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STORM DATA



AND UNUSUAL WEATHER PHENOMENA
WITH LATE REPORTS AND CORRECTIONS



noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, NC

Cover: This cover represents a few weather conditions such as snow, hurricanes, tornadoes, heavy rain and flooding that may occur in any given location any month of the year. (*Photos courtesy of NCDC*)

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STORM DATA
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The Storm Data and Unusual Weather Phenomena narratives and Hurricane/Tropical Storm summaries are prepared by the National Weather Service. Monthly and annual statistics and summaries of tornado and lightning events resulting in deaths, injuries, and damage are compiled by the National Climatic Data Center and the National Weather Service's (NWS) Storm Prediction Center.

STORM DATA contains all confirmed information on storms available to our staff at the time of publication. Late reports and corrections will be printed in each edition.

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Thomas R. Karl
Director,
National Climatic Data Center

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ALABAMA, Central

ALZ028-036>038-042>050

Barbour - Bullock - Chambers - Clay - Coosa - Elmore - Lee - Lowndes - Macon - Montgomery - Pike - Randolph - Russell - Tallapoosa

01	0000CST								
31	2359CST			0	0	0.00K	0.00K	Drought	

Although between 2.0 and 8.0 inches of rainfall fell across much of central Alabama during May, little relief was felt in the ongoing drought across much of the southeastern portion of the area. Drought conditions persisted through the month across Elmore, Lee, Bullock, Macon, Tallapoosa, Montgomery, Russell, Pike, Barbour, Randolph, Lowndes, Chambers, Coosa, and Clay Counties.

Marion County
4 NNW Twin

02	1703CST								
				0	0	0.00K	0.00K	Hail (0.75)	

Tuscaloosa County
4 NNW Echola

02	1740CST								
				0	0	0.00K	0.00K	Hail (1.00)	

Hale County
3 NNE Greensboro

03	1215CST								
	1515CST			0	0	0.00K	0.00K	Flash Flood	

Several rural roads northeast of Greensboro were washed out due to heavy rain. Water also flowed into the Pleasant Valley Grocery Store on Alabama Highway 25, flooding the store.

A slow-moving upper level low cross the Southeast during the first week of May. On Wednesday, the 2nd, and Thursday, the 3rd, impulses rotating around the low combined with increasing moisture from the Gulf of Mexico to provide the right conditions for showers and thunderstorms across central Alabama. Most of the activity remained below severe limits. Several periods of heavy rain led to an isolated flooding report.

Calhoun County
2 SSE Ohatchee

05	1822CST								
	1826CST			0	0	0.00K	0.00K	Hail (1.00)	

Quarter size hail (measured) began falling at 7:22 PM CDT and continued through 7:26 PM CDT.

An outflow boundary from a decaying mesoscale convective system pushed southward into central Alabama on Saturday, May 5. This boundary helped spark isolated convection during the late afternoon and early evening hours.

Talladega County
1 S Talladega

06	0604CST								
				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)	

A tree was uprooted and fell across a driveway of a residence.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Shelby County
4 NE Shelby

06	0729CST								
				0	0	0.00K	0.00K	Hail (0.88)	

Chambers County
1 E Hickory Flat

06	0853CST								
				0	0	0.00K	0.00K	Hail (1.00)	

Autauga County
2 WNW Autaugaville

06	0928CST								
				0	0	0.00K	0.00K	Hail (1.00)	

Dallas County
1 N Carlowville

06	1055CST								
				0	0	0.00K	0.00K	Hail (1.00)	

Quarter sized hail briefly covered the ground near Carlowville.

Pike County
1 SE Hamilton Xrds

06	1136CST								
				0	0	0.00K	0.00K	Hail (3.00)	

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ALABAMA, Central									
Pike County 1 W Goshen	06	1202CST			0	0	0.00K	0.00K	Hail (1.00)
Barbour County 1 SE Batesville	06	1203CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Several trees were blown down along County Road 79, near Comer.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Barbour County 4 E Mt Andrew	06	1230CST			0	0	0.00K	0.00K	Hail (1.75)
Marion County 3 E Goddard	06	1647CST			0	0	0.00K	0.00K	Hail (1.00)
Winston County 1 NNE Haleyville	06	1648CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Winds estimated at greater than 60 MPH knocked down power lines across the city of Haleyville, causing several roads to be closed. In addition, several trees were blown down, including one on a home along 15th Ave.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Winston County 1 W Poplar Spgs	06	1653CST			0	0	0.00K	0.00K	Hail (1.00)
Jefferson County Hopkins	06	1658CST			0	0	0.00K	0.00K	Hail (1.00)
Lamar County 3 SSW Vernon Lamar Co Arpt	06	1810CST			0	0	0.00K	0.00K	Hail (0.75)
Walker County 1 SW Coal Vly	06	1812CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Several trees were blown down in Oakman.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Walker County 1 SW Coal Vly	06	1813CST			0	0	0.00K	0.00K	Hail (1.00)
Fayette County 1 ESE Bankston	06	1837CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down along Highway 18, west of Berry.									
On Sunday, May 6, an outflow boundary from a mesoscale convective system (MCS) moving through portions of Tennessee pushed southward into central Alabama. This resulted in isolated wind damage and small hail (one half inch or less in size) during the early morning hours. Thunderstorms continued to develop along and ahead of the outflow boundary as it moved southward across eastern portions of the forecast area through mid day, and as daytime heating increased, thunderstorms produced large hail. In the wake of the morning convection, clearing behind the MCS allowed surface heating to increase and the airmass across north central Alabama to destabilize. By early evening, isolated to scattered thunderstorms began producing large hail and wind damage. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Walker County 1 ESE Marigold	07	1406CST			0	0	0.00K	0.00K	Hail (0.75)
Walker County 6 E Jasper Walker Co Arp	07	1417CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Trees and powerlines were blown down along Alabama Highway 69 at the intersection of Clayton Rd, near Boldo.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
ALABAMA, Central									
Walker County 1 NE Empire	07	1419CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down and blocking the intersection of Empire Rd and Little Vine Rd, northeast of Empire.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Walker County 7 E Marigold	07	1420CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down at the intersection of Alabama Highway 69 and Burrows Crossing Rd.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Walker County 6 NW Sipsey	07	1422CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down at the intersection of Tidwell Cemetery Rd and Old Pineywoods Rd.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Walker County 5 NNW Sipsey	07	1425CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down at the intersection of Pineywoods Sipsey Rd and Capps Rd.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Walker County 3 NNW Sipsey	07	1428CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down on Pineywoods Sipsey Rd and Claude Banks Rd, blocking the roadway. A school bus was trapped due to the fallen trees. No injuries.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Blount County 1 SW Oneonta	07	1436CST			0	0	0.00K	0.00K	Hail (1.00)
On Monday, May 7, a cold pool boundary left over from a decaying mesoscale convective system advected into north central Alabama. Along and ahead of this boundary, isolated severe thunderstorms developed.									
Marion County 1 W Guin	08	1755CST 2030CST			0	0	0.00K	0.00K	Flash Flood
Heavy rainfall caused extensive flooding in downtown Guin. Numerous roads were under water and closed. Water across U.S. Highway 43 was 3 feet deep. In addition, water flowed into several homes and businesses.									
Fayette County 1 NNW Fayette	08	1826CST 2030CST			0	0	0.00K	0.00K	Flash Flood
Heavy rainfall resulted in water 6 inches deep across streets in downtown Fayette.									
Lamar County 1 ENE Vernon	08	1830CST 2030CST			0	0	0.00K	0.00K	Flash Flood
Alabama Highway 18 in downtown Vernon was closed as a result of heavy rainfall and water flowing over the roadway.									
Lamar County 2 SSE Beaverton	08	1830CST 2030CST			0	0	0.00K	0.00K	Flash Flood
Heavy rainfall resulted in water across several roads south of Beaverton, which had to be closed.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ALABAMA, Central

On Tuesday, May 8, slow-moving clusters of thunderstorms and heavy rain developed ahead of an approaching cold front and moved into northwest central Alabama, producing flash flooding and isolated sub-severe wind damage.

Lee County 3 SW Roxana

13	1302CST 1311CST		2.3	50	0	0	0.00K	0.00K	Tornado (EF0)
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An EF0 tornado with winds of 50-60 MPH touched down just west of County Road 217 southwest of Roxana, causing damage to several trees. The tornado tracked northeastward and crossed County Road 66, where it continued to cause minor tree damage. The tornado dissipated just east of County Road 66.

A weak cold front moved through Alabama on Sunday, May 13. Shear profiles ahead of and along the front were supportive of supercells. Given the enhanced low level storm relative helicity, numerous, weak mesocyclones and rotating wall clouds developed. One storm resulted in a brief tornado touchdown.

Lamar County 6 E Detroit

20	1620CST 1630CST				0	0	0.00K	0.00K	Thunderstorm Wind (65EG)
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Widespread tree damage occurred along County Road 16 between Henson Springs and Detroit.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Lamar County 1 SW Detroit

20	1643CST				0	0	0.00K	0.00K	Thunderstorm Wind (55EG)
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Many trees were blown down west and southwest of Detroit, including along Hatley-Detroit Rd and along Alabama Highway 17. This resulted in widespread power outages across the area.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Marion County Bexar

20	1650CST				0	0	0.00K	0.00K	Hail (1.00)
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On Sunday, May 20, mesoscale outflow boundary interactions and daytime heating resulted in afternoon convection and isolated wind damage and large hail across northwest central Alabama.

Lowndes County 1 E Hayneville

21	1310CST				0	0	0.00K	0.00K	Hail (0.88)
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Lee County 1 W Opelika

21	1321CST				0	0	0.00K	0.00K	Hail (0.88)
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Lee County 1 S Opelika

21	1330CST				0	0	0.00K	0.00K	Hail (1.00)
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Russell County 1 NW Crawford

21	1356CST				0	0	0.00K	0.00K	Hail (1.00)
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Russell County 1 NE Crawford

21	1402CST				0	0	0.00K	0.00K	Hail (0.75)
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Cherokee County 2 WNW Richardson

21	1650CST				0	0	0.00K	0.00K	Hail (0.75)
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On Monday, May 21, a frontal system was slowly moving eastward across the Mississippi River Valley toward central Alabama. Outflow boundaries from the previous day's convection provided a focus for scattered thunderstorm development, and isolated large hail, during peak afternoon heating.

Fayette County 2 SE Hubertville

21	2201CST				0	0	0.00K	0.00K	Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ALABAMA, Central									
Fayette County 5 ESE Hubertville	21	2210CST			0	0	0.00K	0.00K	Hail (1.00)
Walker County 1 NW Gamble	21	2213CST			0	0	0.00K	0.00K	Hail (1.00)
Fayette County 4 SW Bankston	21	2218CST			0	0	0.00K	0.00K	Hail (1.00)
Walker County 2 S Gamble	21	2230CST			0	0	0.00K	0.00K	Hail (0.88)
Jefferson County 2 NW Howtons Camp	21	2330CST			0	0	0.00K	0.00K	Thunderstorm Wind (60EG)
Numerous trees and power lines were blown down along the Walker and Jefferson county line.									
Note: The estimated wind gust of 60 knots is equivalent to 69 mph.									
Walker County Good Spgs	21	2330CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down, blocking Alabama Highway 269 at Short Drive.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Walker County 6 S Gorgas	21	2338CST			0	0	0.00K	0.00K	Hail (1.00)
Jefferson County Oak Grove	21	2343CST			0	0	0.00K	0.00K	Hail (1.00)
Tuscaloosa County 2 NE Taylorville	21	2352CST			0	0	0.00K	0.00K	Hail (0.88)
Jefferson County 1 SW Dolomite	22	0000CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Trees and power lines were blown down in Hueytown, including along Walker Ave, Hueytown Rd, and South Parkell Ave.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Jefferson County Concord	22	2357CST			0	0	0.00K	0.00K	Hail (1.00)
Jefferson County Concord	22	2358CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Trees were blown down in Concord.									
As an upper level trough associated with a slow moving cold front tracked across the region, thunderstorms developed late Monday night across northwest central Alabama. Storms developed into a mesoscale convective system and tracked southeastward during the early morning hours on Tuesday, May 22, producing hail and wind damage across portions of north central Alabama. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Shelby County 2 ENE Pelham	29	2215CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
Several trees were snapped or uprooted across Pelham, resulting in power outages.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ALABAMA, Central

Shelby County

1 WSW Keystone

	29	2228CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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Pine tree, 60 ft tall, fell on a home on Independence Drive at Amberley Woods Drive.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Chilton County

3 WNW Minooka

	29	2234CST			0	0	0.00K	0.00K	Thunderstorm Wind (55EG)
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Trees were blown down along Highway 155 near the Chilton and Shelby County line.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Chilton County

1 N Jemison

	29	2243CST			0	0	0.00K	0.00K	Thunderstorm Wind (55EG)
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Trees were blown down in and around Jemison, including on Smith Rd, Pinedale Rd, and U.S. Highway 31.

On Tuesday, May 29, an upper level shortwave crossing the region aided convection in becoming organized into a broken line of thunderstorms. This line pushed southward through central Alabama, causing isolated damage in Shelby and Chilton counties. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Sumter County

1 E Boyd

	30	1630CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Several trees were blown down in Boyd.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Sumter County

1 E Boyd

	30	1632CST			0	0	0.00K	0.00K	Hail (0.88)
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A weakening mesoscale convective system moving southeastward across Mississippi brought thunderstorms to far southwestern portions of Central Alabama on Wednesday, May 30. These storms produced isolated wind damage and hail.

Montgomery County

2 SSE Montgomery

	31	1518CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Trees were blown down in several neighborhoods across Montgomery.

On Thursday, May 31, isolated thunderstorms developed in response to daytime heating and increasing moisture ahead of a storm system to the west of Alabama. These storms produced isolated wind damage in Montgomery. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Sumter County

1 S Siloam

	31	1730CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Several trees were blown down south southeast of York.

During the evening hours on Thursday, May 31, a weakening line of thunderstorms associated with a cold front moved into west Central Alabama, producing isolated damage in far southwestern portions of the area. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

ALABAMA, North

Morgan County

1 SW Trinity

	05	1818CST 1821CST			0	0	0.00K	0.00K	Hail (1.00)
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Hail up to quarter size was reported in Trinity.

Morgan County

2 W Moulton Hgts

	05	1825CST 1828CST			0	0	0.00K	0.00K	Hail (0.75)
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Hail of dime to penny sized was reported on Highway 24 about 4 miles west of Decatur.

Isolated strong thunderstorms producing hail up to the size of quarters developed during the early evening hours in north central Alabama.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ALABAMA, North									
Limestone County									
1 NNE Burgreen Corner	05	2345CST 2348CST			0	0	0.00K	0.00K	Hail (0.88)
									Dime to nickel sized hail was reported.
Madison County									
3 S Huntsville Mills Arp	06	0500CST 0503CST			0	0	0.00K	0.00K	Hail (0.88)
									Nickel sized hail was reported.
Madison County									
2 SSW Huntsville Mills Arp	06	0502CST 0505CST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter sized hail was reported covering the ground on Owens Drive in Huntsville.
Madison County									
1 WSW Huntsville Mills Arp	06	0504CST 0507CST			0	0	0.00K	0.00K	Hail (0.75)
									Penny sized hail was reported on OShaughnessy Avenue in Huntsville.
									An isolated thunderstorm produced hail up to the size of nickels just before midnight (LST) in north central Alabama. Then, a mesoscale convective system (MCS) which developed in northwest Tennessee during the late evening hours of the 5th dropped southeast into northern Alabama through the morning hours of the 6th. These more numerous storms produced prolific lightning and sporadic hail up to the size of quarters.
Dekalb County									
1 WNW Ft Payne	06	1440CST 1443CST			0	0	0.00K	0.00K	Hail (0.88)
									Nickel size hail was reported near the intersection of Interstate 59 and Glenn Boulevard.
Franklin County									
2 S Isbell	06	1547CST 1550CST			0	0	0.00K	0.00K	Hail (0.75)
									Penny size hail was reported 6 miles north of Phil Campbell along Highway 13.
Franklin County									
Phil Campbell	06	1547CST 1550CST			0	0	0.00K	0.00K	Hail (0.88)
									Nickel size hail was reported in Phil Campbell.
Jackson County									
Pleasant Hill	06	1637CST 1640CST			0	0	0.00K	0.00K	Hail (0.88)
									Nickel size hail was reported on Highway 79. 50 mph winds were estimated at this location as well.
Dekalb County									
1 NE Lands Xrds	06	1655CST 1705CST			0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
									Multiple trees and limbs were knocked down along the 300 block of 4th Avenue in Rainsville.
									Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ALABAMA, North									
Franklin County 2 SW Pleasant Hill	06	1733CST 1736CST			0	0	0.50K	0.00K	Thunderstorm Wind (43EG)
									A tree was knocked down 4519 County Road 22 in Spruce Pine. Note: The estimated wind gust of 43 knots is equivalent to 49 mph.
Franklin County Belgreen	06	2215CST 2218CST			0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
									A tree was knocked down causing a power outage at the intersection of Scout Hollow Road and Wilson Road. Event time estimated by radar when a gust front moved through this area. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Franklin County Belgreen	06	2232CST 2235CST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
									Power was knocked out at the 911 center in Belgreen, likely due to trees blown down onto power lines. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Franklin County 3 W Reedtown	06	2232CST 2235CST			0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
									A tree was knocked down at 1044 County Road 624. Thunderstorms developed atop the Cumberland Plateau of northeast Alabama and eastern portions of southern Tennessee, and across northwest Alabama. The storms developed during peak afternoon heating on the 6th when the air mass was quite unstable, but with minimal deep layer wind shear. The storms moved southwest and westward producing hail, frequent lightning and locally heavy rainfall. Outflow boundaries from thunderstorms ignited additional storms during the late evening hours in northwest Alabama. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Limestone County 3 ESE Lawngate	13	1638CST			0	0	0.00K	0.00K	Funnel Cloud
									A brief funnel cloud was reported from a spotter traveling along Highway 24/Gordon Terry Parkway. The spotter was looking north from their location just west of Decatur. Location of the funnel cloud was estimated by radar.
Morgan County 2 N Moulton Hgts	13	1655CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
									A 25 x 40 foot section of a wall was knocked out of the Toray Plant just northwest of Decatur. Initial report came into local TV media outlet which was forwarded to NWS. Time estimated from radar. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Limestone County 1 SW Whiteside	13	1725CST			0	0	0.00K	0.00K	Funnel Cloud
									A UA-Huntsville reserach meteorologist observed a brief funnel cloud looking north from the Bee Line Highway Bridge over the Tennessee River, just northeast of Decatur. The funnel was estimated to be 0.5 to 1.0 miles north/northwest of the observers location over Lake Wheeler. A miniature supercell thunderstorm produced at least two funnel cloud reports as it traversed the Limestone and Morgan County line along the Tennessee River and Lake Wheeler. This rotating storm produced wind damage at a carbon fiber plant in Decatur. Thunderstorms that afternoon and evening developed along a north-south surface trough axis beneath a mid to upper level trough.
Colbert County 1 W Leighton	18	1421CST 1424CST			0	0	0.00K	0.00K	Hail (0.88)
									Nickle sized hail was reported in Leighton.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ALABAMA, North

Limestone County 1 ESE Athens

18	1743CST 1746CST				0	0	0.00K	0.00K	Hail (0.75)
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Hail to penny size was reported in Athens.

Scattered to numerous thunderstorms developed during peak afternoon heating. Most of these pulse storms developed and collapsed producing gusty winds of 20 to 30 mph, pea sized hail and occasional to frequent lightning. A couple of storms produced hail of penny to nickel size.

Jackson County Aspel

29	1818CST 1821CST				0	0	3.00K	0.00K	Thunderstorm Wind (52EG)
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Large trees were knocked down and sheet metal was torn off of a building near Aspel.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Madison County 1 E Hazel Green

29	1900CST 1903CST				0	0	3.00K	0.00K	Thunderstorm Wind (52EG)
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Multiple trees, up to one foot in diameter, were knocked down on Jimmy Fisk Road in Hazel Green. Time estimated by radar.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Limestone County 3 SSE Wheeler Lake North

29	1907CST 1910CST				0	0	0.50K	0.00K	Thunderstorm Wind (52EG)
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A tree was knocked down along U.S. Highway 72 between Shaw Road and Poplar Creek Road. Time estimated by radar.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Limestone County 1 ENE Athens

29	1908CST 1911CST				0	0	0.50K	0.00K	Thunderstorm Wind (52EG)
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A tree was knocked down at the intersection of Pryor Street and Shaw Street.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Lauderdale County Gravelly Spgs

29	1909CST 1912CST				0	0	0.00K	0.00K	Hail (0.75)
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Hail of dime and penny size was reported near the intersection of County Roads 2 and 14.

Madison County 1 W Monrovia

29	1910CST 1913CST				0	0	0.50K	0.00K	Thunderstorm Wind (35EG)
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A tree of unknown sized was knocked down along Nance Road. Time estimated by radar.

Note: The estimated wind gust of 35 knots is equivalent to 40 mph.

Limestone County 1 E Athens

29	1911CST 1918CST				0	0	0.00K	0.00K	Hail (0.75)
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Hail to penny size fell for up to seven minutes.

Limestone County 3 ESE Athens

29	1912CST 1915CST				0	0	1.00K	0.00K	Thunderstorm Wind (35EG)
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Trees limbs were knocked down along Pepper Road and Lindsay Lane. A transformer also blew in this location.

Note: The estimated wind gust of 35 knots is equivalent to 40 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ALABAMA, North

Madison County 1 E Huntsville Park

29	1938CST 1941CST				0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
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A three foot diameter tree was knocked down and blocking a portion of the intersection of Triana Boulevard and Archer.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Colbert County 1 S Muscle Shoals

29	1949CST 1952CST				0	0	0.00K	0.00K	Hail (1.00)
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Hail to quarter size was reported near Wilson Dame Highway and State Highway 157.

Madison County 1 WNW New Hope

29	2011CST 2014CST				0	0	0.50K	0.00K	Thunderstorm Wind (35EG)
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A tree was knocked down near Main Drive and Johnson Avenue.

Note: The estimated wind gust of 35 knots is equivalent to 40 mph.

Marshall County 1 W Crossroads

29	2025CST 2028CST				0	0	0.50K	0.00K	Thunderstorm Wind (35EG)
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A large tree limb was knocked down near the Marshall County EMA office.

Note: The estimated wind gust of 35 knots is equivalent to 40 mph.

Dekalb County 1 S High Pt

29	2030CST 2033CST				0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
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Multiple trees were knocked down along State Highway 117 near Valley Head and Mentone. Time estimated by radar.

A cluster of thunderstorms erupted in middle Tennessee during the late afternoon hours. The storms generated a large cold pool and gust front which tracked across nearly all of northern Alabama. Several reports of wind damage were received along this gust front, with measured wind gusts of 40 to 55 mph at a few ASOS/CWOP stations. A few storms also produced hail. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

ALABAMA, Southeast

ALZ065>069

Coffee - Dale - Geneva - Henry - Houston

01	0000EST								
31	2359EST				0	0	0.00K	0.00K	Drought

D4 exceptional drought conditions persisted through the month and into June across most of Henry and Dale counties and extreme eastern Coffee county. D3 extreme drought conditions persisted across most of Coffee county and northern Geneva and Houston counties. D2 severe drought conditions persisted across southern Geneva and southern Houston counties.

Dale County 2 SW Ward Bridge

06	1213CST				0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
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A tree was blown down along County Road 59 to the north of County Road 36. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Dale County 1 SW Dean Church Rd

06	1225CST 1234CST				0	0			Hail (0.75)
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Penny size hail fell near Logan Road.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ALABAMA, Southeast

Dale County

1 SW Dean Church Rd	06	1234CST			0	0			Hail (1.50)
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The hail falling near Logan Road increased to ping pong size.

Coffee County

1 SW Shell Army Field	06	1258CST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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A tree was blown down onto a power line at the 300 block of Valley Stream Drive. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Henry County

Headland	06	1259CST			0	0			Hail (1.00)
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A picture was posted on facebook of hail estimated at quarter size near Headland.

Houston County

2 N Taylor	06	1320CST			0	0			Hail (0.75)
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A spotter reported penny size hail 2 miles north of Taylor.

Very steep lapse rates were in place atop rich boundary layer moisture with 500 mb temperatures from -11C to -14C. This supported strong instability with afternoon SBCAPE values exceeding 3000 J/Kg. Winds aloft were weak, so storms were mainly pulse in nature with brief-lived intense cores. The strongest of these pulsating storms produced large hail and damaging winds. Storms became semi-organized along a common outflow late in the day and shifted southward.

Coffee County

1 NW Victoria	08	1215CST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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A couple of trees and power lines were blown down near the intersection of County Road 209 and County Road 210. Monetary damage was estimated.

The airmass was similar to what one would find on a summer day with moist and unstable conditions and weak winds aloft. Storms were pulse in nature with brief gusty winds. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Houston County

1 SE Wilson Mill Ashford	31	1330CST 1345CST			0	0	5.00K	0.00K	Thunderstorm Wind (55EG)
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Numerous trees were blown down across the eastern portion of the county in a fairly straight swath, including Coot Fowler Road, Omussee Road, Drew Road, Crawford Road, and the Ashford area. Monetary damage was estimated.

Weak upper level troughing, instability over 2000 j/kg, dry air aloft, and fairly steep mid level lapse rates contributed to a severe storm in Houston county. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

ALABAMA, Southwest

Mobile County

Mobile Bates Fld (MOB)Mobile Bates Fl	02	1720CST 1920CST			0	0	0.00K	0.00K	Flash Flood
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Mobile County

1 S Eight Mile Whistler	02	1720CST 1920CST			0	0	0.00K	0.00K	Flash Flood
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Widespread street flooding around highway 45 and Bearfork Road. The water was estimated to be nearly a foot deep in places.

Baldwin County

Daphne	02	2147CST 2347CST			0	0	0.00K	0.00K	Flash Flood
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Highway 90 west of Highway 13 closed due to water over the road.

Heavy rain caused flooding across portions of southwest Alabama.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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ALABAMA, Southwest

Clarke County
1 E Coffeerville

06	1230CST 1232CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Winds estimated at 60 mph downed a tree on house causing extensive damage.

High winds from a thunderstorm downed a tree on a house causing severe damage. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Clarke County
West Bend

21	1330CST 1332CST				0	0	0.00K	0.00K	Hail (1.00)
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Mobile County
2 S Bellefontaine

21	1407CST 1409CST				0	0	0.00K	0.00K	Hail (1.00)
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Baldwin County
2 E Foley

21	1805CST 1807CST				0	0	0.00K	0.00K	Hail (1.75)
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Thunderstorms developed across southwest Alabama and produced large hail.

Clarke County
Thomasville

29	1607CST 1609CST				0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
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Winds estimated at 70 mph downed trees and powerlines and blew a roof off a house.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Monroe County
Monroeville

29	1721CST 1723CST				0	0	5.00K	0.00K	Thunderstorm Wind (61EG)
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Winds estimated at 70 mph downed trees and powerlines down. The 911 center also took a direct lightning strike which has knocked out communications.

High winds from thunderstorms caused damage in parts of southwest Alabama. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Mobile County
Tillmans Corner

30	1400CST 1402CST				0	0	0.00K	0.00K	Hail (1.00)
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Mobile County
8 SW Mobile Bates Fld

30	1415CST 1417CST				0	0	0.00K	0.00K	Hail (1.25)
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Baldwin County
Elsanor

30	1418CST 1420CST				0	0	8.00K	0.00K	Thunderstorm Wind (52EG)
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Winds estimated at 60 mph blew down a fence and blew patio furniture across the yard and ripped off siding.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Mobile County
6 SW Mobile Brookley Fld

30	1420CST 1422CST				0	0	0.00K	0.00K	Hail (1.25)
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Monroe County
Frisco City

30	1607CST 1609CST				0	0	0.00K	0.00K	Hail (1.00)
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Thunderstorms developed across southwest Alabama and produced large hail and damaging winds.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ALABAMA, Southwest

Butler County 2 S Greenville

31	1415CST 1417CST				0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
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Winds estimated at 60 mph blew a tree on to power lines.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Monroe County 3 SE Excel

31	1715CST 1717CST				0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
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Winds estimated at 60 mph blew a shed over and rain gutter torn off house on Beulah Campground Rd.

High winds from thunderstorms produced minor damage in southwest Alabama. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

ALASKA, Northern

Lower Koyukuk Middle Ykn Vllys 1 ENE Nulato

12	1100AKS								
14	1400AKS				0	0	0.00K	0.00K	Flood

An ice jam caused minor flooding in Nulato. The ice jam was caused by large sheets of ice on the Yukon River about 2 1/2 miles above the village of Kaltag. Above the jam, the ice was packed tight for about 30 miles upriver to Nulato. On the afternoon of the 12th the Yukon River was backing up a significant amount of water into the Nulato River and Mukluk Slough. Water began to flow over several low lying roads, but was only a nuisance to village residents at this time. Water was flooding a smoke house at the mouth of the Mukluk Slough on the north end of town. By the morning of the 13th, the water levels had risen about 1 foot at Nulato. The spur road to the cemetery and tank farm, the south Frontage Road, and the road to the Nulato River were impassable at this time, but the flooding was still only considered to be a nuisance to residents of the village. The water continued to slowly rise during the day, and by the evening of the 13th the water was covering the road to the airport. The water continued to slowly rise into the morning of the 14th, and had come up 1 1/2 feet since the 13th. Access to the airport was limited to large trucks or boats. Water was also beginning to inundate the area around the fuel depot, prevent vehicle access to at least 2 homes, and flow under one residence. By the early afternoon of the 14th the ice jam released and the water rushed out of the village and the threat of flooding quickly ended.

Yukon Delta Marshall

18	1000AKS								
21	1300AKS				0	0	0.00K	0.00K	Flood

Several ice jams from Russian Mission to Pilot Station caused water to back up at Marshall. By 1000AKST on the morning of the 18th water inundated the road to the airport and the meadow at the lower end of town. By 1300AKST on the 21st the water levels receded as the back edge of the ice was about 5 miles downriver of Marshall.

Nrn & Intr. Seward Peninsula Buckland

23	1600AKS								
26	0900AKS				0	0	0.00K	0.00K	Flood

Minor ice jams formed around the village of Buckland on May 21st, and the water levels on the Buckland River at Buckland began to rise on the 22nd into the 23rd. There was also a considerable amount of higher elevation snow melt that moved into smaller tributaries of the River due to warm temperatures. Flooding began in the village of Buckland on the afternoon of the 23rd and continued into the morning of the 26th. Approximately 70 percent of the homes in the village had water underneath them, but the water did not enter the first floor of any structures. Residents of the village needed to use a canoe to go through town and to access the airport. The water levels dropped significantly during the morning of the 26th as an ice jam that was just downriver of the village released.

Middle Tanana Valley 3 ESE Two Rivers

25	1200AKS				0	0	0.00K	0.00K	Heavy Rain
27									

Deltana And Tanana 38 NE Big Delta

25	1800AKS								
26	0000AKS				0	0	0.00K	0.00K	Flood

The first Heavy rain of the season fell across the Chena, Salcha, and Goodpaster River basins on May 25-26, 2012. Rainfall amounts of up to 1.26 inches fell at the Goodpaster River gage in approximately 18 hours. The combination of the heavy rainfall, runoff from residual high elevation snowpack, and frozen ground caused all three rivers to rise significantly. The crest of 20.6 feet at the Upper Chena River gage is the highest rainfall produced crest since July 2003.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ALASKA, Northern

Three canoers were swept by the high water onto an Island near milepost 29 Chena Hot Springs Road. In a separate incident, another group that was camping near milepost 37 Chena Hot Springs woke up to find that they were on an island in the middle of the River. No injuries were reported in either incident.

Along the Goodpaster River, minor flooding was reported at the Pogo Mine at 1900AKST on the 25th. Water flooded the airstrip and mine equipment yard.

Along the Salcha River, there was some water in the low spots around the campground at the Salcha River State Recreation Site. Water was covering the road at the exit of the parking area for the campground. The crest of 15.14 feet at the Salcha River at the Richardson Highway Bridge occurred at 0400AKST on the 27th and was just above the flood stage of 14 feet.

Middle Tanana Valley 11 NE Chatanika

28	0600AKS								
	1400AKS			0	0	0.00K	0.00K	Flood	

Heavy rainfall in excess of an inch combined with the melting of the residual snowpack, and little if any infiltration due to frozen ground in the Tanana-Yukon Uplands resulted in high water on the Chatanika River on May 28th. There were reports of minor flooding at milepost 42 along the Steese Highway on the morning of the 28th. At MP 39, one resident had water flowing over portions of their driveway, which is not uncommon when the river is below bankfull stage. The river was at bankfull in spots with water flowing into abandoned channels and going over the lower banks and inundating some forested areas.

ALASKA, Southern

Kuskokwim Delta 1 W Kwethluk

13	2100AKS								
16	1300AKS			0	0	0.00K	0.00K	Flood	

The Alaska River Forecast Office team in the area reported the flooding.

Ice Jam flooding occurred along the Kuskokwim River near Kwethluk during the spring breakup.

ARIZONA, Northwest

AZZ036

Lake Mead National Recreation Area

25	1400MST			0	0	10.0K	0.00K	High Wind	
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An unseasonably strong low pressure system brought widespread high winds to much of the Mojave Desert and southern Great Basin.

ARIZONA, South

AZZ502-505-506

South Central Pinal County - Southeast Pinal County - Tohono O Odham Nation

01	0000MST								
31	2359MST			0	0	0.00K	0.00K	Drought	

Another month of well below normal rainfall resulted in continued extreme drought conditions across portions of south central Arizona in May.

Santa Cruz County 4 N Nogales

09	1300MST								
	1302MST	0.31	25	0	0	0.00K	0.00K	Tornado (EF0)	

A dust devil briefly spun up into a landspout tornado just south of Rio Rico.

Santa Cruz County Rio Rico

09	1310MST								
	1320MST			0	0	0.00K	0.00K	Hail (0.75)	

Hail up to the size of pennies covered the ground in Rio Rico.

AZZ504

Tucson Metro Area

09	1415MST								
	1500MST			0	0	0.5K	0.00K	Strong Wind	

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ARIZONA, South

Cochise County Douglas

09	1440MST 1450MST				0	0	0.00K	0.00K	Hail (0.75)
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Hail up to the size of pennies covered the ground in Douglas. Heavy rain and minor street flooding accompanied the hail.

Moisture crept into southern moisture ahead of a weak upper level trough. Hail and landspout tornadoes occurred with thunderstorms near the Mexican border. The cold downrush of wind from these storms generated an outflow boundary that progressed northwest across Pima and Pinal Counties resulting in strong winds and reduced visibility in blowing dust. Visibilities were reduced to a quarter mile or less for several minutes.

AZZ504

Tucson Metro Area

19	1330MST				1	0	0.00K	0.00K	Heat
21	1200MST 1500MST				1	0	0.00K	0.00K	Heat

Unseasonably strong high pressure and extremely dry conditions resulted in the hottest temperatures so far in 2012 across southern Arizona. These hot conditions caused two tourists to lose their lives while hiking. F350U

ARIZONA, Southwest

Yuma County 1 N (YUM)Yuma Intl Arpt

08	0140MST				0	0	120.00K	0.00K	Thunderstorm Wind (60EG)
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An upper level low pressure system moved south and into southwest Arizona during the afternoon and evening on May 7th, and some mid level moisture moved in with the upper low. The atmosphere became unstable, and virga showers developed in the Yuma area shortly after midnight. Strong and gusty winds developed in the vicinity of the virga, estimated to be in excess of 50 knots. According to the Yuma Police, at 140 AM on the 8th, 14 power poles were downed at County 14th Street and Avenue 2E in the Tierra Mesa subdivision. In addition, fence and barn roof damage was reported near County 16th Street and Avenue A. There was no indication of thunderstorms in the Yuma area overnight, and no lightning was observed. However, the atmospheric conditions allowed the gusty winds to take on the characteristics of a damaging microburst.

An low pressure system moved south into southwestern Arizona during the evening hours on May 7th, and triggered some high-based convection in the Yuma area. Despite the lack of thunderstorms in the area - no lightning was observed - virga showers developed and they led to gusty surface winds which were strong enough to knock over 14 power poles. Microburst winds developed despite the seeming lack of any thunderstorms. Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

AZZ023-028

Central Deserts - Greater Phoenix Area

09	1600MST 1730MST				0	0	0.00K	0.00K	Dust Storm
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An upper level low pressure system moving east across southern Arizona on May 9th spread moisture into eastern Arizona, and this led to the development of scattered thunderstorms over the lower central deserts during the afternoon hours. Some of the storms produced gusty microburst winds in excess of 60 knots, and the outflow winds moving over dry ground produced a series of dust storms which affected both the greater Phoenix metropolitan area and the area around Gila Bend.

Maricopa County Phoenix

09	1630MST 1800MST				0	0	70.00K	0.00K	Thunderstorm Wind (50EG)
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Southeast flow ahead of a vigorous upper level low pressure system spread moisture into south central Arizona on May 9th. This led to the development of scattered thunderstorms over the central deserts during the afternoon and early evening hours. A few storms in the greater Phoenix area produced damaging microburst winds, estimated to be 50 knots or higher. According to SRP, a local utility company, the winds downed 9 12-kilovolt poles, most of them in north-central Phoenix. Over 4800 people were without power at the peak of the storms.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Pinal County 8 NNW Magma

09	1635MST				0	0	150.00K	0.00K	Thunderstorm Wind (70EG)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ARIZONA, Southwest

A low pressure system moving east across southern Arizona spread moisture into south central Arizona which led to scattered thunderstorms over the lower deserts during the afternoon hours on May 9th. According to a trained weather spotter, microburst wind gusts estimated at 70 knots damaged 8 mobile homes in the Pleasant Valley Mobile Home Park at approximately 435 PM. The park was located near Germain and Ironwood, about 5 miles east of Queen Creek. Six of the homes had their northeast-facing awnings removed. The strong winds lifted up the overhangs and in some cases removed portions of the roofs. Many of these homes were blown off of their foundations. The strong microburst winds were likely enhanced by a gustnado, which increased the severity of the damage. In addition to the mobile home damage, the strong winds blew down a number of power lines in the area.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Maricopa County 2 SW Gilbert

09	1638MST 1700MST				0	0	5.00K	0.00K	Thunderstorm Wind (65EG)
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An upper level low pressure system moving east across southern Arizona spread moisture into eastern Arizona and led to scattered thunderstorms across the central deserts during the afternoon hours on May 9th. A few storms generated gusty and damaging winds estimated to be in excess of 60 knots. At 439 PM, a trained weather spotter reported that small trees and large limbs were down over the road at Ray and Cooper in Gilbert. Another weather spotter in Chandler reported that three large trees, all of them 36 inches wide, were blown over near south Dobson road and East Market Place at approximately 5 PM. Pictures of the downed trees were taken and sent to the Phoenix WCM.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Maricopa County 1 SE Golden Hills

09	1645MST 1730MST				0	0	0.00K	0.00K	Heavy Rain
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An upper level low pressure system moving east across Arizona spread moisture into south central Arizona, and led to the development of scattered afternoon thunderstorms on May 9th. Some of the storms produced locally heavy rainfall, in addition to strong and damaging microburst winds. At 515 PM, a trained weather spotter in east Mesa reported localized street flooding on Broadway road between Sossamon and 80th Street. A nearby Guadalupe Channel ALERT site measured 0.91 inches of rainfall. The street flooding created hazardous driving conditions during the late afternoon rush hour.

Pinal County 8 W Casa Blanca

09	1700MST				0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
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An upper level low pressure system moving eastward across southern Arizona spread moisture into eastern Arizona and scattered thunderstorms developed over the central deserts during the afternoon hours on May 9th. A few of the storms generated strong, damaging microburst winds. At 5 PM, a 58 MPH wind gust was measured four miles north of the town of Maricopa. The wind gust was reported by an official COOP weather observer.

An upper level low pressure system moved eastward across southern Arizona on May 9th. Southeast flow ahead of the low advected moisture into eastern Arizona, and scattered thunderstorms developed across portions of south central Arizona during the afternoon hours. A few of the storms generated strong and damaging microburst winds, in addition to locally heavy rain and small hail. Note: The measured wind gust of 50 knots is equivalent to 58 mph.

AZZ027

Southwest Maricopa County

09	1724MST 1900MST				0	0	0.00K	0.00K	Dust Storm
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An upper level low pressure system moving east across southern Arizona on May 9th spread moisture into eastern Arizona, and this led to the development of scattered thunderstorms over the lower central deserts during the afternoon hours. Some of the storms produced gusty microburst winds in excess of 60 knots, and the outflow winds moving over dry ground produced a series of dust storms which affected both the greater Phoenix metropolitan area and the area around Gila Bend.

Maricopa County 2 E Gila Bend

09	1815MST				0	0	10.00K	0.00K	Thunderstorm Wind (60EG)
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An upper level low moving east across southern Arizona spread moisture into south central Arizona and led to scattered thunderstorms during the afternoon and evening hours on May 9th. Some of the storms in the Gila Bend area produced damaging microburst winds with peak gusts estimated to be at least 60 knots. As reported by the local utility company, at approximately 615 PM the gusty winds downed a tree which blocked traffic on Pima Road and Highway 85. Construction debris from Interstate 8 and Bypass 85 was strewn about by the strong winds. In addition, power lines were downed by sustained winds reported to be in excess of 45 mph and this left most of the town of Gila Bend without power.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ARIZONA, Southwest

An upper level low pressure system moved eastward across southern Arizona on May 9th. Southeast flow ahead of the low advected moisture into eastern Arizona, and scattered thunderstorms developed across portions of south central Arizona during the afternoon hours. A few of the storms generated strong and damaging microburst winds, in addition to locally heavy rain and small hail. Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

AZZ023

Greater Phoenix Area

26	1045MST				1	0	0.00K	0.00K	Strong Wind
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A cold and vigorous Pacific low pressure system moved to the northeast and across Arizona on Saturday, May 26th. The associated frontal passage caused high temperatures to fall into the lower 80s over the deserts and also led to occasional strong and gusty winds during the late morning and afternoon hours. One of the stronger wind gusts caused a large fence to topple in Laveen, leading to the death of a 2 year old boy. M2OU

ARKANSAS, Central and North Central

Cleburne County

1 NW Heber Spgs Muni Arpt	07	0312CST			0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
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A large part of a tree was knocked down near Dam Site Marina.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Monroe County

Clarendon	07	0330CST 0800CST			0	0	0.00K	0.00K	Heavy Rain
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The cooperative observer measured 4.40 inches of rain, most of which fell between 4:30 and 9:00 AM CDT.

White County

Judsonia	07	0428CST			0	0			Hail (1.00)
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Prairie County

Des Arc	07	0505CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
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A tree was blown down onto power lines.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Independence County

2 WNW Elmo	07	0600CST 0800CST			0	0	0.00K	0.00K	Flash Flood
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Arkansas 14 was covered by water.

Jackson County

Macks 1 S Jacksonport	07	0600CST 0800CST			0	0	0.00K	0.00K	Flash Flood
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Arkansas 14 was covered by water.

Polk County

Mena	07	1501CST			0	0			Hail (1.00)
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Polk County

Mena Muni Arpt	07	1511CST			0	0			Hail (0.88)
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Polk County

Hatfield	07	1515CST			0	0	0.00K		Hail (1.00)
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Polk County

Nunley	07	1520CST			0	0			Hail (0.88)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ARKANSAS, Central and North Central

**Pike County
Roy**

07	1636CST				0	0	25.00K	0.00K	Thunderstorm Wind (52EG)
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Trees and power lines were blown down.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

**Pike County
Highland**

07	1636CST				0	0	25.00K	0.00K	Thunderstorm Wind (52EG)
----	---------	--	--	--	---	---	--------	-------	--------------------------

Trees and power lines were blown down.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

**Pike County
Sweet Home**

07	1636CST				0	0	25.00K	0.00K	Thunderstorm Wind (52EG)
----	---------	--	--	--	---	---	--------	-------	--------------------------

Trees and power lines were blown down.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

**Dallas County
Sparkman**

07	1642CST				0	0		0.00K	Hail (1.75)
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**Dallas County
Fordyce**

07	1945CST				0	0	15.00K	0.00K	Thunderstorm Wind (52EG)
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Trees were blown down in the Fordyce area.
Early on the 7th, thunderstorms formed in a warm, humid air mass in advance of a cold front. Isolated severe weather and locally heavy rain occurred. The storms diminished quickly by midday. However, by late afternoon, isolated severe storms redeveloped in western Arkansas. These storms moved off to the southeast and continued into the evening. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

**Woodruff County
1 W Riverside
1 NNE Cavell**

08	0600CST								
16	0900CST				0	0	5.00K	10.00K	Flood

Heavy Rainfall on the 7th and 8th caused minor flooding along the Cache River at Patterson. The river crested at 9.36 feet on the 13th.
Heavy rainfall on the 7th and 8th caused minor flooding along the Cache River at Patterson.

**Drew County
1 E Monticello**

18	1545CST				0	0		0.00K	Hail (0.75)
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Low pressure to the east of Arkansas helped spark thunderstorm development in southeast Arkansas on the afternoon of the 18th.

ARZ052

	Pike								
20	1300CST								
	1937CST				0	0			Wildfire

On the 20th, a wildfire 5.7 miles south of Daisy in Pike County burned 132 acres.

**Izard County
Calico Rock**

20	1637CST				0	0			Hail (1.00)
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An approaching cold front triggered storms in northern and eastern Arkansas on the afternoon and evening of the 20th.

**Desha County
Mc Gehee**

21	1522CST				0	0			Hail (1.00)
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Minor crop damage occurred.
The arrival of a cold front caused thunderstorms to develop in southeast Arkansas on the afternoon of the 21st. Isolated severe weather occurred.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ARKANSAS, Central and North Central

Hot Spring County Malvern

29	1600CST 1650CST				0	0	0.00K	0.00K	Heavy Rain
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Two and a half inches of rain fell in less than an hour.

Hot Spring County 1 WSW Butterfield

29	1610CST				0	0			Hail (0.75)
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Hot Spring County 2 SW Glen Rose

29	1610CST				0	0			Hail (1.00)
----	---------	--	--	--	---	---	--	--	-------------

Hot Spring County Malvern

29	1610CST				0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
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Limbs were blown down in Malvern.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Hot Spring County Gifford

29	1612CST				0	0			Hail (1.75)
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Hot Spring County 2 E Perla

29	1615CST				0	0			Hail (0.88)
----	---------	--	--	--	---	---	--	--	-------------

Dime to nickel size hail fell.

Hot Spring County 2 E Malvern

29	1615CST				0	0			Hail (1.00)
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Hot Spring County Malvern

29	1620CST				0	0	50.00K	0.00K	Thunderstorm Wind (56EG)
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Many trees were blown down in Malvern, according to the sheriff's office.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Hot Spring County 1 S Malvern

29	1629CST				0	0			Hail (0.88)
----	---------	--	--	--	---	---	--	--	-------------

Dime to nickel size hail fell.

Hot Spring County 1 SE Malvern

29	1630CST				0	0			Hail (0.75)
----	---------	--	--	--	---	---	--	--	-------------

Hail covered the ground.

Hot Spring County 1 SE Malvern

29	1630CST				0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
----	---------	--	--	--	---	---	-------	-------	--------------------------

Tree limbs were blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Hot Spring County Malvern

29	1638CST				0	0			Hail (1.00)
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Dime to quarter size hail fell.

Hot Spring County 1 N Fleming

29	1650CST				0	0			Hail (1.75)
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Golf ball size hail covered the ground.

Hot Spring County Malvern

29	1650CST				0	0			Hail (1.50)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

ARKANSAS, Central and North Central

Dallas County **1 E Round Hill**

29	1720CST			0	0			Hail (0.75)
----	---------	--	--	---	---	--	--	-------------

Unseasonably hot temperatures occurred on the 29th, with many areas reaching the mid to upper 90s. The hot weather helped spark an isolated thunderstorm in Saline County during the afternoon. This storm tracked into Hot Spring County, bringing numerous reports of hail and a few of wind damage. The storm weakened over Dallas County early in the evening.

Prairie County **Hickory Plains**

30	0000CST			0	0	300.00K	0.00K	Lightning
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Lightning struck a church, resulting in a fire. The church was destroyed.



A lightning strike set a church on fire in Hickory Plains, AR (Prairie Co.) on May 30, 2012. The church was destroyed. Photo by John Robinson, WCM, WFO Little Rock.

Monroe County **Holly Grove**

30	1130CST			0	0	10.00K	0.00K	Thunderstorm Wind (52EG)
----	---------	--	--	---	---	--------	-------	--------------------------

Large limbs were blown down, causing power outages.

Isolated thunderstorms developed in central Arkansas during the pre-dawn hours of the 30th. The storms moved east, then increased in coverage and intensity during the late morning and early afternoon. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

ARKANSAS, East

Lee County **1 N Rondo**

02	1615CST 1630CST			0	0	0.00K		Hail (0.88)
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Craighead County **4 SE Mt Pisgah** **1 N Apt**

02	1748CST 1800CST			0	0	0.00K		Hail (1.75)
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Quarter to golf ball size hail fell along a corridor south of Jonesboro and west of Trumann near Highway 163 and Highway 69.

Clay County **1 SE Rector**

02	1855CST 1900CST			0	0	0.00K		Hail (0.75)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ARKANSAS, East

Clay County **1 WNW Piggott**

02	1916CST 1935CST				0	0	0.00K	Hail (1.50)
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Hail up to the size of ping pong balls fell in Piggott.

A weak upper level low pressure system moved over the Mid-South on May 2nd, 2012. The combination of the upper low and daytime heating produced showers and thunderstorms across the area during the late afternoon into the evening. Some storms became severe producing large hail.

Crittenden County

Briark **1 W Blanton**

20	1802CST 2000CST				0	0	0.00K	0.00K	Flash Flood
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Several rounds of thunderstorms produced flash flooding in West Memphis. Minor street flooding occurred as a result.

Crittenden County

West Memphis

20	1802CST 1807CST				0	0	0.00K	Hail (0.88)
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Mississippi County

Osceola

20	1820CST 1825CST				0	0	0.00K	Hail (0.88)
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A weak cold front moved into Eastern Arkansas during the evening. Showers and thunderstorms developed ahead of the front. Some storms produced large hail and flash flooding.

Crittenden County

Earle

31	1240CST 1245CST				0	0	0.10K	0.00K	Thunderstorm Wind (56EG)
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Straight line winds blew a passenger side window out of a car in the western side of Earle.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Poinsett County

1 NE Tyrnza

31	1303CST 1308CST				0	0	0.00K	Hail (0.75)
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A cold front and an associated upper level disturbance moved through the Mid-South during the afternoon hours of May 31, 2012. Showers and thunderstorms developed along and ahead of the cold front. Some storms became severe producing damaging winds and large hail. A few storms also produced heavy rain.

ARKANSAS, Northwest

Crawford County

5 NE Alma

04	1723CST				0	0	20.00K	0.00K	Thunderstorm Wind (52EG)
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Brief downburst winds from a decaying thunderstorm caused damage to a barn.

Late afternoon thunderstorms occurred across parts of west-central Arkansas, aided by intense surface heating and a weak upper level disturbance passing over the region. There was an isolated occurrence of damaging winds resulting from a decaying thunderstorm. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Benton County

Rogers

29	0130CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Strong thunderstorm wind blew down large tree limbs.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Crawford County

Van Buren

29	0245CST				0	0	0.00K	0.00K	Hail (1.00)
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Thunderstorms developed along and ahead of a cold front moving through the region. A few of the storms produced damaging wind and large hail as they moved across northwest Arkansas.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ARKANSAS, Southeast									
Chicot County									
1 W Halley Jct	21	1540CST			0	0	15.00K	0.00K	Hail (1.75)
	Scattered to numerous showers and thunderstorms developed during the afternoon of May 21st ahead of a weak cold front moving across the Deep South. Wind damage, large hail and some flash flooding all occurred as the activity moved across the region.								
ARKANSAS, Southwest									
Howard County									
1 NW Burg	07	1545CST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter sized hail was reported in Umpire, Arkansas.								
Howard County									
1 NW Burg	07	1545CST			0	0	0.00K	0.00K	Thunderstorm Wind (54EG)
	Trees were downed on Hwy. 278 in Umpire, Arkansas. Note: The estimated wind gust of 54 knots is equivalent to 62 mph.								
Howard County									
3 WNW Center Pt	07	1630CST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter sized hail was reported near Center Point at the intersection of Hwy. 369 and Hwy. 26.								
Howard County									
3 WNW Center Pt	07	1630CST			0	0	0.00K	0.00K	Thunderstorm Wind (55EG)
	Trees were downed near Center Point at the intersection of Hwy. 369 and Hwy. 26. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.								
Howard County									
1 N Nashville	07	1645CST			0	0	0.00K	0.00K	Thunderstorm Wind (54EG)
	Trees and powerlines were downed. Note: The estimated wind gust of 54 knots is equivalent to 62 mph.								
Hempstead County									
2 W Tokio	07	1650CST			0	0	3.00K	0.00K	Thunderstorm Wind (56EG)
	Many loose items were destroyed. A trampoline flew 1500 feet. A shed was heavily damaged. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.								
Hempstead County									
1 SW Doyle	07	1700CST			0	0	2.00K	0.00K	Thunderstorm Wind (55EG)
	Powerlines were downed, trees were uprooted and a barn was damaged. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.								
Howard County									
1 N Mineral Spgs	07	1700CST			0	0	0.00K	0.00K	Thunderstorm Wind (55EG)
	Trees were downed in Mineral Springs. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.								
Howard County									
2 WNW Mineral Spgs	07	1700CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
	Trees were downed along Hwy. 27 west of Mineral Springs. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.								
Little River County									
3 NNW Ogden	07	1725CST			0	0	0.00K	0.00K	Thunderstorm Wind (54EG)
	Trees were reported downed near the Ogden area. Powerlines were also downed. Note: The estimated wind gust of 54 knots is equivalent to 62 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ARKANSAS, Southwest

Hempstead County 1 E Hope

07	1745CST				0	0	0.00K	0.00K	Thunderstorm Wind (55EG)
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Trees and powerlines were downed in Hope and throughout the county along Hwy. 278 and Hwy. 29.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Lafayette County 1 S Stamps

07	1805CST				0	0	0.00K	0.00K	Thunderstorm Wind (55EG)
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Several trees were downed on County Road 28 in Stamps, Arkansas.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Lafayette County Stamps

07	1805CST				0	0	0.00K	0.00K	Thunderstorm Wind (54EG)
----	---------	--	--	--	---	---	-------	-------	--------------------------

Powerlines were downed in Stamps, Arkansas.

A very unstable airmass developed ahead of a cold front which moved through Southern Arkansas during the afternoon and evening hours of May 7th. While atmospheric wind shear was relatively weak, the extreme instability made up for the lack of shear. Multicell and supercell thunderstorms were the end result, some of which produced large hail initially but the storms quickly transitioned into damaging wind producing thunderstorms with numerous reports of wind damage received across Southwest Arkansas. Note: The estimated wind gust of 54 knots is equivalent to 62 mph.

CALIFORNIA, South Central

CAZ095-099

Kern County Mountains - Southeast Kern County Desert

22	1455PST								
24	0500PST				0	0	0.00K	0.00K	High Wind

Madera County 1 E Chowchilla

25	1500PST				0	0	0.00K	0.00K	Funnel Cloud
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The public reported a funnel cloud near Chowchilla.

An upper-level disturbance moved through the Pacific Northwest on May 22nd. The initial effect of this disturbance was to flatten the high-pressure ridge over California; this set the stage for a stronger upper-level trough to move through the central California interior on the 23rd. The trough cooled temperatures to near normal, and also brought strong winds to the mountains and deserts. Mojave recorded a gust to 85 mph, and there were several gusts in the 65-75 mph range. In fact, sustained winds at Mojave were as high as 72 mph on the 23rd. Temperatures continued to cool on the 24th behind this disturbance; however, a stronger storm system began to arrive by the following day.

A cold Pacific storm reached California on May 25th. Temperatures were well below normal throughout the region. In fact, Fresno had a high of only 69 degrees, and Bakersfield was only two degrees warmer. Rainfall on the San Joaquin Valley floor was confined mainly to the west side; the Naval Air Station in Lemoore had the highest amount (0.12 inch). In the Southern Sierra Nevada, up to 0.40 inch of rain was reported. As much as four inches of snow fell near Tioga Pass in Yosemite National Park. Sites in the Tehachapi Mountains had up to 0.20 inch of rain, with the highest amounts recorded in the Tehachapi Pass area.

Gusty winds also developed on the 25th with gusts up to 70 mph at Bird Springs Pass in the Kern County Mountains early in the morning of the 26th.

Temperatures warmed on the last days of May as high pressure moved back over California. High temperatures in the central and southern San Joaquin Valley reached near-normal values on the 29th, and climbed well into the 90s by the end of the month. Fresno had a high of 99 on May 31st, the warmest day so far this year. The average temperature for May of 72.3 degrees gave Fresno its 10th warmest May on record. Bakersfield was slightly cooler with an average temperature of 71.7 degrees.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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CALIFORNIA, Southeast

CAZ524

Eastern Mojave Desert

07	2330PST								
08	0130PST				0	0	5.0K	0.00K	Dust Storm

A developing upper low helped trigger isolated dry thunderstorms over the Mojave Desert. One thunderstorm caused dust storm conditions as it dissipated.

CAZ520

Owens Valley

14	1142PST				0	0	0.00K	0.00K	High Wind
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Strong south winds funneled up the Owens Valley ahead of a low pressure system over the eastern Pacific.

San Bernardino County

1 SW Yucca Vly Arpt

16	1205PST				0	0	50.00K	0.00K	Dust Devil
	1210PST								

A dust devil picked up a tent, throwing it into a power line and shorting out a transformer, knocking out power to 1700 customers. The partially melted tent then fell onto a car, damaging it.

A dust devil caused damage in Yucca Valley.

CAZ520

Owens Valley

17	2042PST				0	0	0.00K	0.00K	High Wind
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A Pacific low pressure system produced isolated high winds over the Mojave Desert, and brief downslope winds in the lee of the Sierra Nevada.

22	1842PST				0	0	0.00K	0.00K	High Wind
----	---------	--	--	--	---	---	-------	-------	-----------

A brief downslope wind event in the lee of the Sierra produced a high wind gust in the Owens Valley.

25	1242PST				0	0	0.00K	0.00K	High Wind
	1800PST								

An unseasonably strong low pressure system brought widespread high winds to much of the Mojave Desert and southern Great Basin.

CALIFORNIA, Southwest

CAZ061

Coachella Valley

02	0000PST								
04	1700PST				0	0	0.00K	0.00K	High Wind

An upper level trough in place over Southern California resulted in gusty surface winds in the mountains and deserts, especially through the passes and canyons. Winds were often sustained over 40 mph and gusting at or above 60 mph.

12	1200PST				1	0	0.00K	0.00K	Heat
	2000PST								

High pressure was in place over the region from the 11th through the 14th, creating a warming trend with inland temperatures 5 to 15 degrees above normal for that time of year. Temperatures in the lower deserts ranged from 97 up to 105 during these few days. A heat-related death was reported and confirmed due to this event.

CAZ060-061

Apple and Yucca Valleys - Coachella Valley

17	1300PST								
18	1200PST				0	0	0.00K	0.00K	High Wind

An approaching upper-level low pressure system resulted in strong, gusty westerly/northwesterly winds in the mountains and through the passes and canyons. Typical with these events, the strongest winds were through the Banning Pass and nearby canyons.

CAZ061

Coachella Valley

23	0900PST								
25	2200PST				0	0	0.00K	0.00K	High Wind

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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CALIFORNIA, Southwest

An area of low pressure aloft began building south along the west coast on the 23rd, deepening into a strong closed low over central California on the 26th. This low resulted in a deeper marine layer, scattered showers along and west of the mountains, below normal temperatures and strong, gusty winds in the mountains and deserts, as well as nearby canyons and passes.

CAZ058

San Diego County Mountains

24	1315PST								
28	0700PST				0	0	0.00K	0.00K	Wildfire

The Banner fire started around 1315 PST on the 24th, near the intersection of Highway 78 and S-2, east of Julian near Shelter Valley. No structures or homes were damaged or destroyed, but at one point, 50 residences and one commercial building were threatened. Three firefighters were also injured during the incident, although details of those injuries are unknown. The fire burned a total of 5,321 acres before being fully contained on the 28th.



Smoke from the Banner Fire East of Julian near Shelter Valley on Highway 78. Photo courtesy of spotter Steve Smith.

CALIFORNIA, Upper

CAZ084

Northeast Siskiyou and Northwest Modoc Counties

18	0000PST								
	0700PST				0	0	0.00K	0.00K	Frost/Freeze

An unseasonably cold air mass brought freezing temperature to northern California.

CALIFORNIA, West South Central

CAZ053-059

Antelope Valley - Los Angeles County Mountains Excluding the Santa Monica Range - Ventura County Mountains

22	1800PST								
	2358PST				0	0	0.00K	0.00K	High Wind

CAZ088

Santa Clarita Valley

23	2057PST								
24	0057PST				0	0	0.00K	0.00K	High Wind

Strong and gusty winds affected the mountains of Los Angeles and Ventura counties as well as the Antelope Valley and the Santa Clarita Valley. In the mountains, northwest to north winds gusting over 70 MPH in some locations were reported. Across the Antelope Valley, gusty west to northwest winds developed with 50 power poles reported down due to the winds while wind gusts in the Santa Clarita Valley reached 64 MPH.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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COLORADO, Central and Northeast

Logan County									
1 WSW Peetz	05	1800MST			0	0			Hail (1.25)
Weld County									
1 ENE Keenesburg	05	2015MST			0	0			Hail (1.00)
Denver County									
3 SSE Denver	05	2044MST			0	0			Hail (1.25)
Arapahoe County									
2 SW (BKF)Buckley Fld Nas	05	2100MST			0	0			Hail (1.00)
Arapahoe County									
2 NNE Skyline	05	2100MST			0	0			Hail (1.00)
Arapahoe County									
2 SW (BKF)Buckley Fld Nas	05	2101MST			0	0			Hail (1.50)
Arapahoe County									
3 NE Aurora Cherry Creek	05	2106MST			0	0			Hail (1.00)
Arapahoe County									
Aurora Cherry Creek	05	2145MST 2215MST			0	0			Hail (1.75)

Severe thunderstorms produced damaging hail ranging in size from quarters to golfballs in metro Denver, as well as the northeast plains of Colorado. Aurora was hit the hardest, with extensive property damage reported to homes and automobiles.

Logan County									
9 SE Ford	20	1807MST			0	0			Hail (1.00)
Washington County									
1 W Otis	20	1808MST			0	0			Hail (0.88)
Washington County									
4 ENE Akron Gebauer Arpt	20	1808MST			0	0			Hail (0.88)
Washington County									
8 NNE Otis Stansfield Arpt	20	1905MST			0	0			Hail (0.75)
Washington County									
4 ENE Akron Gebauer Arpt	20	1908MST			0	0			Hail (0.88)

A severe thunderstorm, produced a swath of hail, from penny to quarter size, as it tracked south through central Logan and northeast Washington Counties. The hail was reportedly several inches deep and three miles wide in spots and likely produced extensive crop damage along its path.

COLORADO, East Central

COZ091									
Kit Carson County									
	26	1500MST							
	27	0100MST			0	0	0.00K	0.00K	High Wind

A deepening surface low over Eastern Colorado caused the surface pressure gradient to increase resulting in strong to severe wind gusts during the afternoon. During the evening showers and thunderstorms moved into Northwest Kansas. The outflow winds generated from the showers and thunderstorms moved into Eastern Colorado, enhanced by the already strong winds above the surface, which lead to widespread reports of wind gusts of 60 across the area. The wind gusts peaked during the late evening into the overnight hours then gradually diminished from west to east through the rest of the night.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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COLORADO, South Central and Southeast

Custer County

1 S Westcliffe

13	1405MST 1410MST				0	0	0.00K	0.00K	Funnel Cloud
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A significant funnel cloud occurred south of Westcliffe and extended around 1/2 way to the ground.

Custer County

Westcliffe

13	1415MST 1420MST				0	0	0.00K	0.00K	Hail (1.00)
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A severe storm produced severe hail in Westcliffe and a funnel cloud.

Prowers County

5 ENE Lamar

17	1243MST 1248MST				0	0	0.00K	0.00K	Hail (0.88)
----	--------------------	--	--	--	---	---	-------	-------	-------------

A strong storm produced hail as big as nickels north of Lamar.

Kiowa County

2 SE Eads

19	0856MST 0901MST				0	0	0.00K	0.00K	Hail (0.75)
----	--------------------	--	--	--	---	---	-------	-------	-------------

Kiowa County

5 SE Eads

19	0902MST 0907MST				0	0	0.00K	0.00K	Hail (1.00)
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Las Animas County

7 NW Tyrone

19	1317MST 1326MST				0	0	0.00K	0.00K	Hail (1.00)
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Custer County

5 NNE Rosita

19	1645MST 1650MST				0	0	0.00K	0.00K	Hail (0.75)
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Custer County

5 NNE Rosita

19	1647MST 1652MST				0	0	0.00K	0.00K	Hail (1.00)
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Strong and severe storms produced hail up to the size of quarters.

Pueblo County

3 NW Pueblo

20	1955MST 2000MST				0	0	0.00K	0.00K	Hail (1.00)
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Pueblo County

4 NNW Pueblo

20	1955MST 2000MST				0	0	0.00K	0.00K	Hail (0.75)
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Pueblo County

3 NNE Pueblo

20	2002MST 2007MST				0	0	0.00K	0.00K	Hail (0.75)
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Pueblo County

Pueblo

20	2010MST 2015MST				0	0	0.00K	0.00K	Hail (0.75)
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A severe storm produced hail up to the size of quarters in Pueblo.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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COLORADO, South Central and Southeast

Las Animas County

9 SSE Cokedale	21	1238MST 1243MST			0	0	0.00K	0.00K	Hail (0.88)
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A strong storm produced hail up to the size of nickels.

Crowley County

Ordway	23	1846MST 1851MST			0	0	0.00K	0.00K	Hail (1.75)
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Kiowa County

Brandon	23	1930MST 2230MST			0	0	50.00K	0.00K	Lightning
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Lightning struck a local oil company's holding tanks, igniting 350 barrels holding 15,000 gallons.

Prowers County

Lamar	23	1950MST 2000MST			0	0	0.00K	0.00K	Hail (1.75)
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Prowers County

6 ENE Wiley	23	1955MST 2000MST			0	0	0.00K	0.00K	Hail (0.88)
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Prowers County

5 ENE Lamar	23	2006MST 2011MST			0	0	0.00K	0.00K	Hail (1.00)
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Prowers County

2 ENE Hartman	23	2026MST 2031MST			0	0	0.00K	0.00K	Hail (1.00)
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Severe storms produced hail up to the size of golf balls. Lightning in Kiowa County caused a large fire at Brandon.

Baca County

1 N Pritchett	25	1640MST 1641MST			0	0	10.00K	0.00K	Dust Devil
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A strong dust devil destroyed a 14 x 60 foot mobile home just north of Pritchett.

**COZ060-065-069>
071-080-082-084>
085-088-094>099**

Alamosa Vicinity/Central San Luis Valley below 8500 Ft - Bent County - Colorado Springs Vicinity/Southern El Paso County/Rampart Range below 7500 Ft - Del Norte Vicinity/Northern San Luis Valley below 8500 Ft - Eastern Kiowa County - Eastern Las Animas County - Eastern Sawatch Mountains above 11000 Ft - Lamar Vicinity/Prowers County - Northern El Paso County/Monument Ridge/Rampart Range below 7500 Ft - Pikes Peak above 11000 Ft - Saguache County East of Continental Divide below 10000 Ft - Southern San Luis Valley - Springfield Vicinity/Baca County - Trinidad Vicinity/Lower Huerfano River Basin & Western Las Animas County below 7500 Ft - Western Kiowa County - Wet Mountains above 10000 Ft

	26	1200MST 1900MST			0	0	0.00K	0.00K	High Wind
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A storm system moving across the Rockies generated strong to high winds across much of southern Colorado, with measured winds gusting as high as 63 mph across the southeast plains.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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COLORADO, West

COZ012-014-018-019

Northwestern San Juan Mountains - Southwestern San Juan Mountains - Upper Gunnison River Valley - West Elk and Sawatch Mountains

07	1000MST								
08	0100MST				0	0	0.00K	0.00K	Winter Weather

A Pacific trough produced significant amounts of late season snowfall in some mountain areas of western Colorado.

CONNECTICUT, Northwest

**Litchfield County
2 NNW Norfolk**

29	1830EST				0	0			Thunderstorm Wind (52EG)
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Trees and wires were reported down due to strong thunderstorm winds, which closed a portion of Route 272, about 2 miles north-northwest of Norfolk.

A warm and very humid air mass was in place across northwestern Connecticut. As a strong cold front approached, a severe thunderstorm developed across Litchfield County. This thunderstorm produced damaging wind gusts, with trees and wires down, causing a road to be closed. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

CONNECTICUT, Southern

**Middlesex County
East Hampton**

26	1544EST				0	0	0.50K		Thunderstorm Wind (52EG)
----	---------	--	--	--	---	---	-------	--	--------------------------

Tree limbs were reported down in East Hampton.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

**Middlesex County
East Hampton**

26	1600EST				0	0			Hail (0.88)
----	---------	--	--	--	---	---	--	--	-------------

Nickel size hail was reported in East Hampton.

**Middlesex County
East Hampton**

26	1600EST				0	0	1.00K		Thunderstorm Wind (52EG)
----	---------	--	--	--	---	---	-------	--	--------------------------

A tree was reported down in East Hampton.

A passing cold front triggered isolated severe thunderstorms that downed tree limbs and a tree along with producing nickel size hail in East Hampton of Middlesex County. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

DELAWARE

DEZ002>004

Delaware Beaches - Inland Sussex - Kent

01	0000EST								
31	2359EST				0	0	0.00K	0.00K	Drought

Unseasonably dry weather continued through the month of May in Delaware. This continued the trend of 2012 as the state had its driest January through April period on record (7.17 inches statewide average) since 1895. The southern half of the state began May under severe drought status (D2 level in the U.S. Drought Monitor) with the northern half of the state under moderate drought (D1) status. As May progressed, the drought status in New Castle County improved to D0 (abnormally dry), but severe drought status continued through the month across southern Kent County and northern Sussex County. The drought was already having an impact on farming as some farmers have waited to plant crops due to low soil moisture levels while others have had to start irrigating, a practice not typically needed during spring.

On a statewide average, it was the 24th driest May since 1895. On a county weighted average, May monthly precipitation ranged from 2.2 inches in Kent and Sussex Counties to 2.5 inches in New Castle County. Normal is around 3.75 inches.

FLORIDA, East Central

**Indian River County
1 E Fellsmere**

07	1430EST				0	0	0.00K	0.00K	Hail (0.88)
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A storm chaser reported nickel sized hail just east of Fellsmere during a strong thunderstorm.

Several storms formed along the east coast sea breeze as a frontal boundary pushed south across northeast Florida, bringing an increase in moisture and lift. One of these storms became strong near Fellsmere and produced hail up to the size of nickels.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, East Central

St. Lucie County

7 WSW White City

08	1408EST 1409EST	0.02	10	0	0	0.00K	0.00K	Tornado (EF0)
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A thunderstorm intensified along the east coast sea breeze and produced a weak brief EF0 tornado (landspout) in a produce field off of Glades Cut Off Road west of Port St. Lucie. The tornado quickly crossed the road before lifting. Several photos were obtained from a local media outlet. An Emergency Management official confirmed that no damage or injuries occurred.

A strong storm developed as westerly winds interacted with the east coast sea breeze west of Port St. Lucie. This created enhanced near-surface wind shear in an unstable environment, which caused a brief weak EF0 tornado (landspout) to touchdown. No damage or injuries were reported.

Lake County

1 S Groveland Klinger Ar

15	1640EST			0	0	0.40K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds downed three trees and blew over a screen enclosure as a severe thunderstorm moved through near Groveland.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Brevard County

1 W Scottsmoor

15	1810EST			0	0	0.20K	0.00K	Thunderstorm Wind (52EG)
----	---------	--	--	---	---	-------	-------	--------------------------

A severe thunderstorm toppled several large cedar trees near Scottsmoor. Additional isolated tree damage was reported around the area.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Brevard County

4 NNW Cape Canavral Misl S

15	1815EST			0	0	0.00K	0.00K	Thunderstorm Wind (55MG)
----	---------	--	--	---	---	-------	-------	--------------------------

U.S. Air Force Wind Tower 108, north of Cape Canaveral, recorded a 63mph/55kt wind gust during a severe thunderstorm.

Note: The measured wind gust of 55 knots is equivalent to 63 mph.

Brevard County

3 NW (TIX)Space Cntr Exec

15	1830EST			0	0	0.00K	0.00K	Hail (0.75)
----	---------	--	--	---	---	-------	-------	-------------

Public reported penny-sized hail near Pinetree Gardens.

Brevard County

3 NW (TIX)Space Cntr Exec

15	1830EST			0	0	0.00K	0.00K	Thunderstorm Wind (52MG)
----	---------	--	--	---	---	-------	-------	--------------------------

A citizen reported a 60 mph thunderstorm wind gust on their home weather station near Pinetree Gardens in Titusville.

Numerous showers and thunderstorms developed ahead of a mid-level trough over the Gulf of Mexico. A few of these storms became strong to severe over portions of Brevard and Lake Counties, producing severe winds which damaged trees, and small hail. Note: The measured wind gust of 52 knots is equivalent to 60 mph.

Brevard County

2 SSW Titusville

17	1755EST			0	0	0.00K	0.00K	Hail (1.25)
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Public reported half-dollar-sized hail near Titusville.

Brevard County

1 WNW Frontenac

17	1807EST			0	0	0.00K	0.00K	Hail (1.00)
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Public reported estimated pea to quarter-sized hail around Port St. John.

Volusia County

3 SE De Land

17	1808EST			0	0	0.00K	0.00K	Hail (0.75)
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SKYWARN Spotter reported estimated penny-sized hail near Deland.

Brevard County

2 NNE Indianola

17	1839EST			0	0	0.00K	0.00K	Hail (1.00)
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Public reported estimated dime to quarter-sized hail at intersection of 528 and SR-3.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, East Central

Volusia County 3 WSW Osteen

17	1842EST				0	0	0.00K	0.00K	Hail (0.88)
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SKYWARN Spotter reported estimated nickel-sized hail in the Osteen area.

Brevard County 2 ENE Merritt Is

17	1843EST				0	0	0.00K	0.00K	Hail (1.25)
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Public reported estimated quarter to half-dollar-sized hail in Merritt Island.

Volusia County 4 SW Glencoe

17	1845EST				0	0	0.00K	0.00K	Hail (1.75)
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Public reported estimated golf ball-sized hail southwest of Glencoe.

Volusia County 4 SW Glencoe

17	1845EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
----	---------	--	--	--	---	---	-------	-------	--------------------------

Public reported estimated 60 mph winds southwest of Glencoe.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Brevard County 2 NNW Scottsmoor

17	1932EST				0	0	0.00K	0.00K	Hail (1.25)
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A coop observer in Scottsmoor reported estimated quarter to half-dollar-sized hail.

The east coast sea breeze formed in the early afternoon and propagated inland, eventually colliding with the west coast sea breeze over the central peninsula. Storms moved to the east and northeast and produced large hail over Brevard and Volusia Counties.

Okeechobee County 2 WSW Sherman

18	1700EST				0	0	0.00K	0.00K	Hail (0.88)
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Okeechobee EM relayed public report of dime to nickel-sized hail along the outlet of Taylor Creek into the Rim Canal.

Okeechobee County 1 WSW Sherman

18	1715EST				0	0	0.00K	0.00K	Hail (1.00)
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SKYWARN Spotter reported estimated dime to quarter-sized hail around Taylor Creek.

The combination of a weak surface boundary moving down the Florida peninsula and the Lake Okeechobee lake breeze helped to spark storms north and east of Lake Okeechobee during the afternoon. Cold late spring/early summer mid level temperatures allowed for the formation of severe hail in the storms over Martin County.

Martin County 6 SSW Palm City

19	1405EST 1420EST				0	0	0.00K	0.00K	Hail (1.00)
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Spotter reported quarter-sized hail which lasted for about 15 minutes southwest of Palm City.

Martin County 4 SW Palm City

19	1430EST				0	0	0.00K	0.00K	Funnel Cloud
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A Saint Lucie County Public Safety Officer observed a funnel cloud about 7 miles south of their location in Port Saint Lucie.

Martin County 5 WSW Palm City

19	1447EST 1457EST				0	0	0.00K	0.00K	Hail (0.75)
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SKYWARN Spotter observed penny-sized hail for 10 minutes near the intersection of Kanner Hwy and US-1 in Stuart.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, East Central

Martin County

Palm City

19	1450EST 1500EST				0	0	0.00K	0.00K	Hail (1.00)
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SKYWARN Spotter reported quarter-sized hail lasting 10 minutes in Palm City.

Afternoon thunderstorms spread north into Martin and Okeechobee counties just to the north of a developing trough and one storm produced a funnel cloud. Upper level temperatures were still cold enough for storms to produce severe hail.

St. Lucie County

5 W Viking

22	1357EST				0	0	0.00K	0.00K	Hail (1.00)
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SKYWARN spotter observed dime to quarter-sized hail in the Spanish Lakes Fairway housing development near the intersection of Indrio Rd. and I-95.

St. Lucie County

2 WNW Viking

22	1402EST				0	0	0.00K	0.00K	Hail (1.00)
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SKYWARN spotter observed quarter-sized hail in Lakewood Park.

St. Lucie County

1 W Ft Pierce St Lucie A

22	1420EST				0	0	0.00K	0.00K	Thunderstorm Wind (55MG)
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The St. Lucie County International Airport ASOS (KFPR) measured a thunderstorm wind gust of 55 kt/63 mph.

Note: The measured wind gust of 55 knots is equivalent to 63 mph.

St. Lucie County

2 WNW Viking

22	1435EST				0	0	0.00K	0.00K	Hail (1.25)
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WPTV relayed public report of dime to half dollar-sized hail in the Lakewood Park area.

Thunderstorms formed over the central Florida peninsula during the afternoon and moved northeast, eventually interacting with the east coast sea breeze just inland of the coast. Temperatures aloft were cold enough for thunderstorms to produce large hail and strong winds near the Saint Lucie County coast.

St. Lucie County

1 NE Port St Lucie 2 WSW Walton

28	1358EST 1402EST	0.69	40		0	0	20.00K	0.00K	Tornado (EF0)
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A line of thunderstorms formed along the sea breeze boundary within the far outer circulation of Tropical Storm Beryl. One of the storms produced a brief tornado in Lyngate Park and near the Saint Lucie Medical Center near Port Saint Lucie. Estimated sustained winds were around 65 mph, consistent with low-end EF0 damage. Minor damage was sustained to the roofs of two homes, several fences were knocked over, and a few small trees were downed. The tornado was witnessed by a Saint Lucie County Sheriff Officer and damage assessment was relayed from Saint Lucie County Emergency Management. No injuries or fatalities occurred.

FLZ041

Inland Volusia

28	1655EST				1	0	0.00K	0.00K	High Surf
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Tropical Storm Beryl impacted east central Florida during May 27-29. Rainbands directly related to the tropical storm impacted mainly areas north of a line from Orlando to Cape Canaveral. Indirect impacts occurred farther south as additional rainbands developed during daytime heating and produced scattered thunderstorms with heavy rain, gusty winds, and an isolated short-lived tornado. M19IW

FLORIDA, Extreme Southern

Monroe County

3 NNE Key Largo Pt Arpt

24	1030EST 1200EST				0	0	0.00K	0.00K	Heavy Rain
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One southbound lane of U.S. Highway 1 was closed due to standing water from heavy rain.

Heavy rain showers produced local highway flooding from standing water in Key Largo.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
FLORIDA, Northeastern									
FLZ040									
Marion	05	1121EST			0	0			Wildfire
	A wildfire was near Moss Bluff in Marion County.								
FLZ022-025									
Columbia - Duval	06	0700EST			0	0			Wildfire
	Scattered to numerous afternoon and evening storms with prevailing dry conditions sparked fires from lightning strikes and wildfires continued to burn across the area.								
Nassau County 2 SW Hero	06	1440EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
	Trees were blown down and a trampoline blown on a fence in the Timbercreek area of Yulee. The time of the event was based on radar. The cost of damage was estimated.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Nassau County 5 SE Callahan	06	1505EST			0	0	6.00K	0.00K	Thunderstorm Wind (50EG)
	Two large trees were blown down near Callahan according to the Nassau Record newspaper. A large pine tree fell on a home on Dornbush Road and another tree fell across a cedar fence at a home on Lem Turner Road near Lisa Drive. The time of the event was based on radar. The cost of damage was estimated.								
	An upper level low was over Alabama with an active southwest flow regime over SE Ga and NE Fl. A backdoor surface front was sliding SSW from Savannah. The combination of these convective ingredients combined with daytime heating over an unstable air mass produced scattered severe storms over the area during the afternoon and evening. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Duval County 1 E East Mandarin	07	1430EST			0	0			Thunderstorm Wind (50EG)
	Trees and power lines were blown down along Aladdin Terrace.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Duval County 1 W East Mandarin	07	1430EST			0	0			Thunderstorm Wind (50EG)
	Trees and power lines were blown down along Brady Road.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Suwannee County 9 SSE Lancaster	07	1700EST			0	0			Hail (1.00)
Suwannee County 9 SSE Lancaster	07	1700EST			0	0			Thunderstorm Wind (50EG)
	Power lines and a transformer were blown down near Luraville.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
FLZ024-025									
Duval - Nassau	07	2148EST 2306EST			0	0			Coastal Flood
	Scattered severe storms developed over the area in the afternoon and evening along sea breezes and their resultant outflows...and a surface front lingering over the area provided an additional focus for storms to develop. Passing upper level energy enhanced lift and high surface instability developed during the afternoon.								
Marion County 1 N Orange Spgs	08	1805EST			0	0			Thunderstorm Wind (50EG)
	A store along U.S. Highway 315 reported trees and tree debris were blown down. The time of the event was based on radar.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, Northeastern

Putnam County 1 E Interlachen

08	1825EST				0	0			Thunderstorm Wind (52EG)
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Wind gusts were estimated between 50 and 60 mph. The time of the report was based on radar imagery.

A lingering surface front, passing upper level energy, high surface instability and the sea breezes combined to produced isolated severe storms over northeast Florida. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Putnam County 1 N Bostwick

14	1541EST				0	0			Thunderstorm Wind (50EG)
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Numerous trees were blown down across West Toco Road and the CSS train track near East U.S. Highway 17.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Duval County 1 N Cosmo

14	1550EST				0	0			Hail (1.00)
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Pea size hail started around 4:50 pm local time with quarter size hail around 5 pm.

Duval County 2 NE Cosmo

14	1815EST				0	0			Heavy Rain
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Storm total rainfall of 2.9 inches through 7 pm.

Duval County Oceanway

14	1819EST				0	0			Heavy Rain
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Storm total rainfall of 2.25 inches through 7 pm.

Clay County Orange Park

14	2100EST				0	0			Heavy Rain
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Five hour rainfall totals were near 4.29 inches.

Duval County 1 W East Mandarin

14	2142EST				0	0			Heavy Rain
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Three inches of rainfall fell within 2 hours.

A lingering surface trough, passing upper level energy from a short wave trough and the sea breezes combined over an unstable airmass and southwest steering flow to produce scattered severe storms during the afternoon and evening.

Clay County 5 WNW Middleburg

15	1300EST				0	0			Thunderstorm Wind (50EG)
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Trees were blown down on power lines in the Clay Hill area.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Duval County 1 N Holly Ford

15	1339EST				0	0			Hail (1.75)
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Golf ball size hail was reported near North Main Street and Busch Drive.

Duval County 1 E Marietta

15	1340EST				0	0			Thunderstorm Wind (50EG)
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Power lines were damaged from thunderstorm winds blowing trees and debris into the power lines. Lightning strikes also damaged power lines in the area. Customers had power outages from the Jacksonville Westside area near Hyde Park beginning around 240 pm.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Duval County 1 NE Cosmo

15	1400EST				0	0			Heavy Rain
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In 30 minutes, 1.6 inches of rainfall was measured.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
FLORIDA, Northeastern									
Duval County									
1 ESE Eggleston Hgts	15	1430EST			0	0			Thunderstorm Wind (50EG)
Widespread power line damage was reported across Arlington and near Craig Airfield where trees and debris were blown into the power lines from thunderstorm winds.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
St. Johns County									
2 SW Crescent Beach	15	1508EST			0	0			Thunderstorm Wind (50EG)
A large tree was blown down at 1365 State Road 206.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Nassau County									
3 ESE Boulogne	15	1515EST			0	0			Hail (1.00)
Quarter size hail occurred between 415 pm and 430 pm. Many cars had to pull off of the road along U.S. Highway 1.									
Flagler County									
1 S Flagler Beach	15	1525EST			0	0			Thunderstorm Wind (61EG)
Thunderstorm winds blew a window off of its track at the Fire Station at 320 South Flagler. Wind gusts were estimated at 70 mph.									
A lingering surface trough, passing upper level energy from a short wave trough and the sea breezes combined over an unstable airmass and southwest steering flow to produce scattered severe storms during the afternoon and evening. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Nassau County									
1 S Fernandina Beach	17	1625EST			0	0			Hail (0.75)
Penny size hail was reported for 5 minutes with thunderstorm wind gusts of 40 to 50 mph (estimated).									
Duval County									
2 SSE Cosmo	17	1730EST			0	0			Hail (0.75)
A spotter reported dime to penny size hail for a brief period on the south end of Derringer Road.									
Duval County									
2 SSE Jacksonville	17	1740EST			0	0			Hail (0.75)
Penny to dime size hail lasted for about 10 minutes in downtown Jacksonville near the new courthouse. The time of the event was based on radar.									
Clay County									
1 WSW Mill Creek	17	1905EST			0	0			Hail (1.00)
Quarter size hail was reported near County Road 215 and State Road 21 in Middleburg.									
St. Johns County									
2 NNE Vermont Hgts	17	1913EST			0	0			Hail (0.75)
Dime to penny size hail was reported near the intersection of I-95 and State road 207.									
Clay County									
2 W Mill Creek	17	1935EST			0	0			Thunderstorm Wind (50EG)
Numerous power outages due to tree debris on power lines were reported in Middleburg. Dime size hail was also reported.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
FLORIDA, Northeastern									
Putnam County Interlachen	17	2005EST			0	0	0.00K	0.00K	Hail (1.00)
Putnam County 4 N Mannville	17	2005EST			0	0	0.00K	0.00K	Hail (0.75)
Putnam County Mannville	17	2016EST			0	0			Hail (1.75)
									Hail covered the ground.
Putnam County 1 E Hollister	17	2019EST			0	0			Hail (2.00)
Putnam County 1 E Pomona Park	17	2100EST			0	0			Thunderstorm Wind (50EG)
									Trees were blown down in Pomona Park. The time of damage was based on radar imagery.
									A surface low drifted over eastern Ga during the afternoon and evening with a trough extending to its WSW. This feature combined with active sea breezes and a very unstable airmass (noted 500 mb temperatures between -14 and -15 deg C) created scattered severe storms during the afternoon and evening. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Clay County 3 WNW Middleburg	22	1600EST			0	0			Thunderstorm Wind (50EG)
									Power lines, a transformer and trees were blown down at 161 Peppermint Avenue. The road was closed due to trees blocking the roadway.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Bradford County 2 NE Lawtey	22	1650EST			0	0			Thunderstorm Wind (50EG)
									Two barns were destroyed from strong winds. A power line was also blown down. The event occurred near Northeast 7th Ave.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Marion County 4 E Electra	22	1700EST			0	0	0.00K	0.00K	Hail (0.75)
Clay County 1 WSW Mill Creek	22	1717EST			0	0			Hail (0.88)
									Nickel size hail was observed on Blanding Blvd.
Clay County 1 W Mill Creek	22	1720EST			0	0			Hail (0.88)
									Nickel size hail was reported on the Black Creek Bridge.
Bradford County 6 WNW Lawtey	22	1730EST			0	0			Thunderstorm Wind (50EG)
									Trees were blown down and totally blocked County Road 125 near Evergreen Church.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Flagler County 2 NW Daytona North	22	1834EST			0	0	0.00K	0.00K	Hail (0.75)
									A mid and upper level trough moved over the area during the afternoon and evening which triggered scattered severe storms. Upper level temperatures at 500 mb were around -13 to -15 deg C which provided significant destabilization.
FLZ040									
	26	1411EST			0	0			Wildfire

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, Northeastern

FLZ025

Duval

26	1525EST				0	1			Rip Current
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A wildfire about 4 miles west of Summerfield grew to 6 acres and caused evacuations. Along the Atlantic coast, many rip currents rescues were performed the same afternoon.

FLZ036

Alachua

26	1630EST				0	0			Wildfire
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A wildfire about 5 miles WNW of Waldo in Alachua county caused significant visibility restrictions which resulted in some road closures.

Suwannee County 3 NE O'Brien

27	0001EST				0	0	10.00K	10.00K	Flood
29	2359EST				0	0			

The media and emergency management reported 11 to 15 inches of storm total rainfall across eastern Suwannee County. About 8 miles NE of Branford, 11.80 inches of rainfall was measured during Beryl. In Wellborn, 15 inches of rainfall was measured. The cost of damage is unknown, and a base amount was estimated so the report could be included in Storm Data (must enter a damage cost for the report to be accepted by the software).

FLZ024-038

Duval - Flagler - Nassau

27	1103EST				0	0			Tropical Storm
	2135EST								

Tropical Storm Beryl moved onshore on the northeast Florida coast the night of Sunday May 27th...and moved slowly inland across north Florida Monday the 28th and on the 29th began to recurve to the northeast over south Georgia. Tropical storm force winds caused tree and power line damage mainly impacting coast counties late on the 27th and during the early morning hours of the 28th. The strongest winds measured was a 73 mph gust at 10:35 pm on the 27th at Buck Island on the St. Johns River, just west of Mayport. On the 28th and 29th, as Beryl tracked slowly over north Florida and south Georgia, flooding rainfall developed with storm total rainfall amounts of 6 to 15 inches reported across northeast Florida and southeast Georgia.



A parking garage at 1596 Lancaster Terrace in Jacksonville was flooded.

Duval County 3 SSW Jacksonville

28	0100EST				0	0	20.00K	0.00K	Flood
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River flooding and river surge along the St. Johns River produced water of 2 to 6 inches deep at the Parkland Condos at 1846 Margaret St. in Jacksonville. The cost of property damage was estimated.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

FLORIDA, Northeastern

Flagler County Palm Coast

28	0730EST				0	0			Heavy Rain
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Storm total rainfall from central Palm Coast was 4.02 inches. Northern Palm Coast reported 2.5 inches and west Palm Coast reported 2.25 inches.

Strong dynamics combined with daytime instability associated with weakening TS Beryl over NE Florida produced a few severe storms with gusty winds. Flooding rainfall also occurred.

FLZ032-033

Clay - St. Johns

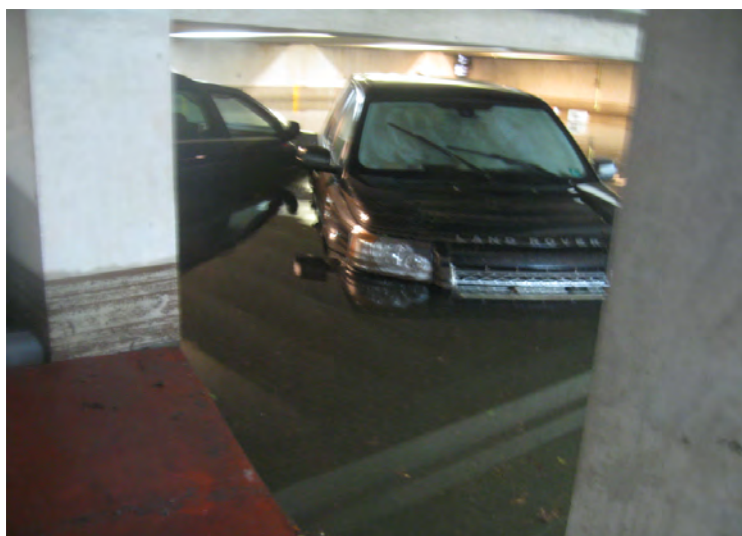
28	0752EST				0	0			Tropical Storm
	0821EST								

Duval County 3 SSW Jacksonville

28	0943EST				0	0	20.00K	0.00K	Flash Flood
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At 10:43 am, flooding was reported at 1596 Lancaster Terrace at the Broadview Towers Condos. The river rose similar to levels observed during TS Fay in 2008. A below ground parking lot was completely flooded with three cars floating. The river was breaking over the sea wall. Peak flooding at this location occurred between 4 to 5 am. At the same time, flooding was also reported at the corner of Copland St and Riverside Ave. Parts of the sea wall were removed and moved about 8 to 12 feet. A dock was destroyed and debris was dispersed throughout the area. The peak flooding at this location was between 5 and 6 pm. The cost of damage was estimated.

Tropical Storm Beryl moved onshore on the northeast Florida coast the night of Sunday May 27th...and moved slowly inland across north Florida Monday the 28th and on the 29th began to recurve to the northeast over south Georgia. Tropical storm force winds caused tree and power line damage mainly impacting coast counties late on the 27th and during the early morning hours of the 28th. The strongest winds measured was a 73 mph gust at 10:35 pm on the 27th at Buck Island on the St. Johns River, just west of Mayport. On the 28th and 29th, as Beryl tracked slowly over north Florida and south Georgia, flooding rainfall developed with storm total rainfall amounts of 6 to 15 inches reported across northeast Florida and southeast Georgia.



Flooding of the parking garage at Lancaster Ave.

Suwannee County 10 WSW Pine Mount

28	1330EST				0	0			Heavy Rain
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Four inches of rain fell in a 4 hour period about 3 miles east of Luraville.

Marion County 2 W Summerfield

28	1635EST				0	0			Thunderstorm Wind (50EG)
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Trees were blown down on Southeast 140th Street and in the Highlands Subdivision.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, Northeastern

Duval County 1 N Lakewood

28	1720EST				0	0			Thunderstorm Wind (50EG)
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Thunderstorm winds blew down trees that landed on a home on Secretariat Lane West.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Suwannee County 5 E Obrien

28	1745EST				0	0			Heavy Rain
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Rainfall totaled around 6 inches 7 miles northeast Branford.

Strong dynamics combined with daytime instability associated with weakening TS Beryl over NE Florida produced a few severe storms with gusty winds. Flooding rainfall also occurred.

FLZ021

Suwannee

28	1940EST				0	0			Tropical Storm
	2020EST								

Tropical Storm Beryl moved onshore on the northeast Florida coast the night of Sunday May 27th...and moved slowly inland across north Florida Monday the 28th and on the 29th began to recurve to the northeast over south Georgia. Tropical storm force winds caused tree and power line damage mainly impacting coast counties late on the 27th and during the early morning hours of the 28th. The strongest winds measured was a 73 mph gust at 10:35 pm on the 27th at Buck Island on the St. Johns River, just west of Mayport. On the 28th and 29th, as Beryl tracked slowly over north Florida and south Georgia, flooding rainfall developed with storm total rainfall amounts of 6 to 15 inches reported across northeast Florida and southeast Georgia.

Marion County 2 NNE Chatmar 3 S Luddersville

28	2215EST				0	0	10.00K	0.00K	Flood
	2230EST								

Flooding from TS Beryl rainfall produced water intrusion into a home on the 200th block of SW 80th Place Road. The railroad trestle near Highway 40 and Highway 41 intersection was impassable due to flood waters. The cost of damage was estimated.

Strong dynamics combined with daytime instability associated with weakening TS Beryl over NE Florida produced a few severe storms with gusty winds. Flooding rainfall also occurred.

Columbia County 6 SSE Ellsville

29	1240EST				0	0			Funnel Cloud
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Several public reports of a funnel cloud near Oleno State Park. No damage was seen when officials arrived to survey.

Bradford County Starke

29	1510EST				0	0	2.00K		Thunderstorm Wind (45EG)
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A tree and power line were blown down on State Road 16 in Heilborn Springs. The time was estimated based on radar. The cost of damage was estimated.

Tropical Storm Beryl moved onshore on the northeast Florida coast the night of Sunday May 27th...and moved slowly inland across north Florida Monday the 28th and on the 29th began to recurve to the northeast over south Georgia. Tropical storm force winds caused tree and power line damage mainly impacting coast counties late on the 27th and during the early morning hours of the 28th. The strongest winds measured was a 73 mph gust at 10:35 pm on the 27th at Buck Island on the St. Johns River, just west of Mayport. On the 28th and 29th, as Beryl tracked slowly over north Florida and south Georgia, flooding rainfall developed with storm total rainfall amounts of 6 to 15 inches reported across northeast Florida and southeast Georgia. Note: The estimated wind gust of 45 knots is equivalent to 52 mph.

Marion County 4 E Bruceville

30	1525EST				0	0			Thunderstorm Wind (50EG)
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Trees and power lines were blown down for 1-2 miles along County Road 314A from the 3700 to 6000 block.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Marion County 3 ENE Bruceville

30	1529EST				0	0			Thunderstorm Wind (50EG)
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Widespread tree damage was reported. The tops of large oak trees were torn off and power outages were reported in the area. Pea size hail was also observed.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, Northeastern

Marion County

3 ENE Bruceville

30	1529EST				0	0			Thunderstorm Wind (50EG)
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County dispatch reported a large tree fell on a home on Northeast 166th Terrace. No injuries were reported, and residents were not home at the time of damage. Numerous trees and power lines were blown down in the neighborhood.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Flagler County

1 S Bulow

30	1621EST				0	0			Thunderstorm Wind (50EG)
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Trees were blown down on Old Kings Road in Bulow.

TS Beryl was inland and north of SE Ga, although a lingering convergence zone on the south side of the storm was over NE FL. This trough axis combined with daytime instability and passing upper level trough energy produced severe storms over Marion and Flagler counties during the afternoon that produced widespread wind damage. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Duval County

1 SW Simpson Yard

31	1450EST				0	0			Thunderstorm Wind (50EG)
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Strong downburst winds removed the roof at the Lee and Cates Glass manufacturing warehouse. Heavy water damage occurred inside the facility. The time of the event was based on radar.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Duval County

2 E Marietta

31	1452EST				0	0			Thunderstorm Wind (50EG)
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A furniture store on Beaver and Lane Streets was damaged with a least a quarter of the tin roof peeled off.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Duval County

1 E Marietta

31	1454EST				0	0	20.00K		Thunderstorm Wind (50EG)
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Several trees were blown down in a neighborhood just northwest of the I-295 and I-10 intersection. Trees were blown down on homes on Mariner Street and Paschal Street. A roof was blown off of a business. The cost of damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Duval County

Marietta

31	1455EST				0	0	5.00K		Thunderstorm Wind (50EG)
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A tree fell on a home at Mariner Street and Memorial Park Road. The cost of damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Duval County

1 SE Marietta

31	1455EST				0	0			Thunderstorm Wind (50EG)
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A carport was flipped at Ramona Blvd and Westgate Drive. The time of the damage was based on radar.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Duval County

1 SE Marietta

31	1455EST				0	0			Thunderstorm Wind (50EG)
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A tree was down across I-295 just south of I-10. Pea size hail was reported near Pritchard Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

St. Johns County

2 NE Fruit Cove

31	1508EST				0	0			Thunderstorm Wind (50EG)
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Trees were down and blocking the road on Durbin Creek Blvd. Other tree debris was on the road near Davis Pond. The time of damage was based on radar.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
FLORIDA, Northeastern									
Duval County 2 SSW Center Park	31	1514EST			0	0			Hail (0.88)
	Dime to nickel size hail was reported at the St. Johns Town Center.								
Duval County 2 SSW Center Park	31	1520EST			0	0			Hail (0.75)
	Penny size hail was reported at the St. Johns Town Center.								
St. Johns County Sampson Church	31	1530EST			0	0			Thunderstorm Wind (50EG)
	A large wooden play house was thrown across the yard near I-95 and County Road 210. Patio furniture was thrown. The time of damage was based on radar.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Duval County 3 SE Hogan	31	1545EST			0	0			Heavy Rain
	Heavy rainfall caused flooding on Gate Parkway and Town Center Parkway. Traffic was stopped.								
Duval County 3 SSW Center Park	31	1600EST			0	0			Heavy Rain
	Heavy rainfall of 3.1 inches fell at Gate Parkway and I-295. A total of 8.9 inches of rainfall fell at this location over the past 5 days, which included T.S. Beryl rainfall.								
Flagler County 2 ENE Bulow	31	1730EST			0	0			Thunderstorm Wind (50EG)
	Soffits on two homes were damaged and landscape structures were displaced by thunderstorm winds. The tops of trees were sheared off. The time of the event was based on radar.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Flagler County 1 S Flagler Beach	31	1745EST			0	0			Thunderstorm Wind (50EG)
	A pool enclosure on Ocean Drive was destroyed by thunderstorm winds.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Flagler County 1 S Flagler Beach	31	1747EST			0	0			Heavy Rain
	In 30 minutes, 1.75 inches of rain fell in Flagler Beach.								
Flagler County Palm Coast	31	1751EST			0	0			Thunderstorm Wind (50EG)
	A tree was down on Seminole Wood Parkway.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Flagler County 1 S Flagler Beach	31	1752EST			0	0			Heavy Rain
	Minor street flooding was reported on A1A in downtown Flagler Beach.								
Flagler County 1 S Flagler Beach	31	1754EST			0	0			Thunderstorm Wind (50EG)
	Power lines were blown down at South 22nd and Central Avenue as well as on South 18th Street.								
	Southwest steering flow under an upper level trough and cool 500 mb temperatures in the -11 deg C range helped destabilize the atmosphere. Numerous severe storms developed over northeast Florida during the afternoon and evening as the sea breezes, river breeze and resultant outflow boundaries interacted under the unstable airmass. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, Northwest

**FLZ008>019-026>
029-034-107>108-
112-114>115-118-
127>128-134**

Bay - Calhoun - Coastal Bay - Coastal Dixie - Coastal Franklin - Coastal Gulf - Coastal Jefferson - Coastal Taylor - Coastal Wakulla - Coastal Walton - Dixie - Franklin - Gadsden - Gulf - Holmes - Jackson - Jefferson - Lafayette - Leon - Liberty - Madison - North Walton - South Walton - Taylor - Wakulla - Washington

01	0000EST								
31	2359EST				0	0	0.00K	0.00K	Drought

Drought conditions ranged from D2 severe status to D4 exceptional status across the area to start the month. The D4 conditions were confined to the southeast big bend, including portions of Taylor, Lafayette, and Dixie counties. Fortunately, the remnants of Tropical Storm Beryl impacted the southeast big bend at the end of the month with heavy amounts of rain, and the drought status there improved from D4 to D3.

**Washington County
Vernon**

06	1507CST								
					0	0	3.00K	0.00K	Thunderstorm Wind (50EG)

Trees and power lines were blown down near Vernon. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

**Gadsden County
2 SSW Douglas City**

06	1620EST								
					0	0	1.00K	0.00K	Thunderstorm Wind (50EG)

A large tree fell and completely blocked I-10 westbound between mile markers 177 and 178. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

**Gadsden County
6 ENE Mount Pleasant**

06	1620EST								
					0	0	1.00K	0.00K	Thunderstorm Wind (50EG)

A tree was blown down near Mt. Hosey Church Road. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

**Gadsden County
1 SSW Darsey**

06	1620EST								
					0	0	1.50K	0.00K	Thunderstorm Wind (50EG)

Two trees were blown down on McNair Road. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

**Gadsden County
Douglas City**

06	1620EST								
					0	0	3.00K	0.00K	Thunderstorm Wind (50EG)

Power lines were blown down along Highway 90 west of Quincy. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

**Gadsden County
1 E Magnet Cove**

06	1624EST								
					0	0	1.00K	0.00K	Thunderstorm Wind (50EG)

A tree was blown down near Glades Road. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

**Gadsden County
2 NNW Juniper**

06	1625EST								
					0	0	1.00K	0.00K	Thunderstorm Wind (50EG)

A tree was blown down west of Greensboro. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

**Gadsden County
1 W Quincy**

06	1630EST								
					0	0	1.00K	0.00K	Thunderstorm Wind (50EG)

A tree was blown down near Quincy. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
FLORIDA, Northwest									
Gadsden County 2 SSW Shady Rest	06	1630EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down onto power lines and caused a fire along Highway 90 southeast of Quincy. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Gadsden County 1 E Juniper	06	1630EST			0	0	1.50K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down onto power lines on Telogia Creek Road. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Gadsden County 1 E Concord	06	1630EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down on Barber Road outside of Havana. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Leon County Maclay Gardens	06	1630EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down near 1100 Maclay Road. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Leon County 1 SW Forest Meadows Park	06	1630EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down near the intersection of Meridian Road and Maclay Road. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Leon County 1 N Tallahassee Community Ap	06	1633EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A power line was blown down near 5135 Meadowlark Lane. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Leon County 1 NNE Tallahassee Comm Apt	06	1634EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down near the intersection of Old Bainbridge and Valley Farm Road. Monetary damage was estimated.									
Very steep lapse rates were in place atop rich boundary layer moisture with 500 mb temperatures from -11C to -14C. This supported strong instability with afternoon SBCAPE values exceeding 3000 J/Kg. Winds aloft were weak, so storms were mainly pulse in nature with brief-lived intense cores. The strongest of these pulsating storms produced large hail and damaging winds. Storms became semi-organized along a common outflow late in the day and shifted southward. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Leon County 1 ESE Apalachee Regional Pk	07	1625EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
Two trees were blown down on Louvinia Drive between Apalachee Pkwy and Old St. Augustine Road. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Madison County 2 S Greenville	07	1815EST			0	0	0.50K	0.00K	Thunderstorm Wind (45EG)
A single tree was blown down near Highway 221 just north of Interstate 10. There were no other reports of trees blown down anywhere else in the surrounding area. Monetary damage was estimated.									
Note: The estimated wind gust of 45 knots is equivalent to 52 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, Northwest

Taylor County

Hampton Springs

09	1735EST				0	0	0.50K	0.00K	Thunderstorm Wind (45EG)
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One tree was blown down on Hampton Springs Road with no other reports of trees down or damage in the area.

The airmass was similar to what one would find on a summer day with moist and unstable conditions and weak winds aloft. Storms were pulse in nature with brief gusty winds. Note: The estimated wind gust of 45 knots is equivalent to 52 mph.

Bay County

6 NE Westbay

13	0000CST				0	0	0.00K	0.00K	Heavy Rain
	2359CST								

The Northwest Florida Beaches International Airport (KECP) received a daily rainfall total of 3.02 inches.

Walton County

3 WNW Inlet Beach

13	0952CST				0	0	0.00K	0.00K	Funnel Cloud
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A rapidly rotating wall cloud was observed with a brief, rain-wrapped funnel cloud.

Bay County

Panama City

13	1215CST				0	0			Heavy Rain
	1500CST								

Urban flooding occurred in Panama City in poor drainage and construction areas due to training thunderstorms. A rain gauge located in the Forest Park area received 3.46 inches of rain for the day, with most of that occurring between 12:13 pm and 1:29 pm.

Leon County

Lake Ella

13	1505EST				0	0	0.50K	0.00K	Thunderstorm Wind (45EG)
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A single tree was blown down in the southbound lane of Thomasville Road near Ponce Street. No other damage or trees down were reported in Tallahassee. Monetary damage was estimated.

A weakening upper level trough moved across the area. A warm front was also located across the region. Scattered thunderstorms occurred. Several storms exhibited rotation along the warm front and a funnel cloud was reported. However, no damage was reported, other than a single tree being blown down in Tallahassee from a non-severe storm. Some urban flooding was reported around Panama City. Note: The estimated wind gust of 45 knots is equivalent to 52 mph.

Leon County

1 S Tallahassee Community Apt 15

13	1434EST				0	0	0.00K	0.00K	Hail (0.88)
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A trained spotter measured nickel sized hail and estimated wind gusts around 40 mph near Tower Road.

An unstable airmass was in place across the area with effective shear around 30 knots. Max delta-thetae was around 25C with some mid level dry air. The result was scattered thunderstorms with hail and gusty winds.

Liberty County

3 WNW Roy

22	1339EST				0	0	0.00K	0.00K	Hail (0.75)
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Dime to penny size hail was reported at Torreya State Park.

Liberty County

Sweetwater

22	1439EST				0	0	0.00K	0.00K	Hail (0.75)
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Liberty County

Rock Bluff

22	1446EST				0	0	0.00K	0.00K	Hail (0.75)
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Gadsden County

Hardaway

22	1500EST				0	0			Hail (1.75)
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WCTV relayed a viewer report of half dollar to golf ball size hail covering a yard in the Hardaway area.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
FLORIDA, Northwest									
Liberty County 1 NE Bristol	22	1519EST			0	0			Hail (1.25)
	Hail larger than quarters was reported at the Piggly Wiggly in Bristol.								
Liberty County 1 E Bristol	22	1521EST			0	0			Hail (1.75)
	A viewer report of hail to the size of golf balls was relayed by the media just east of Bristol.								
Liberty County Hosford	22	1550EST			0	0			Hail (1.75)
	Golf ball size hail fell in Hosford.								
Liberty County Hosford	22	1550EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
	At least two trees were blown down in Hosford. Monetary damage was estimated.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Liberty County 6 ESE Lowry	22	1600EST			0	0			Hail (1.00)
	Hail to the size of quarters was reported at the Southern Express Store east of Hosford along State Road 20.								
Leon County Bloxham	22	1610EST			0	0			Hail (1.75)
	Hail to the size of golf balls was reported around Bloxham via the WMBB-TV facebook page.								
Wakulla County 2 SSW Ivan	22	1650EST			0	0			Hail (1.00)
	Mainly pea size hail fell on Trice Lane, but a few stones up to the size of quarters were also mixed in.								
	An upper level trough moved into the region with steep mid level lapse rates and cold temperatures aloft. A surface boundary also moved in from the northwest. Deep moisture convergence and ample amounts of shear combined to produce rather large hail across the area.								
Lafayette County 3 N Mayo	28	0000EST							
	29	0400EST			0	0	0.00K	0.00K	Heavy Rain
	A storm total of 5.20 inches through 5 am EDT was measured at a USGS rain gauge just south of Luraville.								
Lafayette County 1 NW Cooks Hammock	28	0000EST							
	29	0400EST			0	0	0.00K	0.00K	Heavy Rain
	A storm total of 8.09 inches through 5 am EDT was measured on the Suwannee River Water Management District Rain Gauge located near Cooks Hammock.								
Lafayette County 1 SSW Hatchbend	28	0000EST							
	29	0400EST			0	0	0.00K	0.00K	Heavy Rain
	A storm total of 5.09 inches was measured through 5 am EDT at a private weather station just south of Hatchbend.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, Northwest

Taylor County

(40J)Perry-Foley Arpt

28	0000EST								
29	0400EST				0	0	0.00K	0.00K	Heavy Rain

A storm total of 4.19 inches through 5 am EDT was measured at the Perry-Foley airport.

Taylor County

2 NE Fenholloway

28	0000EST								
29	0400EST				0	0	0.00K	0.00K	Heavy Rain

A storm total of 4.65 inches was measured through 5 am EDT at the Suwannee River Water Management District rain gauge FOLF1.

Lafayette County

1 SE Midway

28	0030EST								
29	0530EST				0	0			Heavy Rain

A storm total of 12.65 inches was measured through 6:30 am EDT at the Suwannee River Water Management rain gauge MDWF1.

The remnants of Tropical Storm Beryl affected the southeast big bend of Florida with very heavy rainfall, in excess of 12 inches in some areas. However, due to the ongoing extreme drought across the area, no flooding of significance was reported.

Walton County

2 N Gaskin

30	0156CST				0	0	1.50K	0.00K	Thunderstorm Wind (50EG)
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At least two trees were blown down on Highway 83 near the AL/FL state line. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Wakulla County

1 WNW Panacea

30	1405EST				0	0	0.00K	0.00K	Hail (0.75)
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Dime sized hail was reported on Dickson Bay Road.

Walton County

1 SE Freeport

30	1532CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was reported near Old Jolly Bay Road and Highway 331.

Calhoun County

2 WNW Altha

31	1200CST				0	0	7.00K	0.00K	Thunderstorm Wind (60EG)
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Several large oak trees were snapped near the Oglesby Nursery on Bodiford Road, Oglesby Road, and Buddy Johnson Road. There was also roof damage to two of the nursery buildings and damage to a shed. Monetary damage was estimated.

Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

Leon County

1 E Macon Community Park

31	1520EST				0	0	0.75K	0.00K	Thunderstorm Wind (45EG)
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A single tree fell on Thomasville Road between Hermitage Blvd and I-10 with no other trees down in the area. Monetary damage was estimated.

Note: The estimated wind gust of 45 knots is equivalent to 52 mph.

Jackson County

3 NE Richter Crossroads

31	1725CST				0	0	7.00K	0.00K	Thunderstorm Wind (55EG)
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Several trees were snapped in a very localized area and one tree fell onto a home. Monetary damage was estimated.

Weak upper level troughing, instability over 2000 j/kg, dry air aloft, and fairly steep mid level lapse rates contributed to a few strong to severe thunderstorms. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, Southern

FLZ063-066-070

Glades - Hendry - Inland Collier - Inland Palm Beach

01	0000EST								
22	0700EST			0	0	0.00K	0.00K	Drought	

An early start to the wet season caused by persistent low pressure over the Gulf of Mexico led to the improvement in drought conditions over interior South Florida and the Lake Okeechobee area.

Palm Beach County

12 WNW Boca Raton

01	1650EST								
	1715EST			0	0	0.00K	0.00K	Funnel Cloud	

Multiple reports of funnel clouds observed just west of the metro areas of southern Palm Beach County.

Afternoon and evening thunderstorms developed in southwest flow associated with the outer circulation of Tropical Storm Beryl.

Miami-Dade County

4 NE Opa Locka

08	1305EST								
				0	0			Thunderstorm Wind (59MG)	

A strong thunderstorm produced a wind gust of 59 knots...or 68 mph...measured by a mesonet site at Sun Life Stadium.

Note: The measured wind gust of 59 knots is equivalent to 68 mph.

Palm Beach County

2 WNW Tequesta

08	1345EST								
				0	0	2.00K	0.00K	Thunderstorm Wind (56EG)	

Media reported several tree branches were snapped and two light poles were either bent or knocked down near the intersection of Indian Creek Parkway and Maplewood Drive. Damage reported was on the property of St. Peter Church.

An upper level trough of low pressure over Central Florida and abundant tropical moisture across South Florida caused scattered showers and thunderstorms during the afternoon. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Miami-Dade County

1 WSW Miami Beach

09	1504EST								
	1510EST			0	0			Hail (0.75)	

An off duty NWS meteorologist reported penny sized hail in Miami Beach.

Miami-Dade County

1 ENE Miami

09	1510EST								
				0	0			Hail (0.75)	

The public reported penny sized hail in downtown Miami.

Miami-Dade County

3 SSW Biscayne Park

09	1510EST								
				0	0			Hail (1.50)	

Multiple reports of hail ranging in size from an inch to an inch and a half were received from employees at the Hurricane Research Division on Virginia Key.

Miami-Dade County

1 SE Miami

09	1510EST								
				0	0			Hail (0.88)	

The media reported nickel sized hail near Brickell Avenue in downtown Miami.

Miami-Dade County

1 SW Miami Beach

09	1510EST								
				0	0			Hail (1.00)	

The media reported one inch hail near Miami Beach.

Miami-Dade County

1 E Miami

09	1510EST								
				0	0			Hail (1.25)	

The public reported hail up to 1.25 inches in diameter near downtown Miami.

Abundant tropical moisture along with an unstable air mass produced scattered strong to severe thunderstorms across portions of southeast Florida.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
FLORIDA, Southern									
FLZ168-172			Coastal Broward - Palm Beach						
	13	1030EST 1400EST			1	3			Rip Current
			A strong east wind produced dangerous rip currents at the beaches along the Atlantic Coast. M53IW						
Broward County 8 N Miramar	14	1603EST			0	0			Thunderstorm Wind (52EG)
			A member of the public reported an estimated wind speed of 45 mph with gusts to 60 mph near the intersection of Glades Parkway and Interstate 75 in Northwest Weston.						
			A deepening upper level trough across the eastern U.S. caused increasing moisture over South Florida and led to scattered afternoon thunderstorms. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.						
Palm Beach County 6 W Jupiter	15	1439EST			0	0			Hail (0.88)
			Media relayed a report of nickel-sized hail in Jupiter Farms.						
			A deep upper level trough over the eastern U.S. combined with abundant tropical moisture and instability over South Florida produced scattered afternoon thunderstorms.						
Miami-Dade County 3 W Sweet Water	18	1300EST			0	0	1.00K	0.00K	Thunderstorm Wind (56EG)
			Large tree branches were snapped and broken off in a two-square-block area near the intersection of SW 8th Street and SW 142th Avenue, resulting from a downburst associated with a severe thunderstorm.						
			Note: The estimated wind gust of 56 knots is equivalent to 64 mph.						
Miami-Dade County 3 WSW Hialeah Gardens	18	1310EST			0	0	1.00K	0.00K	Thunderstorm Wind (56EG)
			An off duty meteorologist reported trees downed near the intersection of NW 64th Street and NW 114th Avenue in Doral.						
			Note: The estimated wind gust of 56 knots is equivalent to 64 mph.						
Miami-Dade County 3 WSW Sweet Water	18	1310EST			0	0			Thunderstorm Wind (52EG)
			A trained spotter reported a tree down near the intersection of SW 8th Street and SW 139th Avenue.						
			Note: The estimated wind gust of 52 knots is equivalent to 60 mph.						
Miami-Dade County 4 WSW Hialeah Gardens	18	1313EST			0	0			Hail (0.75)
			Penny sized hail was reported at Eugenia B. Thomas School in Doral.						
Broward County 2 SSW Hillsboro Beach	18	1314EST			0	0			Hail (1.25)
			A spotter reported quarter sized hail to almost half dollar size along with estimated wind gusts of 35-45 mph.						
Miami-Dade County 3 N Sweet Water	18	1315EST			0	0			Hail (1.25)
			Hail slightly larger than a quarter was reported near the intersection of NW 41st Street and NW 107th Avenue in Doral.						
Miami-Dade County 2 WSW Hialeah Gardens	18	1315EST			0	0			Thunderstorm Wind (52EG)
			The public estimated wind gusts to 60 mph in Doral.						
			Note: The estimated wind gust of 52 knots is equivalent to 60 mph.						

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
FLORIDA, Southern									
Miami-Dade County									
3 NNW Sweet Water 2 W Medley	18	1315EST 1320EST			0	0	5.00K	0.00K	Thunderstorm Wind (56EG)
Media reported large trees uprooted and lightpole downed in the area of NW 41 ST and NW 58 streets between NW 95 Ave and NW 113 Ave in Doral.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Miami-Dade County									
3 WSW Hialeah Gardens 2 S Pennsuco	18	1315EST			0	0	3.00K		Thunderstorm Wind (61EG)
Trees were down and window screens blown out in Balmoral Estates and Doral Isles in Doral. Winds were estimated 60 to 70 mph.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Miami-Dade County									
3 WSW Hialeah Gardens	18	1315EST			0	0			Thunderstorm Wind (61EG)
A member of the public estimated wind gusts up to 70 mph near the intersection of NW 58th Street and NW 107th Avenue in Doral.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Miami-Dade County									
4 WSW Hialeah Gardens	18	1317EST			0	0			Thunderstorm Wind (52EG)
An off duty meteorologist reported at least two trees snapped near the Eugenia B. Thomas School in Doral.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Miami-Dade County									
1 S Medley	18	1320EST			0	0			Hail (1.00)
Media reported quarter sized hail near the intersection of Palmetto Expressway and Doral Blvd.									
Hendry County									
2 E Harlem	18	1535EST 1538EST			0	0	5.00K		Thunderstorm Wind (61EG)
The Emergency Manager for Hendry County reported a severe thunderstorm snapped several trees and downed at least 6 powerline poles near the intersection of old U.S. Highway 27 and Hookers Point Road east of Clewiston.									
A strong upper level trough of low pressure moved across South Florida and produced numerous strong to severe thunderstorms during the afternoon. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Miami-Dade County									
1 WNW Miami Lake	20	1835EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Tree branches of 3-4 inches in diameter were snapped near the intersection of NW 67 Ave and the Palmetto Expressway in Miami Lakes.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Glades County									
19 NE Lakeport	20	2139EST			0	0	0.00K	0.00K	Hail (0.88)
Nickel-size hail reported in Buckhead Ridge.									
A strong and persistent upper-level trough over the Gulf of Mexico continued to provide a moist and unstable air mass across south Florida.									
Broward County									
7 WNW Coral Spgs	22	1250EST 1300EST			0	0	0.00K	0.00K	Funnel Cloud
A funnel cloud was observed by motorists along the Sawgrass Expressway in NW metro Broward County. The funnel cloud was just west of the highway in an unpopulated area and extended very close to the ground, although there were no confirmed reports of a touchdown.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, Southern

Miami-Dade County

2 SW Hialeah Gardens Miami Spgs	22	1305EST 1615EST			0	0	0.00K	0.00K	Flash Flood
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A band of showers and a few thunderstorms along with torrential rainfall developed over the far western portions of the Miami-Dade County metropolitan area and moved east through the area from Kendall to Doral and Miami Springs. The ASOS at Miami International Airport recorded 4.40 inches of rainfall between 1245 and 2 PM EDT. During this time, a trained spotter reported 1 foot of water covering NW 82nd Avenue south of NW 25th Street in Doral. Shortly after 2 PM, an off-duty meteorologist reported cars floating in the street near the intersection of NW 36th Street and NW 82nd Avenue in Doral. Several cars in the area stalled out in high waters that had inundated the streets. On NW 82nd Avenue along the 2800 block, a large pickup stalled out in the flood waters and a tow truck pulled it to safety with two occupants still inside. On 87th Avenue, a woman driving a minivan stalled out and had to wait for a tow truck to pull her to safety. Other rainfall reports received in this event were 3.64 inches at the National Weather Service Forecast Office on the FIU South Campus and 4.03 inches at Ruben Dario Middle School in Sweetwater.

Damage totals for this event are included in the event which occurred later in the evening over the same area.

Miami-Dade County

2 SW Hialeah Gardens Virginia Gardens	22	1900EST 2130EST			0	0	75.00K	0.00K	Flash Flood
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A second band of numerous showers and a few thunderstorms accompanied with intense rainfall moved through the same area of Miami-Dade County that received very heavy rainfall earlier in the day. The first significant report of flooding with this event was received at 810 PM EDT in Doral by the media stating that the canal running along NW 25th Street near NW 107th Avenue had overflowed its banks and flooded a nearby police department parking lot. Later reports received at 830 PM EDT indicated that rising flood waters had inundated some apartments at the Fountainbleau Gardens Apartments on 81st Avenue and NW 7th Street. A HAM radio operator reported at 938 PM EDT road closure of 87th Avenue near NW 12th Street due to flooding and at 950 PM EDT the same person reported that the Dolphin Expressway...State Road 836...was nearly impassable near the Palmetto Expressway...State Road 826...overpass due to standing water on the roadway. Many roads in Doral were under several feet of water, resulting in stalled cars and water entering businesses in warehouse districts.

Damage totals indicated for this event also include the previous flooding earlier in the afternoon.

The ASOS at Miami International Airport received an additional three plus inches of rainfall making the total for the calendar day to 9.7 inches which was a record daily amount. This also made it the second wettest day recorded in Miami for the month of May with continuous records back to 1895. Storm total rainfall amounts in the Sweetwater and Doral areas ranged from 8 to 10 inches, with an area of 4 to 7 inches extending from the FIU area to near the Dolphin Mall.

An upper level trough of low pressure moved across South Florida interacting with abundant tropical moisture to produce some record amounts of rainfall across the Miami-Dade County metropolitan region.

FLZ173

Miami-Dade

	24	1100EST 1225EST			0	0			High Wind
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An area of low pressure, which a few days later became Tropical Storm Beryl off the SE United States coast, rapidly developed along a surface trough over the Florida Keys and then moved northeast along the Florida coast causing strong wind gusts.

Broward County

2 SE Miramar	27	1546EST			0	0			Hail (1.00)
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A trained spotter reported 1 inch hail in western Miramar near the intersection of SW 178th Ave. and Miramar Parkway.

Broward County

3 ESE Miramar	27	1550EST			0	0			Hail (0.75)
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A trained spotter reported penny-sized hail near the intersection of Interstate 75 and Miramar Parkway. The spotter also estimated wind gusts to 50 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, Southern

Palm Beach County 1 SSW Westgate

27	1551EST				0	0			Thunderstorm Wind (57MG)
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The ASOS at Palm Beach International Airport recorded a wind gust of 57 knots...66 mph...in a severe thunderstorm.

Note: The measured wind gust of 57 knots is equivalent to 66 mph.

Broward County 2 W Lauderhill

27	1608EST				0	0			Thunderstorm Wind (52EG)
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A trained spotter estimated wind gusts to 60 mph near the intersection of SW 55th Avenue and SW 19th Street in Plantation. The spotter also reported flying debris.

The outer convergence bands from Subtropical Storm Beryl located off the northeast Florida coast caused strong to severe afternoon thunderstorms along the Southeast Florida coast. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Broward County 2 W Lauderhill

29	1727EST				0	0			Thunderstorm Wind (52EG)
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A member of the public reported estimated wind gusts of 60 mph near the intersection of SW 19th Street and SW 55th Avenue in Plantation.

The proximity of Tropical Storm Beryl continued to affect South Florida pulling moisture northward across the area along with an unstable air mass. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

FLORIDA, West Central

Polk County Lakeland Highlands

18	1630EST				0	1	0.00K	0.00K	Lightning
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Emergency management and local media reported that a 27 year old man was injured while standing in his front yard when lightning struck a nearby tree. The man complained of a headache and burning eyes and was taken to a hospital. Lightning was first detected at about 4:22 pm EST six miles north of the man's house, and at 4:30 pm EST in the vicinity of the house.

Polk County Haines City

18	1843EST 1845EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was reported near Lake Lowery.

A weak cold front moved into central Florida as it dissipated, fueling isolated thunderstorms that produced one inch hail. A lightning strike from one of the storms struck and injured a 27 year old man.

Pinellas County 1 ESE Lealman

19	2248EST				0	0	50.00K	0.00K	Thunderstorm Wind (50EG)
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The Lealman Fire Department reported damage to an older hotel on the 4800 block of 34th Street North. The corner of the roof was taken off and damaged five cars in the parking lot. Damage in the area was isolated to this building.

Isolated thunderstorms developed on seabreeze collisions, one of which produced a brief tornado touchdown over Pinellas County. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Sarasota County 2 WNW North Port

24	1740EST 1745EST				0	0		0.00K	Thunderstorm Wind (60EG)
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Emergency management damage survey found approximately 13 homes with minor roof and fence damage and one home with about a third of the roof torn off. Additionally, a large oak tree with no root ball was downed. Damage occurred in an east to west path from around Oxwood Street to North Port Boulevard.

A moist air mass fueled seabreeze thunderstorms over southwest Florida. Some of the thunderstorms produced damaging wind. Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

Sarasota County 2 N North Port

25	1954EST 1955EST				0	0	0.00K	0.00K	Hail (1.75)
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Public reported golf ball sized hail in North Port.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, West Central

Easterly winds allowed for seabreeze thunderstorm to develop along the southwest coast of the Florida peninsula. One of these storms became severe and produced golf ball sized hail.

Highlands County

4 N Childs

27	1634EST				0	0	0.00K	0.00K	Hail (1.00)
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A rain band developed over Highlands County ahead of the landfall of Tropical Storm Beryl. One of the thunderstorms produced quarter size hail and wind gusts to 50 mph.

Citrus County

3 SSE Lecanto

2 WNW Floral City

29	0600EST				0	0	108.00K	0.00K	Flood
	1000EST								

Tropical Storm Beryl produced an area of 5 to 8 inches of rain that caused flooding in an area bounded by Brooksville to Inverness to Homosassa Springs. One home in the 5600 block of South Hills Point had 31 inches of water in the home. Several other homes in the area had 8-14 inches of water in the home. Monetary damage listed in this report is a rough estimate.



Tropical Storm Beryl produced 5 to 8 inches of rain in Citrus County that led to flooding of at least four homes with 8 to 31 inches of water inside the homes. Photo credit: Citrus County Emergency Management.

Hernando County

1 NNE Lake Lindsey

29	0600EST				0	0	1.00K	0.00K	Flood
	1000EST								

A narrow heavy rain band flooded parts of County Road 581 between Brooksville to Inverness.

Levy County

2 W Yankeetown

29	1313EST				0	0			
	1317EST	2.84	200						Tornado (EF0)

A large waterspout moved onshore at Hodges Island, then began to dissipate. Damage was limited to trees as the tornado was just north of roads and buildings in this rural area.

The outer bands of Tropical Storm Beryl began to move over west central Florida on the 27th, before the center made landfall near Jacksonville early on the 28th. Beryl then became a tropical depression less than 12 hours later as it curved northward to the Georgia border. Beryl created onshore flow in west central Florida leading to isolated areas of heavy rain and tornadoes.

In Levy county, wind gusts of up to 38 knots with sustained winds of 20 to 25 knots were measured. Rainfall of 1.25 inches was measured at the COOP station at Usher Tower.

In Citrus county, sustained winds of around 20 knots were measured across the county. Rainfall of 3.98 inches was measured at the COOP station at Inverness 3 SE.

In Hernando county, sustained winds of 25 to 30 knots were measured across the county. Rainfall of three to five inches was measured, with 5.00 inches measured at the COOP station at Brooksville - Chin Hill. Radar rainfall estimates were as high as 8 inches in some parts of the county.

In Sumter County, rainfall of 2.83 inches was measured at the COOP site at Bushnell.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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FLORIDA, West Central

In Pasco County, sustained winds of 20 to 25 knots were measured across the county. The COOP site at St. Leo measured 3.31 inches of rain.

In Pinellas County, thunderstorm wind gusts of up to 48 knots, with sustained wind gusts of 20 to 25 knots were measured. Rainfall an inch or more were measured over the northern half of the county, with 1.12 inches measured at the COOP site at Tarpon Springs.

In Hillsborough County, thunderstorm wind gusts of up to 38 knots with sustained winds of around 25 knots were measured across the county. Rainfall of around one inch or more were measured over most of the county, with 1.60 inches measured at the COOP station at Hillsborough River State Park.

In Polk County, thunderstorm wind gusts of up to 40 knots with sustained winds of around 30 knots were measured across the county. The highest rainfall measured was 1.12 inches at the COOP site at Lakeland.

In Manatee County, sustained winds of around 20 knots were measured across the county. Rainfall of over an inch were measured around the county, with 1.86 inches measured at the COOP station at Fort Green 12 WSW.

Over southwest Florida, sustained winds of around 20 knots were measured, with rainfall generally less than one inch were measured.



This large waterspout moved onshore just north of Yankeetown, FL before dissipating a short time later. Image provided by Levy County Emergency Management.

FLORIDA, West Panhandle

Santa Rosa County
Berrydale

29	1803CST							
	1805CST			0	0	4.00K	0.00K	Thunderstorm Wind (52EG)

Winds estimated at 60 mph downed trees on powerlines.

High winds caused damage in northwest Florida. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

GEORGIA, East Central

Burke County
1 E Waynesboro

04	1630EST							
				0	0	5.00K	0.00K	Thunderstorm Wind (45EG)

Fire chief reported a rotten tree toppled a tree onto a home causing minor damage to the roof.

An isolated thunderstorm in Burke County took down a rotten tree on a home and did minor damage to the roof. Note: The estimated wind gust of 45 knots is equivalent to 52 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, East Central



County Fire Chief reported a rotten tree toppling onto a home doing minor roof damage.

Lincoln County
4 NW Goshen

17	1431EST 1435EST				0	0			Hail (0.88)
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Public reported nickel size hail that covered the ground off of Tabernacle Church Road.

Lincoln County
3 NNW Goshen

17	1432EST 1438EST				0	0	12.00K	0.00K	Thunderstorm Wind (55EG)
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Dispatch reported trees down along Hwy 79 near Tabernacle Church Road and area west of there.

An isolated severe thunderstorm over Lincoln county took down trees and produced nickel size hail. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

GEORGIA, Lower

Camden County
4 WSW Kingsland

01	1428EST				0	0	3.00K	0.00K	Lightning
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A house was struck by lightning at 33 Cooner Road in Kingsland. A small fire started in a wooded area. The cost of damage was estimated.

Camden County
1 WNW St Marys Arpt

06	1428EST				0	0	2.00K	0.00K	Lightning
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The county dispatch center reported a house was struck by lightning at 133 Magnolia Street in St. Marys. The cost of damage was estimated.

Scattered to numerous afternoon and evening storms with prevailing dry conditions sparked fires from lightning strikes and wildfires continued to burn across the area.

Clinch County
1 N Homerville

06	1445EST				0	0	1.00K	0.00K	Lightning
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Lightning struck a transformer in Homerville. The cost of damage was estimated.

Charlton County
1 NE Newell

06	1530EST				0	0			Thunderstorm Wind (50EG)
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Trees were blown down along Highway 301 north of Folkston. The time of the event was based on radar.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, Lower

An upper level low was over Alabama with an active southwest flow regime over SE Ga and NE Fl. A backdoor surface front was sliding SSW from Savannah. The combination of these convective ingredients combined with daytime heating over an unstable air mass produced scattered severe storms over the area during the afternoon and evening. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Bacon County
1 W Rockingham

09	1550EST				0	0			Thunderstorm Wind (50EG)
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Trees were blown down blocking Bennett Still Highway. The time of the event was based on radar imagery.

An approaching frontal system and passing upper level energy brought a warm and moist southwest flow over the area. Increased instability and active sea breeze and outflows sparked isolated strong to severe storms. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Coffee County
1 N Douglas

14	1250EST				0	0			Hail (0.88)
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Camden County
Billyville

14	1540EST				0	0			Thunderstorm Wind (50EG)
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Trees were blown down a half of a mile south of mile marker 12 on Interstate 95.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Camden County
1 S Waverly

14	1540EST				0	0			Thunderstorm Wind (50EG)
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Trees were blown down along Highway 110 near Waverly.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Camden County
4 WSW Harriets Bluff

14	1545EST				0	0			Thunderstorm Wind (50EG)
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Trees were blown along Harriets Bluff Road.

A lingering surface trough, passing upper level energy from a short wave trough and the sea breezes combined over an unstable airmass and southwest steering flow to produce scattered severe storms during the afternoon and evening. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Glynn County
1 N Pennick

15	1410EST				0	0			Hail (0.75)
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Dime size hail was observed. The time of the event was based on radar.

Camden County
1 S Waverly

15	1600EST				0	0			Hail (1.00)
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Quarter size hail was reported in Waverly between 5 pm and 5:15 pm.

A lingering surface trough, passing upper level energy from a short wave trough and the sea breezes combined over an unstable airmass and southwest steering flow to produce scattered severe storms during the afternoon and evening.

Appling County
Surrency

17	1200EST				0	0			Hail (0.75)
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Very heavy rain and penny size hail was reported in Surrency.

Appling County
Surrency

17	1200EST				0	0			Hail (0.88)
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A farming company reported penny to nickel size hail on the northern side of Surrency.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, Lower

Appling County Surrency

17	1200EST				0	0			Thunderstorm Wind (50EG)
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Trees and power lines were blown down in Surrency.
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Appling County Surrency

17	1200EST				0	0			Thunderstorm Wind (50EG)
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Trees and a power line were blown down in Surrency on north Main Street and also on Tillman Street. The time of the event was based on radar.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Appling County 1 E Surrency

17	1205EST				0	0			Hail (0.75)
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Penny size hail and estimated wind gusts of 45 to 55 mph were reported on Highway 341. Time of the event was based on radar imagery.

Wayne County 1 W Jesup

17	1300EST				0	0			Heavy Rain
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Water was over-flowing Highway 84 in downtown Jesup.

Glynn County 2 SE Boys Estate

17	1412EST				0	0			Thunderstorm Wind (50EG)
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Hofwyl-Broadfield Plantation off of Highway 17 reported 2 trees blown down and pea size hail. The time of the event was based on radar imagery.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Glynn County 2 ENE Sterling

17	1415EST				0	0			Thunderstorm Wind (50EG)
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Trees and power lines were blown down along Highway 99.
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Camden County 2 SSE St Marys

17	1600EST				0	0			Thunderstorm Wind (50EG)
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Trees were blown down on Osbourn Road. The time of damage was based on radar imagery.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Camden County 2 SSE St Marys

17	1600EST				0	0			Thunderstorm Wind (50EG)
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Large oak tree limbs were blown down in historic St. Marys. Some homes had broken windows.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Ware County 3 WNW Colgans

17	1842EST				0	0			Thunderstorm Wind (50EG)
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Trees were blown down on Strickland Road.
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Ware County 1 NE Waycross

17	1842EST				0	0			Thunderstorm Wind (50EG)
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A large tree was blown down on a church at 107 Linden Drive.

A surface low drifted over eastern Ga during the afternoon and evening with a trough extending to its WSW. This feature combined with active sea breezes and a very unstable airmass (noted 500 mb temperatures between -14 and -15 deg C) created scattered severe storms during the afternoon and evening. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
GEORGIA, Lower									
Atkinson County 1 N Willacoochee	22	1830EST			0	0			Thunderstorm Wind (50EG)
Trees were blown down on Highway 82 in Willacoochee. The time of the damage was based on radar.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Coffee County 1 N Douglas Muni Arpt	22	1845EST			0	0			Hail (0.75)
Widespread reports of dime size hail was reported between Douglas and the Atkinson County line.									
Clinch County 1 N Homerville	22	1900EST			0	0	0.00K	0.00K	Hail (0.75)
Brantley County 6 E Shea	22	2045EST			0	0			Hail (1.00)
Quarter size hail was reported in the Riverside area of southeast Brantley county.									
Glynn County 5 W Pyles Marsh	22	2051EST			0	0			Hail (0.88)
Law enforcement observed nickel size hail at the intersection of Interstate 95 and Exit 29 in Brunswick. The hail lasted for about 10 minutes.									
Glynn County 5 W Pyles Marsh	22	2051EST			0	0			Thunderstorm Wind (56EG)
Law enforcement estimated winds of 65 mph at the intersection of Interstate 95 and Exit 29 for Brunswick.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Camden County 2 NNE Silco	22	2105EST			0	0	2.00K		Lightning
Lightning struck at transformer at Highway 110 and Springhill Road in Woodbine. Several trees caught on fire. The time is estimated based on Lightning Data and the preliminary cost of damage was estimated.									
Glynn County 3 E Pyles Marsh	22	2112EST			0	0			Hail (1.00)
Quarter size hail was reported on the southside of Brunswick. The time of hail was based on radar.									
Camden County 4 WNW Kingsland	22	2118EST			0	0			Thunderstorm Wind (50EG)
Trees were blown down in the Browntown area.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Camden County 4 E Greenville	22	2118EST			0	0			Thunderstorm Wind (50EG)
A car accident occurred in Browntown due to a tree down in the road. Injuries were unknown.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Camden County 4 E Greenville	22	2118EST			0	0			Thunderstorm Wind (50EG)
Power lines were blown down at Highway 40 and Colerain Road in Kingsland.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, Lower

Camden County 1 W Woodbine

22	2118EST				0	0			Thunderstorm Wind (50EG)
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Trees were blown down in Woodbine. Some trees were blown into power lines which damaged transformers.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Glynn County 1 SE Jewtown

22	2126EST				0	0			Hail (0.75)
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Dime to nickel size hail was observed on St. Simons Island.

Glynn County 1 E Sea Is

22	2150EST				0	0			Hail (1.00)
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Jekyll Island had quarter size hail.

A mid and upper level trough moved over the area during the afternoon and evening which triggered scattered severe storms. Upper level temperatures at 500 mb were around -13 to -15 deg C which provided significant destabilization.

GAZ154-166

Coastal Camden - Coastal Glynn

27	1404EST				0	0			Tropical Storm
	1106EST								

Charlton County 1 SE Homeland

29	2321EST				0	0			Heavy Rain
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Storm total rainfall during Beryl was 4.75 inches.

Tropical Storm Beryl moved onshore on the northeast Florida coast the night of Sunday May 27th...and moved slowly inland across north Florida Monday the 28th and on the 29th began to recurve to the northeast over south Georgia. Tropical storm force winds caused tree and power line damage mainly impacting coast counties late on the 27th and during the early morning hours of the 28th. The strongest winds measured was a 73 mph gust at 10:35 pm on the 27th at Buck Island on the St. Johns River, just west of Mayport. On the 28th and 29th, as Beryl tracked slowly over north Florida and south Georgia, flooding rainfall developed with storm total rainfall amounts of 6 to 15 inches reported across northeast Florida and southeast Georgia.

Camden County 3 ENE Woodbine

31	1440EST				0	0			Hail (0.75)
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Penny size hail was reported on Interstate 95 and fell between mile markers 14 and 20.

Camden County 4 E White Oak

31	1449EST				0	0			Thunderstorm Wind (55MG)
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A spotter measured wind gusts to 63 mph.

Southwest steering flow under an upper level trough and cool 500 mb temperatures in the -11 deg C range helped destabilize the atmosphere. Numerous severe storms developed over northeast Florida during the afternoon and evening as the sea breezes, river breeze and resultant outflow boundaries interacted under the unstable airmass. Note: The measured wind gust of 55 knots is equivalent to 63 mph.

GEORGIA, North and Central

Heard County Franklin

06	0945EST				0	0	0.00K	0.00K	Hail (1.00)
	0955EST								

The Heard County 911 Center and the Family Dollar store reported that hail fell in Franklin. The hail started as dime size but within five minutes increased to quarter size.

Muscogee County Midland

06	1130EST				0	0	0.00K	0.00K	Hail (1.00)
	1135EST								

The Broadcast Media reported that dime to quarter sized hail fell in Midland.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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GEORGIA, North and Central

Schley County

1 WSW Walls Crossing

06	1300EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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A Schley County Sheriff Deputy reported that seven trees were blown down at Highway 26 and Stevens Road about five miles west of Ellaville.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Polk County

1 E Cedartown

06	1740EST				0	0	0.00K	0.00K	Hail (0.75)
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The public reported that dime sized hail fell just east of Cedartown.

Pickens County

Ruden

06	1745EST				0	0	0.00K	0.00K	Hail (0.88)
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The public reported that nickel sized hail fell near Jasper.

Douglas County

1 NW Lithia Spgs

06	1750EST				0	0	0.00K	0.00K	Hail (0.75)
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The public reported that dime sized hail fell near Lithia Springs and Sweetwater Creek State Park.

Pickens County

Ruden

06	1810EST				0	0	0.00K	0.00K	Hail (1.00)
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The public reported that quarter sized hail fell in Jasper.

Cobb County

Marietta

06	1815EST				0	0	0.00K	0.00K	Hail (0.75)
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The public reported that dime sized hail fell near Marietta.

Polk County

1 N Youngs 3 NNE Walthrall

06	1815EST				0	0	307.00K		Hail (1.75)
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The Polk County 911 Center and the public reported that large hail fell southeast of Cedartown, generally between Cedartown and Felton along U.S. Highway 27. The hail began as quarter size, lasting for several minutes, increasing to golf ball size before it ended.

Cobb County

Kennesaw

06	1837EST				0	0	0.00K	0.00K	Hail (1.00)
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The public reported quarter sized hail near Kennesaw, which lasted for about 10 minutes.

Union County

1 WSW Ivy Log

06	1900EST				0	0			Hail (1.50)
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The public reported large hail, increasing to walnut size - 1.5 inches - at Nottely Dam. The hail lasted for 15 minutes.

Cherokee County

Holly Spgs

06	1908EST				0	0	0.00K	0.00K	Hail (1.00)
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The public reported dime to quarter sized hail in Holly Springs.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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GEORGIA, North and Central

Union County

1 WSW Ivy Log

06	1913EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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The Union County 911 Center reported that several trees were blown down along U.S. Highway 129 near Nottely Dam.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cobb County

1 S Noonday

06	1935EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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The Cobb County 911 Center reported that at least six trees were blown down off of Shallowford Road just east of Canton Road. One of the trees fell on a house.

An upper level shortwave moved across the area during the afternoon of May 6th. Meanwhile, two weak surface boundaries across the area served to enhance convection. One boundary was stretched across central Georgia, while another weak boundary sagged southward from the Tennessee Valley. Isolated thunderstorms developed during the late morning hours across west central Georgia, with additional thunderstorms developing in the afternoon across the rest of the area. Large hail was the main threat with these storms, with only a few storms producing wind damage in the form of downed trees. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Muscogee County

1 ESE Pierce Chapel 1 N Flat Rock

13	1905EST				0	0	2.00K	0.00K	Flash Flood
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The Public reported flood waters from Flatrock Branch running over portions of Chapel Lake Drive off of Pierce Chapel Road around 2.7 miles west to southwest of Midland in north central Muscogee County.

Thunderstorms with heavy rain caused some localized flash flooding in portions of West Central Georgia.

Bibb County

1 WSW Macon 1 E Lanier Hgts

16	1810EST				0	0	60.00K	0.00K	Thunderstorm Wind (50EG)
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The Bibb County 911 Center and Macon Broadcast Media reported that at least seven trees were blown down at various locations across Macon. Trees fell on homes along Second Avenue and along Saint Charles Place.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Pulaski County

Hawkinsville

16	1920EST				0	0	5.00K	0.00K	Lightning
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The Pulaski County Emergency Manager reported that lightning struck a home near the center of town, catching electrical wires on fire. Overall the home sustained only minor damage, most of which was due to smoke.

An upper level trough was in place across the area. An old cold front that had moved across north Georgia on May 15th continued to push into central Georgia on the afternoon of the 17th, allowing scattered thunderstorms to develop. One storm became severe in Bibb County with several downed trees. Another storm sparked a lightning fire in Pulaski County.

Forsyth County

2 ESE Dunn

17	1805EST				0	0	30.00K	0.00K	Thunderstorm Wind (50EG)
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The Forsyth County 911 Center reported that multiple trees were blown down off of Catalina Drive. One tree fell on a house.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Marion County

3 WSW Draneville

17	1830EST 1835EST				0	0	0.00K	0.00K	Hail (0.75)
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The Marion County Emergency Manager reported that dime to penny sized hail fell south of Buena Vista.

Fulton County

1 NE Alpharetta

17	1830EST				0	0	1.00K	0.00K	Lightning
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The public reported that a large maple tree in front of a house was struck by lightning. Bark blew off the tree into the surrounding neighborhood yards.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, North and Central

Cobb County

Marietta	17	1832EST 1837EST			0	0	0.00K	0.00K	Hail (1.00)
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The public reported that nickel to quarter sized hail fell in Marietta.

Webster County

4 N Preston	17	1840EST 1845EST			0	0	0.00K	0.00K	Hail (0.75)
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The Webster County Emergency Manager reported that penny sized hail fell north of Preston.

Cobb County

2 SW Mt Bethel	17	1900EST			0	0	3.00K	0.00K	Thunderstorm Wind (45EG)
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A Weather Channel employee reported that a large tree was blown down on Cherokee Place. Additionally, a large tree limb or portion of a tree fell on a house on Settlers Court, causing minor roof damage to the house.

Note: The estimated wind gust of 45 knots is equivalent to 52 mph.

Cobb County

Marietta 1 NW Carmichael Crossroads	17	1904EST 1914EST			0	0	0.00K	0.00K	Hail (1.25)
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Multiple reports were received from trained spotters and the public of large hail in Cobb County. Hail covered the ground in portions of Marietta and Smyrna, and generally ranged from dime to half dollar size.

Fulton County

Fairburn	17	1920EST 1925EST			0	0	0.00K	0.00K	Hail (0.75)
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The public reported that pea to dime sized hail fell just west of Fairburn.

Cobb County

2 SSE Leland	17	1925EST 1930EST			0	0	0.00K	0.00K	Hail (1.00)
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The public reported quarter sized hail near Mabelton.

Dawson County

1 SE Bright	17	2020EST 2025EST			0	0	0.00K	0.00K	Hail (1.00)
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The public reported that quarter sized hail fell on Grizzle Farm Road southeast of Dawsonville.

The remnants of the cold front that sparked convection on the afternoon of the 16th remained as a weak boundary across central Georgia on the 17th. Meanwhile an upper trough pushed east of the area, and an upper level low developed across the Southeast. Numerous thunderstorms developed during the afternoon, and several became severe with reports of large hail and wind damage.

Dade County

1 NNW Morganville	18	1819EST 1824EST			0	0	0.00K	0.00K	Hail (1.00)
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The public reported that nickel to quarter sized hail covered the ground just northwest of Morganville on Slygo Road.

The upper level low that developed on the 17th remained over the Southeast on the 18th. A series of upper level disturbances rotating around the low allowed convection to develop in the afternoon, with one storm becoming severe in Dade County.

Pickens County

1 N Jasper Pickens Co Ar	19	1540EST 1545EST			0	0	0.00K	0.00K	Hail (0.88)
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An employee at Lawson Chevrolet reported nickel sized hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, North and Central

Pickens County

1 WSW Jasper Pickens Co Ar	19	1555EST 1612EST			0	0	0.00K	0.00K	Hail (0.88)
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The public reported that pea to nickel sized hail fell along Fairview Road in Jasper for over 15 minutes. The hail covered the ground.

Murray County

1 NW Ramhurst	19	1830EST 1840EST			0	0	0.00K	0.00K	Hail (0.88)
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The public reported that nickel sized hail fell along Georgia Highway 282, lasting for 10 minutes.

The upper level low that helped to trigger thunderstorms in previous days continued to rotate over the Southeast, gradually weakening. Isolated thunderstorms developed across extreme north Georgia, producing non-severe hail.

Fulton County

1 N Hapeville 2 NNW Lakewood Hgts	20	1820EST 1830EST			0	0	0.00K	0.00K	Hail (1.00)
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The Broadcast Media and the public reported that dime to quarter sized hail fell from Langford Parkway, south of Downtown Atlanta, to Lakewood Heights.

Tropical Storm Alberto developed off the South Carolina Coast late on the 19th. This brought easterly flow and stable conditions to most of Georgia on the 20th. However, moderate instability developed in the afternoon across north Georgia and with the addition of weak orographic lift, isolated thunderstorms were able to develop. One storm became severe in Fulton County with large hail reported.

De Kalb County

Decatur	21	1555EST 1600EST			0	0	0.00K	0.00K	Hail (0.75)
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A Decatur Fire Department employee reported dime sized hail in downtown Decatur.

Fulton County

2 NNE Warsaw	21	1617EST 1622EST			0	0	0.00K	0.00K	Hail (0.88)
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The public reported that nickel sized hail fell in Johns Creek.

Gwinnett County

2 E Suwanee	21	1750EST			0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
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The public reported that several trees were downed and snapped at a residence on the east side of Suwanee.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Douglas County

1 W Winston	21	1810EST 1815EST			0	0	0.00K	0.00K	Hail (1.00)
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The public reported pea to quarter sized hail in Winston.

Fulton County

1 SSE Newtown 2 SSW Ocee	21	1820EST 1825EST			0	0	0.00K	0.00K	Hail (1.00)
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The public reported that pea to quarter sized hail fell in the Alpharetta and Johns Creek area.

Cobb County

1 N Austell	21	1830EST 1835EST			0	0	0.00K	0.00K	Hail (0.75)
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The public reported that pea to dime sized hail fell in Austell.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Property Damage	Crops	Character of Storm
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GEORGIA, North and Central

Jackson County Nicholson

21	1905EST 1915EST				0	0	0.00K	0.00K	Hail (0.75)
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Jackson County Emergency Management reported that hail up to the size of dimes fell in and around the Nicholson area. The hail lasted around 10 minutes.

Jackson County 1 S Nicholson

21	1905EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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The Jackson County Emergency Manager reported that several trees and power lines were blown down in and around the Nicholson area.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Fulton County 3 NNE Atlanta

21	1919EST 1924EST				0	0	0.00K	0.00K	Hail (0.75)
----	--------------------	--	--	--	---	---	-------	-------	-------------

The public reported dime to penny sized hail across portions of Midtown.

De Kalb County 1 S North Druid Hills 1 SE Belt Jct

21	1930EST 1937EST				0	0	0.00K	0.00K	Hail (0.88)
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The public reported that dime to nickel sized hail in the North Druid Hills area, near Emory.

A cold front across central Tennessee pushed into northwest Georgia on the afternoon of the 21st. A series of upper level disturbances embedded within the northwest flow aloft helped convection to develop well ahead of the front. Numerous strong thunderstorms developed, with several of them becoming severe with mainly large hail reported. A couple of the storms produced wind damage in the form of downed trees.

Toombs County 5 E Cedar Crossing

22	1400EST 1405EST				0	0	0.00K		Hail (0.75)
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The public reported that penny sized hail fell in southern Toombs County, stripping the leaves off corn stalks.

Toombs County 5 E Cedar Crossing

22	1400EST				0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
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The public reported that nine trees were blown down near a residence in southern Toombs County. Tin roofs were pulled off outbuildings.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Toombs County 6 S New Branch

22	1405EST				0	0	0.50K	0.00K	Thunderstorm Wind (45EG)
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The Toombs County 911 Center reported that three trees were blown down along Highway 147 in Southeastern Toombs County.

Note: The estimated wind gust of 45 knots is equivalent to 52 mph.

Toombs County 4 SSE New Branch

22	1414EST 1419EST				0	0	0.00K	0.00K	Hail (0.75)
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A University of Georgia research agent reported that hail up to the size of dimes fell in southeastern Toombs County.

Cherokee County 1 S Holly Spgs

22	1720EST				0	0	1.00K	0.00K	Lightning
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The Cherokee County Emergency Manager reported that a house was struck by lightning just south of Holly Springs.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, North and Central

Laurens County 1 SSE Rockledge

22	2141EST 2151EST				0	0	0.00K	0.00K	Hail (1.00)
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The public reported that hail up to the size of quarters fell for 10 minutes in Rockledge.

Treutlen County 1 E Soperton Treu Co Arp

22	2230EST 2235EST				0	0	0.00K	0.00K	Hail (1.00)
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The Treutlen County 911 Center reported that quarter size hail fell just east of Soperton.

A surface trough stretching from the Carolinas to east central Georgia interacted with an upper low moving across the Deep South on the afternoon of May 22. Scattered thunderstorms developed, with several becoming strong. Isolated storms became severe across central Georgia, with large hail and damaging winds reported.

Walker County 2 ENE Chickamauga 3 N Rock Spg

29	2042EST 2047EST				0	0	0.00K	0.00K	Hail (1.00)
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The public reported that nickel to quarter sized hail fell at multiple locations in and east of Chickamauga.

Chattooga County 1 W Cloudland Mineral Springs

29	2100EST				0	0	0.75K	0.00K	Thunderstorm Wind (50EG)
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Chattooga County Emergency Management and the 911 Center reported that a few trees were downed in the western portion of the county, including on State Line Road, Georgia Highway 337 and Reed Street.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Chattooga County 1 W Lyerly

29	2120EST				0	0	6.00K	0.00K	Thunderstorm Wind (50EG)
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The Chattooga County 911 Center relayed reports of several downed trees and power lines in Lyerly.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Floyd County 1 ENE Coosa

29	2135EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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Floyd County Emergency Management reported that several trees were blown down mainly in the Wheeling Drive area in Coosa.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Floyd County 1 N Rome

29	2144EST				0	0	0.50K	0.00K	Thunderstorm Wind (45EG)
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The Floyd County 911 Center reported that two trees were blown down in Rome.

Note: The estimated wind gust of 45 knots is equivalent to 52 mph.

Bartow County Cartersville

29	2230EST				0	0	6.00K	0.00K	Thunderstorm Wind (50EG)
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The Bartow County 911 Center relayed reports of several downed trees, with minor roof damage to a structure along East Church Street in Cartersville.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cherokee County 1 SW North Canton

29	2308EST 2313EST				0	0	0.00K	0.00K	Hail (0.75)
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The Cherokee County Emergency Manager reported dime sized hail in East Canton.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, North and Central

A shortwave moved across northern Alabama during the late morning hours on May 29, pushing into northwest Georgia during the evening. Meanwhile the remnants of Tropical Storm Beryl moved across southeast Georgia. Instability was able to increase around the periphery of Beryl where cloud cover was not as thick, and as the shortwave moved into the state, isolated severe thunderstorms developed. Most of the reports consisted of downed trees, but there was one report of severe hail as well.

Jefferson County 1 S Louisville

31	1608EST 1610EST				0	0	0.50K	0.00K	Thunderstorm Wind (45EG)
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The Jefferson County 911 Center reported that three trees were blown down on the southeast side of Louisville. One tree fell on power lines along Moore Street, and two additional trees fell along U.S. Highway 1.

Note: The estimated wind gust of 45 knots is equivalent to 52 mph.

Gilmer County 1 N Roosevelt

31	1617EST 1622EST				0	0	0.00K	0.00K	Hail (0.75)
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The Gilmer County Emergency Manager reported that dime sized hail fell on Zeblin Road.

Upson County 1 N Paynes Mill

31	1850EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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The Upson County 911 Center reported that several trees were blown down in Thomaston near Highway 19.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Pike County 1 S Molena 1 SW Hilltop

31	1905EST 1910EST				0	0	1.00K	0.00K	Thunderstorm Wind (45EG)
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The Pike County 911 Center reported that a few trees were blown down between Molena and Concord.

Note: The estimated wind gust of 45 knots is equivalent to 52 mph.

Putnam County 1 E Hunts

31	1928EST				0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
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The Putnam County 911 Center reported that several trees and a few power lines were blown down in Eatonton.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Greene County 2 SE Mosquito Crossing 1 W White Plains

31	2023EST 2028EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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The Green County Emergency Manager reported that several trees were blown down across southern and southeastern Greene County. The trees were all large pine trees, but were either dying or dead.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

White County 6 WNW Yonah

31	2230EST				0	0	1.50K	0.00K	Thunderstorm Wind (50EG)
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The White County Emergency Manager reported that a half dozen trees were blown down in a yard along Kellum Valley Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Union County 1 S Choestoe

31	2236EST 2241EST				0	0	0.00K	0.00K	Hail (1.00)
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The public reported that quarter sized hail fell near Hood.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, North and Central

Union County

1 S Laura	31	2240EST					0.50K	0.00K	Thunderstorm Wind (45EG)
1 E Track Rock		2245EST			0	0			

The Union County 911 Center reported that three trees were blown down across the county. One fell on Dorrell Plott Road, one near the intersection of Gainesville Highway and Highway 180 East, and another fell on Liberty Church Road.

A weak cold front and a shortwave aloft pushed into the state during the evening of May 31st. Numerous thunderstorms developed across the area, and several thunderstorms became severe. Most of the severe reports consisted of downed trees, but there were a couple of large hail reports as well. Note: The estimated wind gust of 45 knots is equivalent to 52 mph.

GEORGIA, Northeast

Elbert County

8 ESE Elberton	17	1450EST							Hail (0.75)
		1510EST			0	0			

Penny size hail fell along highway 72 near Flatwoods Rd and Pearl Mill Rd.

Thunderstorms produced a little small hail over northeast Georgia.

Habersham County

5 ESE Clarkesville	22	1506EST							Hail (0.88)
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Scattered thunderstorms developed over northeast Georgia ahead of the cold front. The storms produced a little small hail.

GEORGIA, Southeast

GAZ119

Coastal Chatham

07		2144EST					0.00K	0.00K	Coastal Flood
		2244EST			0	0			

Lingering influences from the recent full moon and moderate onshore winds produced elevated tide levels across the coastal region of Southeast Georgia.

Chatham County

1 W Williams	09	1505EST					0.50K	0.00K	Thunderstorm Wind (50EG)
		1506EST			0	0			

A trained spotter reported a tree blown down on Pooler Parkway at South Morgan Parkway.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Chatham County

1 N Liberty City	09	1535EST					0.50K	0.00K	Thunderstorm Wind (50EG)
		1536EST			0	0			

One oak tree blown down. Report relayed by broadcast media.

Scattered to numerous showers and thunderstorms broke out across much of the region by early afternoon ahead of an approaching cold front. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Liberty County

3 ESE Midway	14	1456EST					0.00K	0.00K	Hail (1.00)
		1457EST			0	0			

Effingham County

1 W Rincon	14	1515EST					0.00K	0.00K	Hail (0.88)
		1516EST			0	0			

A trained spotter reported dime to nickel sized hail in Rincon.

Thunderstorms developed in the afternoon hours ahead of a nearly stationary front positioned to the west.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
GEORGIA, Southeast									
Mcintosh County 3 S Pine Harbor	15	1442EST 1443EST			0	0	0.00K	0.00K	Hail (1.00)
									Law enforcement relayed a report of quarter size hail along Highway 57.
Liberty County 1 N Riceboro	15	1505EST 1506EST			0	0	0.00K	0.00K	Hail (0.88)
									Liberty County warning point reported nickel size hail in Riceboro.
Liberty County 1 NW Riceboro	15	1505EST 1506EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
									Liberty County warning point relayed a report of a tree blown down across Highway 119 and Highway 17. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Liberty County 2 N Riceboro	15	1505EST 1506EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
									Liberty County warning point reported a tree blown down at the intersection of Big Oak Road and Oak Creek Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Bryan County 3 NNW Keller	15	1523EST 1524EST			0	0	0.00K	0.00K	Hail (1.00)
									A trained spotter reported quarter size hail in Keller.
Chatham County (SAV)Savannah Intl A	15	1545EST 1547EST			0	0	0.00K	0.00K	Hail (1.75)
									A trained spotter at the Savannah Airport reported two minutes of hail up to the size of golf balls.
Chatham County 2 NNE Burroughs	15	1547EST 1548EST			0	0	0.00K	0.00K	Hail (1.00)
									A trained spotter reported quarter size hail at Berwick Plantation.
Chatham County 1 S (SAV)Savannah Intl A	15	1551EST 1552EST			0	0	0.00K	0.00K	Hail (1.50)
Chatham County 2 NNW Central Jct	15	1552EST 1553EST			0	0	0.00K	0.00K	Hail (1.75)
									A report of golf ball size hail on Foundation Drive.
Chatham County Bona Bella	15	1552EST 1553EST			0	0	0.00K	0.00K	Hail (1.00)
									A report of quarter size hail covering the ground.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
GEORGIA, Southeast									
Chatham County 1 E Bona Bella	15	1555EST 1556EST			0	0	0.00K	0.00K	Hail (1.75)
Chatham County 1 W Port Wentworth	15	1555EST 1556EST			0	0	0.00K	0.00K	Hail (1.75)
A report of golf ball size hail on Bonney Road.									
Chatham County 1 E Port Wentworth	15	1555EST 1557EST			0	0	0.00K	0.00K	Hail (1.00)
A trained spotter reported quarter size hail fell for two minutes.									
A strong blocking ridge over the Atlantic Ocean and an upper level trough extending from the Ohio Valley into the Southern Plains placed the region within a broad and deep layer cyclonic flow regime. At the surface, a very slow moving cold front extended from the upstate of South Carolina, across east-central Georgia and the Florida Panhandle. Frequent boundary interactions at the surface aided in the development of numerous showers and thunderstorms across the area during the mid-late afternoon.									
Mcintosh County 3 W Darien Eden Fld	17	1410EST 1411EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
A report of several trees blown down near the intersection of Cox Road and Highway 251.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Effingham County 4 N Springfield	17	1502EST 1503EST			0	0	2.50K	0.00K	Thunderstorm Wind (50EG)
A report of trees and power line down blocking Old Dixie Highway.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Effingham County 1 NW Guyton	17	1517EST 1518EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
A public report of a two foot diameter tree limb blown down in Guyton. Also, dime size hail fell for about ten minutes.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Bulloch County 4 E Statesboro Muni Arpt	17	1620EST 1621EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
The county dispatch center reported a tree blown down near the intersection of Highway 24 and Clito Road.									
Under the influence of a persistent upper low, scattered pulse severe thunderstorms developed. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Tattnall County 3 NE Altamaha	22	1425EST 1426EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
A spotter reported several trees blown down near Reidsville, also with dime size hail.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Tattnall County 1 NE Midway	22	1447EST 1448EST			0	0	6.00K	0.00K	Thunderstorm Wind (50EG)
Evans County warning point reported a power pole and power lines down on State Route 250.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, Southeast

Evans County 6 SSW Daisy

22	1452EST 1453EST				0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
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A report of a pecan tree blown down.
 A well defined upper low interacted with a typically unstable late May airmass to produce multicell severe thunderstorms.
 Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

GAZ119

Coastal Chatham

26	1100EST 1900EST				0	0	0.00K	0.00K	Rip Current
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GAZ139

Coastal Liberty

27	0900EST 1100EST				0	0	0.00K	0.00K	Rip Current
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GAZ117>119-137> 138-140>141

Coastal Bryan - Coastal Chatham - Coastal McIntosh - Inland Chatham - Inland Liberty - Inland McIntosh - Long

27	1300EST 2217EST				0	0	11.0K	0.00K	Tropical Storm
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28	0800EST 1600EST				0	0	0.00K	0.00K	Rip Current
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GAZ138

Inland Liberty

29	0345EST 0346EST				0	0	0.5K	0.00K	Tropical Storm
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GAZ100

Bulloch

29	0507EST 0508EST				0	0	1.5K	0.00K	Tropical Depression
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Jenkins County 1 WSW Rogers

29	1829EST 1929EST				0	0	0.00K	0.00K	Flash Flood
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Three feet of water across State Road 17 in Herndon near Birdsville Road.

Beryl developed as a Subtropical Storm over the Atlantic Ocean well east of the North Coastal Georgia area. The cyclone eventually became a Tropical Storm and slowly moved to the southwest and finally made landfall along the northeast Florida coast. The system then weakened to a Tropical Depression and meandered about before slowly moving back to the northeast across coastal portions of Georgia and South Carolina. The system produced tropical storm force winds, rip currents, and areas of heavy rainfall across the region.

Chatham County 1 W Port Wentworth

31	1257EST 1258EST				0	0	0.00K	0.00K	Hail (1.00)
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The public reported quarter size hail at the intersection of Highway 30 and Highway 21 in Port Wentworth.

Chatham County 1 N Garden City

31	1311EST 1312EST				0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
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One tree down across the roadway at Wildwood Drive and Smith Avenue.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
GEORGIA, Southeast									
Long County 8 SE Bayview	31	1540EST 1541EST			0	0	0.00K	0.00K	Hail (1.00)
Quarter size hail fell on State Road 57 about one mile south of the Tibet Baptist Church.									
Long County 8 SE Bayview	31	1540EST 1541EST			0	0	1.50K	0.00K	Thunderstorm Wind (50EG)
Several trees down and blocking the road at State Road 57 about one mile south of the Tibet Baptist Church.									
Isolated to scattered thunderstorms developed across portions of southeast Georgia ahead of the afternoon sea breeze. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
GEORGIA, Southwest									
GAZ120>131-142> 148-155>161									Baker - Ben Hill - Berrien - Brooks - Calhoun - Clay - Colquitt - Cook - Decatur - Dougherty - Early - Grady - Irwin - Lanier - Lee - Lowndes - Miller - Mitchell - Quitman - Randolph - Seminole - Terrell - Thomas - Tift - Turner - Worth
	01	0000EST							
	31	2359EST			0	0	0.00K	0.00K	Drought
D3-D4 drought conditions (extreme to exceptional) persisted through the month and into June across southwest and south central Georgia.									
Clay County 3 SSE Watson Crossroads	06	1320EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down on Cotton Hill Road. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Randolph County Cuthbert	06	1334EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
Two power lines were blown down in the city of Cuthbert. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Randolph County 1 NE Coles	06	1334EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
Two trees were blown down on Highway 82 West. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Randolph County 2 W Cuthbert-Randolph Arpt	06	1335EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down along County Road 266. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Lee County 2 NNW Neyami	06	1407EST			0	0			Hail (1.00)
Hail up to quarter size was reported by the public on WFXL-TV's facebook page near the Winn Dixie.									
Colquitt County 2 E Funston	06	1415EST			0	0			Hail (0.88)
Hail up to nickel size fell along Highway 37 to the west of Moultrie.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
GEORGIA, Southwest									
Baker County 3 ENE Milford	06	1427EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down on Choice Goodman Road. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Dougherty County 3 NW Albany	06	1430EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A large tree was blown down and blocked Whispering Pines Road. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Dougherty County 2 NNW Albany 1 SW East Albany	06	1430EST 1445EST			0	0	8.00K	0.00K	Thunderstorm Wind (55EG)
At least 8 trees were blown down around the city of Albany. Monetary damage was estimated.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Dougherty County Albany	06	1435EST			0	0			Hail (1.00)
A Fox 31 news article stated that quarter size hail fell in Albany.									
Dougherty County 2 SW East Albany	06	1436EST			0	0			Hail (0.75)
Penny size hail was reported near the intersection of Radium Springs Road and Highway 234.									
Lanier County 3 S Teeterville	06	1455EST			0	0			Hail (0.88)
Nickel size hail was reported between Ray City and Lakeland.									
Lowndes County Hahira	06	1455EST			0	0			Hail (1.00)
Quarter size hail was reported in Hahira.									
Baker County 2 NE Mimsville	06	1455EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down on Highway 200. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Dougherty County Putney	06	1500EST			0	0	5.00K	0.00K	Thunderstorm Wind (60EG)
A 10x14 metal shed was destroyed along with minor roof damage. Monetary damage was estimated.									
Note: The estimated wind gust of 60 knots is equivalent to 69 mph.									
Miller County Colquitt	06	1500EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down on Highway 91. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, Southwest

Lowndes County

5 SSW I-75 At Exit 29

06	1503EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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A tree was blown down near the intersection of Snake Nation Road and Myers Bluff Road. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Mitchell County

5 S Cotton

06	1510EST				0	0			Hail (1.00)
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Quarter size hail fell about 1 mile west of the Mitchell/Colquitt county line along Highway 111.

Miller County

2 ESE Boykin

06	1512EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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A tree was blown down on Dunlap Road. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Thomas County

2 NNW Quality

06	1527EST				0	0			Hail (1.00)
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Hail up to quarter size was reported near Meigs in Thomas county.

Decatur County

3 ESE Lynn

06	1530EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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Trees were blown down around Flint River Heights Road. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Grady County

1 NW Spence

06	1530EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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Trees were blown down around Mill Pond Road. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Grady County

1 SSW Peoples Still

06	1532EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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Trees were blown down on Spring Hill Road. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Thomas County

2 NNW Quality

06	1537EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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A tree was blown down near Meigs in Thomas county. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Lowndes County

4 W Kinderlou

06	1540EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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A tree was blown down on Highway 84 West near the Brooks county line. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Grady County

1 N Cairo

06	1548EST 1552EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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Trees were blown down around Cairo. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
GEORGIA, Southwest									
Decatur County 3 WSW Climax	06	1552EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down on Lake Douglas Road. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Decatur County 3 N Amsterdam	06	1600EST			0	0	4.00K	0.00K	Thunderstorm Wind (50EG)
Trees and power lines were blown down on Wautauga Road. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Thomas County 1 WSW Thomasville	06	1600EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down onto a residence on Raleigh Avenue in Thomasville. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Thomas County Homestead Park	06	1600EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down onto a residence on Crawford Street in Thomasville. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Decatur County Attapulcus	06	1605EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down around Woodland Avenue. Monetary damage was estimated.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Lowndes County Clyattville	06	1610EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down on Railroad Avenue in Clyattville. Monetary damage was estimated.									
Very steep lapse rates were in place atop rich boundary layer moisture with 500 mb temperatures from -11C to -14C. This supported strong instability with afternoon SBCAPE values exceeding 3000 J/Kg. Winds aloft were weak, so storms were mainly pulse in nature with brief-lived intense cores. The strongest of these pulsating storms produced large hail and damaging winds. Storms became semi-organized along a common outflow late in the day and shifted southward. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Decatur County 1 NNE Bainbridge	09	1457EST 1459EST			0	0	20.00K	0.00K	Thunderstorm Wind (55EG)
Multiple trees were blown down across the road on Lord Avenue, Sims Street, and Progress Street. One tree fell on a house and another fell on a car. No injuries occurred. Monetary damage was estimated.									
A moist and unstable airmass was in place ahead of a cold front. In addition, mid-level flow associated with the digging trough increased the deep layer shear above 30 knots. Scattered to numerous showers and thunderstorms occurred. With the instability and shear in place, one storm became severe in Decatur county with damaging winds. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Quitman County State Rd 27/county Rd 14	13	1735EST			0	0			Hail (1.00)
A storm chaser reported hail up to quarter size on State Route 27.									
A weakening upper level trough moved across the area. A warm front was also located across the region. Scattered thunderstorms occurred and there was just enough instability and steep lapse rates for isolated severe hail.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, Southwest

Decatur County

5 SSE Mt Pleasant

14	1800EST 2100EST				0	0	0.00K	0.00K	Heavy Rain
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Flooding of low lying ditches and farmland occurred in northeast Decatur county near the intersection of Highway 262 and Open Pond Road. Radar estimated that around 5 inches of rain occurred in just a few hours in this area.

An outflow boundary from earlier convection became stationary and stretched from Decatur county southward to western Wakulla County. A cold front was also analyzed in close proximity. Meanwhile, the panhandle seabreeze penetrated well inland extending from near I-10 east northeastward across southwest Georgia. Where the three boundaries intersected is where convection trained across Decatur county.

Lee County

2 SSW Philema

16	2130EST				0	0	0.00K	0.00K	Heavy Rain
17	0030EST								

The USGS gauge along the Flint River at Highway 32 at the Lee/Worth County line measured 3.11 inches of rain in 3 hours.

A cluster of slow moving thunderstorms produced heavy rain across portions of Lee county.

Calhoun County

Morgan

22	1524EST				0	0			Hail (1.00)
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Hail up to the size of quarters was reported in Morgan.

Dougherty County

1 WNW Pretoria

22	1555EST				0	0	1.00K	0.00K	Hail (1.00)
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Quarter size hail dented a car near the intersection of 8 Mile Road and Leary Road. Monetary damage was estimated.

Mitchell County

4 NE Baconton

22	1615EST				0	0			Hail (1.75)
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Golf ball size hail fell in far northern Mitchell county.

Mitchell County

2 NNE Lester

22	1628EST				0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
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Trees were blown down along Highway 112 in northern Mitchell county. Monetary damage was estimated.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Decatur County

2 SSE Mt Pleasant

22	1630EST				0	0			Hail (1.00)
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Quarter size hail was reported along Eddie Avery Road.

Worth County

Livingston

22	1637EST				0	0			Hail (1.50)
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The hail was reported as slightly smaller than golf balls.

Decatur County

1 SW Vada

22	1646EST				0	0			Hail (1.75)
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Golf ball size hail was reported at the County Line.

Mitchell County

3 SSW Branchville

22	1649EST 1709EST				0	0			Hail (1.75)
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Quarter to golf ball sized hail fell for 15 to 20 minutes.

Mitchell County

2 SSE Branchville

22	1704EST				0	0			Hail (1.75)
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Golf ball size hail fell a couple of miles southeast of Branchville.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
GEORGIA, Southwest									
Colquitt County 1 S Poplar Arbor Church	22	1715EST			0	0			Hail (1.25)
	Half dollar size hail was estimated in the vicinity of Hartsfield.								
Tift County Omega	22	1715EST 1735EST			0	0	0.00K	350.00K	Hail (1.25)
	Quarter to half dollar size hail fell in Omega for around 20 minutes. It completely covered U.S. Highway 319 and damaged at least 100 acres of watermelon, cantaloupe, and cotton crops. Crop damage costs were estimated.								
Worth County Scooter ville	22	1715EST			0	0			Hail (0.88)
	Nickel size hail completely covered the ground.								
Tift County 2 E Omega	22	1718EST 1738EST			0	0			Hail (1.00)
	Quarter size hail fell east of Omega for around 20 minutes.								
Worth County 2 SSE Scooter ville	22	1718EST			0	0			Hail (1.25)
	Half dollar size hail was reported north of Norman park in extreme southern Worth county.								
Tift County 1 N Omega	22	1728EST			0	0			Hail (1.00)
	A deputy estimated hail around the size of quarters.								
Tift County 1 N Omega	22	1728EST			0	0			Thunderstorm Wind (61EG)
	A deputy estimated winds to 70 mph just north of Omega. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.								
Tift County 1 W Fender	22	1740EST			0	0			Hail (1.00)
	Quarter size hail was reported at the Eldorado Food Market just east of I-75.								
Berrien County Alapaha	22	1810EST			0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
	Trees were blown down around Alapaha. Monetary damage was estimated.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Berrien County Nashville	22	1811EST			0	0			Hail (0.88)
Baker County Newton	22	1824EST			0	0			Hail (0.88)
	An upper level trough moved into the region with steep mid level lapse rates and cold temperatures aloft. A surface boundary also moved in from the northwest. Deep moisture convergence and ample amounts of shear combined to produce rather large hail across the area.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
GEORGIA, Southwest									
Thomas County Thomasville	31	1535EST			0	0			Hail (0.75)
	Penny size hail fell in Thomasville.								
Thomas County 2 SW Merrillville	31	1541EST			0	0	1.00K	0.00K	Thunderstorm Wind (55EG)
	Minor roof damage occurred to a mobile home southwest of Merrillville. Monetary damage was estimated.								
	Note: The estimated wind gust of 55 knots is equivalent to 63 mph.								
Thomas County 4 S Coolidge	31	1555EST			0	0			Hail (1.75)
	Golf ball size hail was reported south of Coolidge.								
Thomas County 1 NE Five Forks	31	1600EST			0	0	3.00K	0.00K	Thunderstorm Wind (55EG)
	Several tree were blown down around Coffee and Salem Roads. Monetary damage was estimated.								
	Note: The estimated wind gust of 55 knots is equivalent to 63 mph.								
Brooks County 4 SW Morven	31	1605EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
	Trees were blown down around Jackson Road and Highway 76. Monetary damage was estimated.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Brooks County Grooverville	31	1615EST			0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
	Several trees were blown down in Grooverville. Monetary damage was estimated.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Brooks County 1 N Quitman	31	1615EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
	Trees were blown down in the northern city limits of Quitman. Monetary damage was estimated.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Brooks County Morven	31	1615EST			0	0	5.00K	0.00K	Thunderstorm Wind (55EG)
	Several trees and power lines were blown down in Morven. Monetary damage was estimated.								
	Note: The estimated wind gust of 55 knots is equivalent to 63 mph.								
Lowndes County Hahira	31	1623EST			0	0	1.00K	0.00K	Thunderstorm Wind (55EG)
	A large tree was blown down in Hahira. Monetary damage was estimated.								
	Note: The estimated wind gust of 55 knots is equivalent to 63 mph.								
Brooks County 4 ENE Sand Hill	31	1627EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
	Trees were blown down near the intersection of Highway 122 and Alderman Road. Monetary damage was estimated.								
	Weak upper level troughing, instability over 2000 j/kg, dry air aloft, and fairly steep mid level lapse rates contributed to a few strong to severe thunderstorms. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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HAWAII

**HIZ013>015-018>
019-021-023>024-
026>027**

Big Island Interior - Kohala - Kona - Lanai Makai - Lanai Mauka - Leeward Haleakala - Maui Central Valley - Maui Leeward West - Molokai Leeward - South Big Island

01	0000HST								
31	2359HST				0	0	0.00K	0.00K	Drought

Dry conditions; at least D2 level, or severe drought; persisted over parts of the Hawaiian Islands. Mandatory water restrictions remained in force.

HIZ028

Big Island Summit

21	1449HST								
26	1828HST				0	0	0.00K	0.00K	High Wind

HIZ022

Haleakala Summit

23	1949HST								
28	2210HST				0	0	0.00K	0.00K	High Wind

An upper low east of the state brought high winds to the upper elevations in Maui and on the Big Island of Hawaii. There were no reports of serious property damage or injuries.

**HIZ002-008-012-
017-020-024>025**

Big Island North and East - Kauai Windward - Maui Windward West - Molokai Windward - Oahu Koolau - Olomana - South Big Island - Windward Haleakala

24	2000HST								
30	1500HST				0	0	0.00K	0.00K	High Surf

A trade wind swell generated surf of 6 to 8 feet along the east-facing shores of Kauai, Oahu, Molokai, Maui, and the Big Island of Hawaii. No significant injuries or property damage were reported.

28	1400HST								
31	2359HST				0	0	0.00K	0.00K	Wildfire

A blaze scorched more than 40 acres of dry molasses grass and slash pine in a remote area of the Na Pali-Kona Forest Reserve on the island of Kauai. The cause of the fire was unknown. It did not threaten any structures or rare tropical vegetation. No significant property damage or injuries were reported. However, the blaze remained active through the end of the month.

HIZ009

Olomana

29	1500HST								
30	1800HST				0	0	0.00K	0.00K	Wildfire

A fire blackened 400 acres of dry brush near Kalaheo High School in Kailua on the island of Oahu. The fire came within 25 yards of homes in the area, and nearby residents were affected by thick smoke and ash. However, there were no serious injuries or property damage. Fire officials believe the blaze was intentionally set.

**Maui County
1 S Kihei**

31	1225HST								
	1235HST				0	0	20.00K	0.00K	Dust Devil

A dust devil ripped a corrugated roof off a bus base yard structure in Kihei on the island of Maui. The airborne 30 x 40-foot roof took down power lines before landing against a nearby home on Paulele Place. There were no reports of serious injuries.

**HIZ013>015-018>
019-021-023>024-
026>027**

Big Island Interior - Kohala - Kona - Lanai Makai - Lanai Mauka - Leeward Haleakala - Maui Central Valley - Maui Leeward West - Molokai Leeward - South Big Island

01	0000HST								
31	2359HST				0	0	0.00K	0.00K	Drought

Dry conditions; at least D2 level, or severe drought; persisted over parts of the Hawaiian Islands. Mandatory water restrictions remained in force.

HIZ028

Big Island Summit

21	1449HST								
26	1828HST				0	0	0.00K	0.00K	High Wind

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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HAWAII

HIZ022

Haleakala Summit

23	1949HST								
28	2210HST			0	0	0.00K	0.00K		High Wind

An upper low east of the state brought high winds to the upper elevations in Maui and on the Big Island of Hawaii. There were no reports of serious property damage or injuries.

HIZ002-008-012-017-020-024>025

Big Island North and East - Kauai Windward - Maui Windward West - Molokai Windward - Oahu Koolau - Olomana - South Big Island - Windward Haleakala

24	2000HST								
30	1500HST			0	0	0.00K	0.00K		High Surf

A trade wind swell generated surf of 6 to 8 feet along the east-facing shores of Kauai, Oahu, Molokai, Maui, and the Big Island of Hawaii. No significant injuries or property damage were reported.

28	1400HST								
31	2359HST			0	0	0.00K	0.00K		Wildfire

A blaze scorched more than 40 acres of dry molasses grass and slash pine in a remote area of the Na Pali-Kona Forest Reserve on the island of Kauai. The cause of the fire was unknown. It did not threaten any structures or rare tropical vegetation. No significant property damage or injuries were reported. However, the blaze remained active through the end of the month.

HIZ009

Olomana

29	1500HST								
30	1800HST			0	0	0.00K	0.00K		Wildfire

A fire blackened 400 acres of dry brush near Kalaheo High School in Kailua on the island of Oahu. The fire came within 25 yards of homes in the area, and nearby residents were affected by thick smoke and ash. However, there were no serious injuries or property damage. Fire officials believe the blaze was intentionally set.

Maui County 1 S Kihei

31	1225HST								
	1235HST			0	0	20.00K	0.00K		Dust Devil

A dust devil ripped a corrugated roof off a bus base yard structure in Kihei on the island of Maui. The airborne 30 x 40-foot roof took down power lines before landing against a nearby home on Paulele Place. There were no reports of serious injuries.

IDAHO, Northwest

IDZ001

Northern Panhandle

01	0000PST								
	0300PST			0	0	20.0K	0.00K		Landslide

An extremely wet March and April over the Northern Idaho Panhandle contributed to a large landslide down the steep terrain adjacent to Myrtle Creek in Boundary County. The slide caused extensive damage to Myrtle Creek Road, also known as Forest Road 633.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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IDAHO, Northwest



A large landslide viewed from an adjacent ridge showing the massive size of the slide into Myrtle Creek. Photo courtesy of Cole Heath at KREM.

IDAHO, Southeast

Jefferson County Roberts

20	1900MST						1.00K	0.00K	Thunderstorm Wind (61EG)
	1920MST				0	0			

Thunderstorm winds destroyed flag pole and chicken coop at residence in Roberts and items blown 200 feet from house.

Thunderstorm winds destroyed flag pole and chicken coop at residence in Roberts and items blown 200 feet from house. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

IDAHO, Southwest

Ada County 3 SE Barber 2 S Boise Hills Vlg

01	0000MST						0.00K	0.00K	Flood
15	1445MST				0	0			

Regulated flows on the Boise River increased above flood flow (7,000 cfs) on April 28, and were reduced below flood flow on May 15. Flood impacts were minor. Lowland flooding occurred along the river from Boise downstream through Caldwell to Parma. Sections of the greenbelt path were flooded along with some pasture and fields near the river. Floodwaters inundated a section of Boise River Road between Highway 95 and Notus. Several large trees were up-rooted and became snagged on bridges.

Canyon County 3 E Stoddard 1 E Caldwell Hubler Arpt

01	0000MST						0.00K	0.00K	Flood
15	1445MST				0	0			

Regulated flows on the Boise River increased above flood flow (7,000 cfs) on April 28, and were reduced below flood flow on May 15. Flood impacts were minor. Lowland flooding occurred along the river from Boise downstream through Caldwell to Parma. Sections of the greenbelt path were flooded along with some pasture and fields near the river. Floodwaters inundated a section of Boise River Road between Highway 95 and Notus. Several large trees were up-rooted and became snagged on bridges.

Snow melt of the high elevation snowpack in the Boise River basin prompted water managers to clear more reservoir storage space and continued the discharge from Lucky Peak Dam with the associated minor flooding along the river in Ada and Canyon counties.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
ILLINOIS, Central									
Piatt County									
3 ESE Monticello Arpt	01	1459CST 1500CST	0.13	10	0	0	0.00K	0.00K	Tornado (EF0)
A tornado briefly touched down in a field southeast of Monticello. No damage was reported.									
Champaign County									
3 N Ivesdale 2 WNW (CMI)Willard Fld Cha	01	1506CST 1517CST	8.07	75	0	0	25.00K	0.00K	Tornado (EF1)
A tornado touched down about 3.5 miles northeast of Ivesdale at 4:06 PM CDT then tracked northeastward for 8 miles before lifting 2 miles west of Willard Airport at 4:17 PM CDT. The tornado damaged the roof and windows of a house, overturned a trailer, damaged a corn crib and chicken coop, and knocked down 6 trees along its path.									
Champaign County									
St Joseph	01	1532CST 1533CST			0	0	0.00K	0.00K	Hail (1.00)
Champaign County									
1 WNW Sidney	01	1540CST 1541CST	0.09	20	0	0	0.00K	0.00K	Tornado (EF0)
A tornado briefly touched down in a field west of Sidney. No damage was reported.									
Champaign County									
2 N Homer	01	1547CST 1548CST			0	0	0.00K	0.00K	Hail (1.00)
Vermilion County									
Hegeler	01	1618CST 1619CST	0.46	30	0	0	8.00K	0.00K	Tornado (EF0)
A tornado touched down just southeast of Tilton at 4:18 PM CDT. The tornado blew a small carport garage about 75 yards onto a trailer before lifting at 4:19 PM CDT.									
Vermilion County									
5 S Danville	01	1620CST 1621CST			0	0	0.00K	0.00K	Hail (1.00)
Vermilion County									
Danville	01	1620CST 1621CST			0	0	0.00K	0.00K	Hail (1.75)
Isolated supercell thunderstorms developed along an advancing warm front during the afternoon of May 1st. The storms produced 4 tornadoes across portions of Piatt, Champaign, and Vermilion counties. Only minor damage was noted.									
Christian County									
Taylorville	02	1158CST 1159CST			0	0	0.00K	0.00K	Hail (0.88)
Widely scattered thunderstorms developed in a warm and humid airmass in the wake of a warm front that lifted into northern Illinois on May 2nd. One cell produced nickel-sized hail in Christian County.									
Marshall County									
Sparland	03	1838CST 1839CST			0	0	0.00K	0.00K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, Central

Marshall County 2 W Lacon

03	1840CST 1841CST				0	0	0.00K	0.00K	Hail (1.00)
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Marshall County 3 SE Henry 1 WNW Evans

03	2020CST				0	0	0.00K	0.00K	Flash Flood
04	0700CST				0	0	0.00K	0.00K	Flash Flood

Rainfall rates of 2 to 3 inches per hour for nearly two hours produced flash flooding of several rural roads and state highways in central and eastern Marshall County. The greatest impact was on Illinois Route 89 south of Varna, Illinois Route 17 between Lacon and Varna, and County Road 2600 East near Toluca, where the roads were flooded and had to be closed during the overnight hours due to more than a foot of accumulated water.

Peoria County 2 NW Princeville

03	2308CST 2309CST				0	0	0.00K	0.00K	Hail (1.00)
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Peoria County Princeville

03	2310CST 2315CST				0	0	15.00K	0.00K	Thunderstorm Wind (52EG)
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Numerous tree limbs were blown down in Princeville.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Peoria County 2 NNW Holmes Center

03	2330CST 2335CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A 4-inch diameter tree limb was blown down at Old Galena Road and Cedar Hills Road southwest of Rome.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Woodford County 2 E Low Pt

03	2345CST 2350CST				0	0	8.00K	0.00K	Thunderstorm Wind (52EG)
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Power lines were blown down at 1950 North and 1400 East about 2 miles east of Low Point.

Scattered thunderstorms developed along an outflow boundary across north-central Illinois during the evening of May 3rd. A few of the storms produced up to quarter-sized hail across Marshall County. As a result of numerous storms tracking over the same locations, parts of eastern Marshall County picked up between 3 and 5 inches of rain in a two hour period of time, resulting in flash flooding of several rural roads. Additional storms moved across north-central Illinois during the early morning hours of May 4th, producing scattered wind damage in northern Peoria County and western Woodford County. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Clay County Hord

04	0751CST 0752CST				0	0	0.00K	0.00K	Hail (1.75)
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Thunderstorms along the periphery of a decaying Mesoscale Convective System(MCS) tracked across southeast Illinois during the morning of May 4th. One cell dropped golf ball-sized hail near Hord in Clay County.

Clay County 4 SSE Camp Travis

04	1845CST 1846CST				0	0	0.00K	0.00K	Hail (1.50)
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Clay County 4 SSW Camp Travis

04	1856CST 1857CST				0	0	0.00K	0.00K	Hail (0.88)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, Central

Morgan County Jacksonville

04	2247CST 2248CST				0	0	0.00K	0.00K	Hail (1.00)
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Scattered thunderstorms developed along a mesoscale boundary extending from northern Missouri into southeastern Illinois during the evening of May 4th. A few of the storms produced large hail across parts of Morgan and Clay counties.

Knox County 2 NE Victoria

06	1323CST 1324CST				0	0	0.00K	0.00K	Hail (0.75)
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Marshall County 5 SW Henry

06	1420CST 1421CST				0	0	0.00K	0.00K	Hail (1.75)
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Marshall County Henry

06	1420CST 1421CST				0	0	0.00K	0.00K	Hail (0.88)
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Marshall County Henry

06	1424CST 1425CST				0	0	0.00K	0.00K	Hail (1.00)
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Marshall County Toluca

06	1430CST 1435CST				0	0	8.00K	0.00K	Thunderstorm Wind (52EG)
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Power lines were blown down in Toluca.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Marshall County 1 ENE Toluca

06	1445CST 1450CST				0	0	900.00K	0.00K	Thunderstorm Wind (70EG)
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Strong thunderstorm winds derailed approximately 30 train cars about 1.5 miles east of Toluca in Marshall County.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Vermilion County 3 SW Hoopston

06	1606CST 1607CST				0	0	0.00K	0.00K	Hail (0.88)
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Vermilion County 3 W Hoopston

06	1610CST 1611CST				0	0	0.00K	0.00K	Hail (2.50)
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Champaign County Rantoul

06	1615CST 1620CST				0	0	12.00K	0.00K	Thunderstorm Wind (52EG)
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Power lines were blown down in Rantoul. In addition, an SUV window was broken.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Vermilion County 2 N Rossville

06	1617CST 1618CST				0	0	0.00K	0.00K	Hail (1.00)
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Vermilion County 3 ESE East Lynn 1 SW Hoopston

06	1618CST 1623CST		2.12	75	0	0	65.00K	0.00K	Tornado (EF0)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, Central

A tornado touched down about 3.2 miles west-southwest of Hoopeston at 5:18 PM CDT. The tornado tracked eastward, destroying a grain silo, throwing a grain auger into a 20 X 40 shed, and ripping shingles off two houses before lifting 1.1 miles southwest of Hoopeston at 5:23 PM CDT.

Vermilion County Hoopeston

06	1624CST 1625CST				0	0	0.00K	0.00K	Hail (2.50)
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Vermilion County Hoopeston

06	1630CST 1631CST				0	0	0.00K	0.00K	Hail (1.75)
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Vermilion County 1 SW Hoopeston

06	1658CST 1703CST				0	0	12.00K	0.00K	Thunderstorm Wind (61EG)
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Power poles were blown down near the junction of highways 1 and 9 near Hoopeston.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Vermilion County 1 NE East Lynn 3 ENE Cheneyville

06	1700CST 2230CST				0	0	0.00K	0.00K	Flash Flood
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Nearly 3.00 of rain fell in northeast Vermilion County within 90 minutes during the early evening. Streets and rural roads from Hoopeston to 3 miles west of Hoopeston, and along Illinois Route 9 to the Indiana border were impacted by more than a foot of water.

Vermilion County 1 ESE Newell

06	1720CST 1725CST				0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
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A tree was blown down across Winter Avenue a quarter of a mile east of Bowman Avenue.

An outflow boundary from early morning convection across Iowa and a lake-enhanced boundary from Lake Michigan combined to create a cluster of strong to severe thunderstorms across north-central Illinois during the afternoon and evening of May 6th. The storms primarily impacted locations along and northeast of a Henry...to Rantoul...to Danville line. One cell spawned an EF0 tornado southwest of Hoopeston in Vermilion County, while other storms produced strong winds that derailed part of a train near Toluca in Marshall County. In addition, very heavy rain produced flash flooding in northeast Vermilion County during the evening. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Sangamon County 2 E Pleasant Plains

20	1535CST 1540CST				0	0	30.00K	0.00K	Thunderstorm Wind (61EG)
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Several trees were blown down. The front of a garage was pulled out, and the roof was torn off an outbuilding.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Effingham County 4 SSW Dexter 2 S Keptown

20	1600CST 2130CST				0	0	0.00K	0.00K	Flash Flood
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Rural areas of central Effingham County accumulated nearly 4.00 of rain in two hours during the early evening of May 20th. An isolated, slow moving thunderstorm was responsible for the heavy rainfall. Many rural roads south of I-70 and west of I-57, between Altamont and Watson, were inundated.

Sangamon County 1 W Sherman

20	1608CST 1613CST				0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
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Power lines were blown down west of Sherman.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ILLINOIS, Central									
Sangamon County Williamsville	20	1625CST 1630CST			0	0	12.00K	0.00K	Thunderstorm Wind (52EG)
									A tree fell onto a vacant house in Williamsville. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Logan County Elkhart	20	1640CST 1645CST			0	0	7.00K	0.00K	Thunderstorm Wind (61EG)
									A power pole was blown down and two trees were damaged in Elkhart. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Sangamon County Mechanicsburg	20	1642CST 1643CST			0	0	0.00K	0.00K	Hail (0.75)
Morgan County Franklin	20	1645CST 1646CST			0	0	0.00K	0.00K	Hail (1.00)
Logan County 6 S Mt Pulaski	20	1655CST 1656CST			0	0	0.00K	0.00K	Hail (0.75)
Sangamon County (SPI)Springfield Arp	20	1705CST 1706CST			0	0	0.00K	0.00K	Hail (0.75)
Menard County Athens	20	1727CST 1728CST			0	0	0.00K	0.00K	Hail (0.75)
Champaign County 3 SSW Philo	20	1743CST 1744CST			0	0	0.00K	0.00K	Hail (0.75)
Menard County 8 E Petersburg	20	1754CST 1759CST			0	0	14.00K	0.00K	Thunderstorm Wind (63MG)
									A few trees were blown down and roofing was torn off a home. Note: The measured wind gust of 63 knots is equivalent to 72 mph.
Vermilion County Westville	20	1810CST 1811CST			0	0	0.00K	0.00K	Hail (0.75)
Vermilion County Fairmount	20	1920CST 1921CST			0	0	0.00K	0.00K	Hail (0.75)

A cold front triggered scattered thunderstorms across central Illinois during the late afternoon and evening of May 20th. Many of the storms dropped dime to quarter-sized hail, while a couple cells produced damaging downburst winds. In addition, isolated, slow moving thunderstorms developed along the I-57 corridor. One of these thunderstorms produced very heavy rain and flash flooding in Effingham County.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

ILLINOIS, Central

Woodford County Minonk	28	2207CST 2208CST			0	0	0.00K	0.00K	Hail (0.88)
Champaign County 2 NNW Savoy	28	2319CST 2320CST			0	0	0.00K	0.00K	Hail (0.75)
Champaign County 4 ESE Champaign	28	2328CST 2329CST			0	0	0.00K	0.00K	Hail (0.75)
Christian County Rosamond	29	0025CST 0026CST			0	0	0.00K	0.00K	Hail (1.00)
Christian County Rosamond	29	0032CST 0033CST			0	0	0.00K	0.00K	Hail (1.50)
Effingham County 2 NNE Funkhouser	29	0118CST 0119CST			0	0	0.00K	0.00K	Hail (0.75)
Shelby County Oconee	29	0129CST 0130CST			0	0	0.00K	0.00K	Hail (1.00)
Vermilion County 4 N Fithian	29	0153CST 0154CST			0	0	0.00K	0.00K	Hail (0.75)

A cold front triggered scattered thunderstorms across central Illinois during the evening of May 28th into the early morning hours of May 29th. Many of the storms produced hail, with up to ping pong ball-sized stones being reported in Rosamond in Christian County.

ILLINOIS, Northeast

Will County Plainfield	03	1702CST 1704CST			0	0	0.00K	0.00K	Hail (0.75)
Cook County Niles Morton Grove	03	1735CST 1740CST			0	0	0.00K	0.00K	Hail (1.25)
Cook County Evanston	03	1752CST 1754CST			0	0	0.00K	0.00K	Hail (1.25)
Cook County Des Plaines 1 NE Orchard Place	03	1812CST 1818CST			0	0	0.00K	0.00K	Hail (1.00)

Multiple reports of half dollar size hail were received between Niles and Morton Grove.

Multiple reports of quarter size hail were received between Des Plaines and Park Ridge, including a report near the intersection of Touhy Avenue and River Road.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, Northeast

Cook County

**Norridge
1 SSE Niles** 03 1818CST
1823CST 0 0 0.00K 0.00K Hail (0.88)

Multiple reports of hail up to the size of nickels were received between Norwood Park and Niles, including a report near the intersection of Touhy Avenue and Caldwell Avenue.

Cook County

1 WNW West Glenview 03 1905CST
1907CST 0 0 0.00K 0.00K Hail (0.75)

Dime to penny size hail was reported near the intersection of Golf Road and Shermer Road.

Cook County

Niles 03 1915CST
1920CST 0 0 0.00K 0.00K Hail (1.00)

Cook County

1 SW West Glenview 03 1920CST
2030CST 0 0 0.00K 0.00K Flash Flood

Dempster Street was flooded between Waukegan Road and Ozark Street.

Cook County

2 ESE Skokie 03 1930CST
2130CST 0 0 0.00K 0.00K Flash Flood

The intersection of Howard Street and Western Avenue was closed due to flooding.

Cook County

**1 SSE Dunning
1 WSW Avondale** 03 1938CST
1958CST 0 0 0.00K 0.00K Hail (1.75)

Numerous large hail reports were received from the near-north side of Chicago. The largest report was of golfball size hail near the intersection of Milwaukee Avenue and Addison Street. Quarter to ping-pong ball size hail was reported near Harwood Heights, Portage Park, Old Irving Park, and just east of North Park.

Cook County

**1 ESE Avondale
2 NNE Deering** 03 2002CST
2005CST 0 0 0.00K 0.00K Hail (1.00)

Up to quarter size hail was reported from the intersection of Wilson Avenue and Broadway Street south to Wrigleyville.

Cook County

Oak Lawn 03 2054CST
2059CST 0 0 0.00K 0.00K Hail (1.00)

Multiple reports of hail to the size of quarters were received from Oak Lawn.

Cook County

2 NE Englewood 03 2108CST
04 0200CST 0 0 0.00K 0.00K Flash Flood

Martin Luther King Drive between 51st Street and 55th Street and portions of Garfield Boulevard were impassable due to flash flooding.

Cook County

Brookfield 03 2111CST
04 0200CST 0 0 0.00K 0.00K Flash Flood

Ogden Avenue was impassable between Joliet Avenue and Lawndale Avenue.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, Northeast

Cook County 2 S Worth

03	2150CST 2152CST				0	0	0.00K	0.00K	Hail (0.88)
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Cook County 1 SSE Oak Lawn

03 04	2230CST 0200CST				0	0	0.00K	0.00K	Flash Flood
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Torrential rain fell across portions of southern Cook County causing roadways to be closed due to flooding. Kedzie Avenue was flooded between 87th Street and 103rd Street. Cicero Avenue was also closed near 103rd Street. A report from a mile south-southwest of Oak Lawn indicated that 2.70 inches of rain fell in just an hour with a storm total of 3.20 inches. Another report from 3 miles southwest of Midway Airport indicated that 0.85 inches of rain fell in 15 minutes.

Livingston County Long Pt

03	2358CST				0	0	0.00K		Thunderstorm Wind (60EG)
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Multiple utility poles and wires were blown down along with a few trees.

Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

Livingston County 1 N Cornell

04	0007CST				0	0	0.00K		Thunderstorm Wind (60EG)
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Scattered wind damage was reported across Cornell, including a few trees and utility poles that were blown down.

Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

Livingston County 2 ESE Rowe 1 WNW Pontiac

04	0015CST				0	0	0.00K		Thunderstorm Wind (56MG)
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A few trees and multiple utility poles were blown down in Pontiac. A wind gust to 64 mph was measured at the airport.

A slow moving cold front sagged south across northern Illinois during the evening of May 3rd. Isolated severe thunderstorms initially developed over northern Illinois then became more widespread overnight as thunderstorms continued to develop upstream and train along the frontal boundary. Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Boone County Belvidere

06	0925CST 0926CST				0	0	0.00K	0.00K	Hail (1.00)
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Boone County Belvidere

06	0940CST 0941CST				0	0	0.00K	0.00K	Hail (1.00)
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Kendall County Lisbon Center

06	1004CST 1005CST				0	0	0.00K	0.00K	Hail (0.75)
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Cook County 1 W Park Forest

06	1200CST 1201CST				0	0	0.00K	0.00K	Hail (0.88)
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Cook County Kedzie

06	1352CST 1353CST				0	0	0.00K	0.00K	Hail (0.88)
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Dime and nickel size hail was reported in Humboldt Park.

Iroquois County 7 W Chebanse 7 WNW Clifton

06	1420CST 1428CST				0	0	0.00K	0.00K	Hail (1.75)
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Quarter to golf ball size hail was reported on County Road 400 East between 3300 North and 3200 North.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ILLINOIS, Northeast									
Ford County Cabery	06	1430CST 2030CST			0	0	0.00K	0.00K	Flash Flood
Illinois Highway 115 was covered quickly with water based on field debris and mud signatures over the road.									
La Salle County Streator	06	1431CST 1433CST			0	0	0.00K	0.00K	Hail (1.00)
Iroquois County 1 ENE Chebanse	06	1433CST 1436CST			0	0	0.00K	0.00K	Hail (1.75)
Iroquois County Clifton	06	1435CST 1439CST			0	0	0.00K	0.00K	Hail (2.75)
Livingston County 3 SSW Munster	06	1450CST			0	0	0.00K	0.00K	Thunderstorm Wind (52MG)
Note: The measured wind gust of 52 knots is equivalent to 60 mph.									
La Salle County 2 SW Garfield	06	1515CST 2030CST			0	0	0.00K	0.00K	Flood
Two feet of water was reported over Illinois Highway 17 near the La Salle and Livingston county borders.									
Iroquois County 2 E Crescent City 2 WSW Watseka	06	1537CST 1538CST			0	0	50.00K	0.00K	Thunderstorm Wind (87EG)
A National Weather Service storm survey team determined that approximately 100 mph straight-line winds toppled around fifty 70-foot high wooden utility poles on the north side of Highway 24. Several of these poles were snapped. In addition, a few large trees were also blown down.									
Note: The estimated wind gust of 87 knots is equivalent to 100 mph.									
Iroquois County 1 WNW Watseka	06	1544CST 1545CST			0	0	5.00K	0.00K	Thunderstorm Wind (60EG)
Numerous large trees were blown down throughout the town of Watseka. Density was the highest on the north side of town, where three utility poles were also blown down. There was minor roof damage to a few buildings.									
Note: The estimated wind gust of 60 knots is equivalent to 69 mph.									
Iroquois County 2 ESE Watseka 2 WSW Eastburn	06	1548CST 1551CST	1.3	200	0	0	25.00K	0.00K	Tornado (EF1)
An EF1 tornado touched down east-southeast of Watseka with maximum winds of 85 to 95 mph. Two farmsteads experienced damage. A small barn was destroyed with its cinder block walls toppled and roof thrown one half mile. Multiple outbuildings had mainly minor damage. One utility pole was blown down. At one farmstead, there were several impaled objects, including pieces of wood into a camper and the ground, as well as a stop sign into the soil of an uprooted tree base.									
Livingston County 1 WNW Chatsworth	06	1555CST 1556CST			0	0	0.00K	0.00K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, Northeast

Iroquois County

2 ENE Coaler Station

06	1630CST 1900CST				0	0	10.00K	0.00K	Flash Flood
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A portion of the road buckled and was washed away at the intersection of 1730 North Road and Route 1. An observer 5 miles west of Watseka measure 1.37 inches of rainfall in 30 minutes.

La Salle County

Marseilles

06	2157CST				0	0	0.00K	0.00K	Flash Flood
07	0600CST				0	0	0.00K	0.00K	Flash Flood

Ryall Street was impassable and closed due to flooding. Approximately two feet of water was covering the road at the time of the report with runoff continuing to run downhill into the flooded area.

La Salle County

Streator

06	2204CST 2205CST				0	0	0.00K	0.00K	Hail (1.00)
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Grundy County

2 WNW Paytonville

06	2330CST				0	0	0.00K	0.00K	Flash Flood
07	0600CST				0	0	0.00K	0.00K	Flash Flood

West Southmor Road was impassable and closed due to high water.

Kankakee County

1 WSW Reddick 2 W Union Hill

07	0000CST 0600CST				0	0	0.00K	0.00K	Flood
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Several roads had water covering them across the area. Almost all creeks were out of their banks with a majority of fields flooded. Illinois Highway 17 had water across one lane of the road in multiple locations.

Ford County

4 N Cabery

07	0030CST 0600CST				0	0	0.00K	0.00K	Flash Flood
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Illinois Highway 115 had mud and field debris signatures indicating that water had come up quickly and encompassed the road. Almost all fields in the area were flooded and at least one creek was out of its banks over a roadway just to the east of Cabery.

Iroquois County

1 ENE Danforth

07	0230CST 1300CST				0	0	0.00K	0.00K	Flood
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Old US Highway 45 was covered with water and remained as such at least into the afternoon. Numerous fields in the area were also flooded.

A warm front slowly lifted northward across portions of central Illinois during the afternoon of May 6th. Severe thunderstorms developed along this boundary with slow storm motions leading to flooding. Additional thunderstorms developed late in the evening and overnight leading to additional flooding.

Lee County

Paw Paw

20	1455CST 1457CST				0	0	0.00K	0.00K	Hail (1.00)
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Mchenry County

Marengo

20	1500CST				0	0	0.00K	0.00K	Thunderstorm Wind (65MG)
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Note: The measured wind gust of 65 knots is equivalent to 75 mph.

Lee County

Paw Paw

20	1501CST				0	0	0.00K	0.00K	Hail (0.75)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
ILLINOIS, Northeast									
Mchenry County Marengo	20	1510CST 1511CST			0	0	0.00K	0.00K	Hail (1.00)
Mchenry County Marengo	20	1510CST			0	0	0.00K	0.00K	Thunderstorm Wind (50MG) Note: The measured wind gust of 50 knots is equivalent to 58 mph.
Mchenry County 1 E Hartland	20	1515CST 1516CST			0	0	0.00K	0.00K	Hail (1.00) Quarter size hail was reported on Alden Road.
Mchenry County 1 S Woodstock Arpt	20	1523CST 1524CST			0	0	0.00K	0.00K	Hail (1.00) Quarter size hail was reported at US 14 and Kishwaukee Valley Road.
Kane County 2 SE Kaneville	20	1635CST 1639CST			0	0	0.00K	0.00K	Hail (0.75) Penny size hail fell near Harter Road and Lasher Road.
Kane County Elburn	20	1648CST 1650CST			0	0	0.00K	0.00K	Hail (0.88)
Grundy County 1 W Morris	20	1704CST 1706CST			0	0	0.00K	0.00K	Hail (0.75)
Grundy County 1 WNW Morris	20	1708CST 1710CST			0	0	0.00K	0.00K	Hail (1.00) Several reports of hail up to the size of quarters came in from Morris, including at the intersections of Union and Route 6, Route 6 and Route 47, as well as McKinley Street and Route 47.
Livingston County 1 WSW Dwight	20	1742CST 1744CST			0	0	0.00K	0.00K	Hail (1.00)
Kankakee County 3 NNE Sherburnville	20	1806CST			0	0	0.00K	0.00K	Thunderstorm Wind (51MG) A wind gust to 59 mph was measured near State Line Road and 10500 North. Note: The measured wind gust of 51 knots is equivalent to 59 mph.
Du Page County Willowbrook	20	2000CST 2002CST			0	0	0.00K	0.00K	Hail (0.75) A line of severe thunderstorms developed ahead of a cold front during the late afternoon and evening of May 20th. These thunderstorms produced hail with several microbursts also occurring, producing damaging winds.
ILZ008 Ogle	24	1328CST			0	0	10.0K	0.00K	Strong Wind

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, Northeast

ILZ012

Kane

24	1441CST 1730CST				0	0	0.00K	0.00K	Dust Storm
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A deepening area of low pressure pushed across the upper Mississippi Valley causing strong southerly winds across northern Illinois. Maximum wind gusts across the area generally ranged from 35 to near 50 mph, with at least two mesonet sites reporting gusts in excess of 50 mph. Dry conditions in some areas led to dust being blown reducing visibility to near zero at times.

Winnebago County

2 NNW West End

26	0413CST 0414CST				0	0	0.00K	0.00K	Hail (0.75)
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Mchenry County

2 ENE Crystal Lake Arpt

26	0603CST 0606CST				0	0	0.00K	0.00K	Hail (0.88)
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Mchenry County

2 NE Fox River Grove

26	0605CST 0607CST				0	0	0.00K	0.00K	Hail (0.75)
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Mchenry County

1 NW Cary

26	0612CST 0616CST				0	0	0.00K	0.00K	Hail (0.75)
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An area of strong thunderstorms developed over portions of north central Illinois in the early morning hours of May 26th.

ILLINOIS, Northwest

Mercer County

2 WSW Marston

02	0401CST				0	0	0.00K	0.00K	Hail (1.00)
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Spotter reported hail was mostly penny sized with quarter sized mixed in. Time of the event was estimated from radar due to a delayed report.

During the early morning hours of May 2nd a strong disturbance lifting northward centered the development of a line of thunderstorms along a warm front bisecting Illinois from west to east. As this line of thunderstorms moved eastward into northwest Illinois, it produced an isolated report of hail in Mercer County Illinois.

Henry County

1 E Galva

03	2230CST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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The emergency manager reported several 2 to 4 inches in diameter branches down on the northwest wide of Galva.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Bureau County

5 NE Providence

03	2310CST				0	0	0.00K	0.00K	Flash Flood
04	0537CST				0	0	0.00K	0.00K	Flash Flood

A trained spotter reported severe flooding in the area; 800 North Avenue East is washed out near Tiskilwa, several other area roads have water running across them.

Showers and thunderstorms began developing across west central Illinois in the early evening hours with severe thunderstorms moving into the area from eastern Iowa by 1030 PM CDT producing sporadic large hail, strong winds, and heavy rainfall. The heaviest rainfall amounts in northwest Illinois ranged from 1.13 inches in Mercer County to over 3 inches in Henry County.

Henry County

2 W Bishop Hill

06	1252CST				0	0	0.00K	0.00K	Hail (0.75)
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A report of dime sized hail was relayed from the Galva ESDA.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ILLINOIS, Northwest									
Henry County Bishop Hill	06	1256CST			0	0	0.00K	0.00K	Hail (1.00)
	Hail increased from dime to quarter sized.								
Bureau County 1 WNW Wyanet	06	1305CST			0	0	0.00K	0.00K	Funnel Cloud
	A trained spotter reported a funnel cloud extended halfway to the ground. The spotter also reported that no debris was visible.								
Bureau County 2 ENE Wyanet	06	1307CST			0	0	0.00K	0.00K	Hail (1.00)
Bureau County 1 N Princeton	06	1335CST			0	0	0.00K	0.00K	Hail (0.88)
Bureau County 1 N Lone Tree Corners	06	1405CST			0	0	0.00K	0.00K	Hail (1.75)
	Trained spotter reported that hail falling was between a half inch and golf ball sized.								
Putnam County 3 ESE Putnam	06	1420CST			0	0	0.00K	0.00K	Hail (1.00)
	A trained spotter reported quarter sized hail near the Putnam and Marshall County lines.								
Putnam County 1 W Magnolia	06	1435CST			0	0	0.00K	0.00K	Hail (1.00)
Putnam County 1 W Magnolia	06	1435CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
	A trained spotter reported an estimated wind gust of 70 knots.								
	Note: The estimated wind gust of 61 knots is equivalent to 70 mph.								
Putnam County 1 SE Magnolia	06	1440CST			0	0	0.00K	0.00K	Hail (0.88)
	A disturbance lifting into the Upper Midwest on May 6, 2012 allowed for the development of scattered showers and thunderstorms across northwest Illinois during the afternoon hours. Thunderstorms that developed in the early afternoon quickly became severe in Bureau and Putnam Counties producing hail as large as golf balls and winds as strong as 70 miles per hour. In addition to the hail and strong winds, thunderstorms also produced heavy rain with rainfall reports ranging from 1.13 inches of rain in Mercer County to 2.53 inches of rain in Henry County.								
Rock Island County 1 E Rock Is	15	1720CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
	A trained spotter reported a 5 inch tree limb down in Rock Island. Time of the event was estimated.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Rock Island County 1 NW Blackhawk State Park	15	1720CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
	In the Hilltop area, 4 to 5 mulberry tree branches were downed by a thunderstorm wind gust.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Henry County 2 SE Morristown	15	1815CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
	The trained spotter estimated a wind speed of 60 mph with 3 inch tree limbs down.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
ILLINOIS, Northwest									
Henry County 1 N Alpha	15	1840CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
	A trained spotter reported a road sign was blown over. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Henry County 2 N Kewanee	15	1850CST			0	0	0.00K	0.00K	Hail (0.75)
	A trained spotter reported nickel sized hail.								
Henry County 2 N Kewanee	15	1850CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
	A person from the public reported a 5 inch tree limb down. A disturbance associated with a cold front diving southeastward across the region pushed a line of showers and thunderstorms from eastern Iowa into northwest Illinois during the early evening. One of the thunderstorms became severe in eastern Iowa and continued into northwest Illinois producing thunderstorm wind damage in Rock Island and Henry Counties along with pea sized hail. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.								
Rock Island County Cordova	26	0006CST			0	0	0.00K	0.00K	Hail (0.88)
	This report was relayed by the media, and the time of the event was estimated using radar.								
Stephenson County 1 S Pearl City	26	0336CST			0	0	0.00K	0.00K	Hail (0.75)
	A trained spotter reported dime sized hail with leaves shredded off of trees.								
Stephenson County 1 NW Freeport	26	0337CST			0	0	0.00K	0.00K	Hail (0.75)
	Dime sized hail was reported.								
Stephenson County 2 W Winneshiek	26	0340CST			0	0	0.00K	0.00K	Hail (0.88)
	A storm system moved from the Central Plains into the Mid Mississippi Valley overnight and brought scattered showers and thunderstorms to northwest Illinois. Severe thunderstorms developed by late in the evening on May 25, 2012 and moved into northwest Illinois after midnight on May 26, 2012 mainly north of Interstate 80. These thunderstorms moved eastward through Illinois producing pea to penny sized hail. Rainfall amounts ranged from 1 to 2 inches in Stephenson and Jo Daviess Counties.								
Rock Island County 1 E Port Byron	28	1638CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
	A trained spotter reported a 4 foot diameter tree down. The spotter estimated the wind speed at 70 mph. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.								
Rock Island County 1 E Port Byron	28	1638CST			0	0	0.00K	0.00K	Thunderstorm Wind (60EG)
	Law enforcement reported several blocks with numerous trees down in Port Byron. Note: The estimated wind gust of 60 knots is equivalent to 69 mph.								
Henry County 1 NE Atkinson	28	1835CST			0	0	0.50K		Thunderstorm Wind (60EG)
	A barn was destroyed, resulting in a number of cattle killed. The time coincided with a microburst that was observed by a trained spotter. Note: The estimated wind gust of 60 knots is equivalent to 69 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, Northwest

Henry County

5 NNE Atkinson

28 1839CST 0 0 0.00K 0.00K Thunderstorm Wind (60EG)

An NWS employee reported a 7 inch diameter tree trunk snapped off about 12 feet above ground. The employee also saw pea to dime sized hail around the time of the damaging microburst wind gust.

Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

McDonough County

1 N Bushnell

28 2035CST 0 0 0.00K 0.00K Thunderstorm Wind (50EG)

A trained spotter reported 6 inch diameter limbs down just north of Bushnell. Pea sized hail also occurred.

A cold front swept across the Mid Mississippi Valley during the late afternoon and early evening hours on May 28, 2012. Scattered showers and thunderstorms developed ahead of this cold front producing severe hail and wind as they moved through northwest and west central Illinois. These thunderstorms produced quarter to half inch hail in Rock Island, Whiteside, and Lee Counties. Strong winds associated with the thunderstorms knocked down trees in Rock Island, Henry, and McDonough Counties. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

ILLINOIS, South

Wabash County

Friendsville

04 1230CST 0 0 10.00K 0.00K Thunderstorm Wind (65EG)

A couple of power poles were down.

A short line of thunderstorms intensified while interacting with a moderately unstable air mass. The line of storms evolved into a bow echo, producing isolated wind damage and large hail as it progressed across the Wabash Valley into southwest Indiana. Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Wayne County

Fairfield

04 1822CST 0 0 0.00K 0.00K Hail (1.00)

Thunderstorm activity developed on the leading edge of a strengthening southwesterly low level jet extending into the Mid-Mississippi and Lower Ohio Valleys. This activity was in the vicinity of a southeast to northwest oriented frontal boundary which extended from far southwest Indiana to west central Illinois. Lingering moderate instability and steep mid-level lapse rates, combined with a 40 to 50 knot northwesterly mid-level jet, supported organized storms with large hail.

Hamilton County

Dahlgren

05 0152CST 0 0 0.00K 0.00K Hail (0.88)

Jefferson County

Mt Vernon

05 0315CST 0 0 0.00K 0.00K Hail (1.00)

Elevated thunderstorms increased in coverage and intensity in association with warm air arriving on the leading edge of a 35-knot southwesterly low level jet. The southwesterly winds brought very unstable air, supporting isolated large hail in the strongest storms. Late at night, the storms spread east-southeast and grew into a cluster.

Franklin County

Valier

06 1842CST 0 0 0.00K 0.00K Hail (0.75)

Jefferson County

Waltonville

06 1920CST 0 0 0.00K 0.00K Hail (0.75)

Thunderstorms producing hail up to dime size occurred in a warm and moist southerly wind flow. The warm and unstable air was ahead of a cold front that extended from central Illinois through central Missouri.

ILZ077-082>083-085>094

Alexander - Edwards - Gallatin - Hamilton - Hardin - Johnson - Massac - Pope - Pulaski - Saline - Union - Wabash - White - Williamson

12 0000CST
31 2359CST 0 0 0.00K 0.00K Drought

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, South

One of the warmest and driest Mays on record worsened the rare spring drought over southern Illinois. By the end of May, the drought was severe in the counties along the Ohio River. Moderate drought conditions existed elsewhere to the southeast of a line from Fairfield to Carbondale. At Carbondale, spring of 2012 was the second driest spring on record. Only 6.50 inches of rain fell from March through May. The month of May was the driest on record. Only 0.40 inch fell at Carbondale in May. Soils continued to dry out, and topsoil moisture deficits began to be reported. Streamflows were running below normal by the end of the month.

Jackson County 4 NW Murphysboro

20	1543CST			0	0	0.00K	0.00K	Hail (1.00)
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Jackson County 3 N Murphysboro

20	1550CST			0	0	100.00K	0.00K	Hail (1.75)
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Golf-ball size hail damaged cars, roofs, and siding.

Jefferson County Mt Vernon

20	1613CST 1623CST			0	0	0.00K	0.00K	Hail (0.75)
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Dime-size hail lasted for ten minutes.

Jefferson County Mt Vernon

20	1644CST			0	0	0.00K	0.00K	Hail (0.88)
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Nickel-size hail fell on the southeast side of Mount Vernon.

Jefferson County Mt Vernon

20	1645CST			0	0	0.00K	0.00K	Hail (1.00)
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Wayne County Fairfield

20	1721CST 1724CST			0	0	0.00K	0.00K	Hail (1.10)
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Quarter-size hail fell in Fairfield. Hail slightly bigger than quarter size fell on the south side of Fairfield.

Saline County Harrisburg

20	1736CST			0	0	0.00K	0.00K	Hail (1.00)
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Saline County Harrisburg

20	1745CST			0	0	20.00K	0.00K	Thunderstorm Wind (52EG)
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Trees and power lines were blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Saline County Muddy

20	1755CST			0	0	60.00K	0.00K	Thunderstorm Wind (56EG)
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Trees were blown down. Some trees landed on houses and power lines. Traffic was stopped by debris. Wind-driven hail contributed to some of the damage.

Clusters of thunderstorms developed across southern Illinois during the heat of the afternoon. The storms produced isolated damaging wind gusts and large hail. The storms formed ahead of a cold front that extended from southern Wisconsin southwest across central Missouri and eastern Oklahoma. Strong surface heating aided in the development of steep low-level lapse rates and moderate instability, with capes from 1500 to 2000 j/kg. In addition, a weak upper-level disturbance crossing southwest Missouri provided a trigger for storm initiation. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, Southwest

St. Clair County
1 SE Floraville 04 1020CST 0 0 0.00K 0.00K Hail (1.25)

Madison County
1 N Manix Station 04 2122CST 0 0 0.00K 0.00K Hail (0.75)

Macoupin County
1 SW Plainview 04 2306CST 0 0 0.00K 0.00K Hail (0.75)

Macoupin County
2 W Gillespie 04 2319CST 0 0 0.00K 0.00K Hail (1.00)

A storm complex moved southeast through forecast area during the early morning hours of May 4th. There were some isolated reports of large hail. Then additional activity fired up during the evening hours of May 4th with additional reports of large hail with some of the storms.

Macoupin County
1 NE Bunker Hill 28 2338CST 0 0 0.00K 0.00K Hail (0.75)

Macoupin County
1 NW Dorchester 28 2340CST 0 0 0.00K 0.00K Hail (1.00)

Madison County
1 SW Alton 28 2348CST
1 WNW Wood River 29 0005CST 0 0 0.00K 0.00K Hail (1.00)

A cold front moved through the region, triggering showers and thunderstorms. There were several reports of large hail.

INDIANA, Central

Clay County
2 N Old Hill 01 1333EST
1334EST 0.1 50 0 0 3.00K 0.50K Tornado (EF0)

A small storm, with a weak radar signature, produced a brief tornado near Cory in Clay County. This EF-0 tornado had a path length of 0.1 mile and was 50 yards wide, touching down at 2:33 PM EDT. A few trees and some corn stalks were damaged from this tornado.

Monroe County
Ellettsville 01 1400EST 0 0 4.00K Thunderstorm Wind (56EG)

Isolated reports of trees being down in the Ellettsville area were due to damaging thunderstorm wind gusts.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Brown County
Nashville 01 1447EST
1449EST 0 0 Hail (1.00)

Bartholomew County
1 WSW Riverview Acres 01 1450EST
1452EST 0 0 Hail (1.00)

Quarter sized hail was observed in northwest Columbus on Lowell Road, just west of Highway 31.

Bartholomew County
Taylorsville 01 1453EST 0 0 3.00K Thunderstorm Wind (56EG)

Trees were reported down in this location due to damaging thunderstorm wind gusts.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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INDIANA, Central

Johnson County

1 NNW Smith Valley

01	1453EST				0	0			Thunderstorm Wind (51MG)
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A measured 59 mph thunderstorm wind gust was observed in this location.

Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Marion County

1 S Ravenswood

01	1514EST				0	0	1.00K	0.00K	Flood
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Street flooding was observed along Keystone and Kessler Avenues due to thunderstorm heavy rainfall.

Decatur County

Milford

01	1523EST				0	0			Hail (1.00)
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Decatur County

Milford

01	1523EST				0	0			Thunderstorm Wind (68EG)
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An estimated 78 mph thunderstorm wind gust was observed in Milford.

Note: The estimated wind gust of 68 knots is equivalent to 78 mph.

Decatur County

2 N Greensburg

01	1527EST				0	0	12.00K	0.00K	Thunderstorm Wind (61EG)
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A semi trailer was blown over due to damaging thunderstorm wind gusts.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Henry County

1 NE Sulphur Spgs

01	1549EST				0	0			Thunderstorm Wind (61EG)
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An estimated 70 mph thunderstorm wind gust was observed in Sulphur Springs.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Morgan County

4 S Paragon

01	1550EST				0	0	0.00K	0.00K	Hail (0.75)
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Henry County

1 SE Straughn

01	1556EST				0	0			Thunderstorm Wind (50EG)
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An estimated 58 mph thunderstorm wind gust was observed in Straughn.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Lawrence County

1 N O Olitic

01	1625EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was accompanied by 40 mph thunderstorm wind gusts.

Jackson County

3 W Crothersville

01	1702EST				0	0			Hail (1.00)
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Warren County

1 WSW Foster

01	1731EST				0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
INDIANA, Central									
Fountain County 3 S Covington	01	1741EST 1743EST			0	0			Hail (1.00)
Fountain County 1 SE Veedersburg	01	1750EST 1752EST			0	0	0.00K		Hail (1.00)
Fountain County 4 SE Steam Corner	01	1757EST 1758EST	0.14	50	0	0			Tornado (EF0)
<p>This tornado-producing storm formed in Illinois before traveling into central Indiana. The storm produced a tornado in central Indiana near the town of Yeddo in Fountain County. The EF-0 rated tornado touched down at 6:57 PM EDT and was on the ground briefly. The tornado's width was 50 yards and the path length was approximately one tenth of a mile.</p>									
Hendricks County 1 SSE North Salem	01	1800EST 1802EST			0	0	0.00K	0.00K	Hail (0.75)
Hendricks County 1 SSE North Salem	01	1800EST 1802EST			0	0	0.00K	0.00K	Hail (0.75)
Knox County Monroe City	01	1803EST 1805EST			0	0	0.00K	0.00K	Hail (0.88)
Knox County Monroe City	01	1807EST 1809EST			0	0		0.00K	Hail (1.00)
Owen County 2 ESE Adel	01	1808EST 1810EST			0	0			Hail (1.00)
Knox County 1 SW Wheatland	01	1813EST 1815EST			0	0		0.00K	Hail (1.00)
Hendricks County 1 E Plainfield	01	1825EST 1827EST			0	0		0.00K	Hail (1.00)
Hendricks County 1 E Plainfield	01	1829EST 1831EST			0	0		0.00K	Hail (1.25)
Montgomery County 2 SSE Linnsburg	01	1836EST 1837EST	0.46	150	0	0	48.00K		Tornado (EF1)

The same storm that produced the Yeddo tornado went on to produce this EF-1 tornado in Montgomery County, near the town of New Ross. The tornado touched down at 7:36 PM EDT and was on the ground for about a minute. Wind speeds for the tornado were 100-110 mph, and the width was 150 yards. The tornado was on the ground for about a half mile as it hit a house, destroyed a barn, and downed trees onto a house and two cars.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
INDIANA, Central									
Monroe County									
Unionville	01	1904EST 1906EST			0	0			Hail (1.50)
Hancock County									
1 NNE Greenfield	01	1911EST 2100EST			0	0	1.00K	0.00K	Flood
Heavy flooding was reported along Highway 9 in Greenfield due to thunderstorm heavy rainfall.									
Brown County									
Nashville	01	1918EST 1920EST			0	0		0.00K	Hail (1.50)
Morgan County									
4 S Paragon	01	2028EST 2030EST			0	0	0.00K	0.00K	Hail (0.88)
An area of low pressure moved along a warm front during the afternoon of May 1. The low and front interacted with warm and unstable air to produce numerous thunderstorms across central Indiana. One storm produced a couple of tornadoes, and another produced a brief tornado. Other storms produced large hail and damaging winds.									
Knox County									
1 W Bicknell	04	1350EST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
A tree and power lines were downed due to damaging thunderstorm wind gusts.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Boone County									
1 WNW Thorntown	04	1839EST			0	0	7.00K		Thunderstorm Wind (52EG)
Many tree limbs were reported down due to damaging thunderstorm wind gusts. Some of these caused significant damage to awnings.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Monroe County									
Ellettsville	04	2032EST 2033EST			0	0	0.00K	0.00K	Hail (0.88)
Lawrence County									
2 ENE Yockey	04	2115EST 2116EST			0	0	0.00K	0.00K	Hail (0.75)
Showers and thunderstorms developed across the southern half of Indiana during the afternoon and evening hours of May the 4th. The hail reports that were received came in under severe criteria. However, a couple severe wind reports were received from these storms.									
Tippecanoe County									
1 N Klondyke	06	1840EST			0	0	0.70K		Thunderstorm Wind (48EG)
A small, rotted tree was downed near County Road 225 West and Morehouse Road due to strong thunderstorm wind gusts. Some small branches were also downed.									
Note: The estimated wind gust of 48 knots is equivalent to 55 mph.									
Tippecanoe County									
1 S Lafayette	06	1845EST			0	0	0.75K		Thunderstorm Wind (48EG)
A large oak tree was uprooted in Burden Cemetery near the intersection of Route 52 and Klondike Road due to strong thunderstorm wind gusts.									
Scattered thunderstorms developed over the northern half of Illinois during the afternoon hours of May the 6th. As the storms moved into Indiana, they congealed into a small line and slightly bowed as it moved into northwest portions of central Indiana. A couple of sub-severe wind reports were received out of the Lafayette area. Note: The estimated wind gust of 48 knots is equivalent to 55 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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INDIANA, Central

Delaware County

1 W Muncie	07	1435EST 1437EST			0	0	0.00K	0.00K	Hail (0.88)
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Delaware County

Morningside	07	1442EST			0	0		0.00K	Hail (1.00)
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Delaware County

1 S Morningside	07	1445EST 1447EST			0	0		0.00K	Hail (1.00)
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Delaware County

2 ESE Morningside	07	1448EST 1450EST			0	0	0.00K	0.00K	Hail (0.88)
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Delaware County

1 NNE Muncie	07	1453EST 1455EST			0	0	0.00K	0.00K	Hail (0.88)
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Randolph County

3 SSW Fairview	07	1508EST 1510EST			0	0			Hail (1.00)
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This report of one inch sized hail was relayed by the media.

Randolph County

1 NNW Stone	07	1524EST 1526EST			0	0			Hail (1.00)
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Monroe County

Ellettsville	07	2025EST 2200EST			0	0	1.00K	0.00K	Flood
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A few roads were closed in Ellettsville due to high water from thunderstorm heavy rainfall.

Monroe County

Ellettsville	07	2155EST 2300EST			0	0	1.00K	0.00K	Flood
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A few homes were evacuated as a precaution due to high water near where Jacks Defeat Creek crosses State Route 46.

A line of scattered thunderstorms developed over eastern portions of central Indiana during the afternoon hours of May 7th. These storms produced a number of hail reports over Delaware and Randolph counties before pushing off to the east.

INDIANA, Northeast

Fulton County

1 ENE Rochester Arpt	20	2242EST 2243EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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County dispatch reported a metal roof was blown off an outbuilding onto the top of a home near the intersection of County Road 450 East and Fort Wayne Street. The home also suffered some window damage.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Fulton County

1 W Athens	20	2245EST 2246EST			0	0	0.00K	0.00K	Thunderstorm Wind (55EG)
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Emergency management officials reported numerous trees down.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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INDIANA, Northeast

A cold front moved through northern Indiana during the overnight hours of May 20th into the 21st. A broken line of showers and thunderstorms moved across the area along this front. However, the line was weakening as it encountered loss of heating and a decrease in instability. One thunderstorm was able to gain sufficient strength to produce isolated wind damage in portions of Fulton county. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

INDIANA, Northwest

Benton County **1 SSE Otterbein**

06	1758EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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Two power poles and a large tree limb were blown down across a road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Benton County **2 WNW Raub**

06	1838EST				0	0	5.00K	0.00K	Flash Flood
	2300EST								

The road was completely washed out near the intersection of 900N and 1100W near the state-line. Water was reported up to the hood of a car. On Route 71, water was completely covering the intersection.

Lake County **Leroy**

06	2345CST				0	0	0.00K	0.00K	Flash Flood
07	0430CST								

Several major and minor roads were flooded and impassable across portions of southern Porter County, including Highway 231 near Leroy.

Lake County **2 WSW Crown Pt Arpt** **1 E Crown Pt**

06	2350CST				0	0	0.00K	0.00K	Flash Flood
07	0430CST								

Multiple roads were closed due to flash flooding in Cedar Lake and Crown Point. About three and a half feet of water covered portions of 133rd Avenue with up to three feet of water on Lakeshore Drive in Cedar Lake. Several inches of water were flowing down streets in Crown Point with manhole covers gushing water.

Porter County **1 NW Hebron**

07	0115CST				0	0	0.00K	0.00K	Flash Flood
	0430CST								

Several roads in Hebron were flooded and impassable. Both retention ponds in town were overflowing with water approaching buildings in Industrial Park. A trained spotter in Hebron measured 4.60 inches of rainfall in 3 hours and 45 minutes.

Newton County **Kentland Muni Arpt**

07	0120CST				0	0	0.00K	0.00K	Flash Flood
	0600CST								

Heavy rains caused roadways to become impassable causing closures at the intersection of county roads 1800 South and 700 West as well as the intersection of Route 41 and 1700 South.

A warm front slowly lifted northward across the region with thunderstorms moving into northwest Indiana during the evening of May 6th. Slow storm motions and additional thunderstorms developing overnight lead to areas of flooding.

Lake County **1 SSW Ross**

20	1818CST				0	0	250.00K	0.00K	Thunderstorm Wind (78EG)
	1820CST								

A microburst with estimated maximum wind speeds of 85 to 90 mph occurred in portions of unincorporated Gary. The damage path had a width of approximately a third of a mile and was confined to areas between 41st Avenue and 45th Avenue near Cleveland Street. Severe damage to a strip mall occurred with windows shattered and the cinder block walls completely collapsing on the south end of the building. A nearby tent was blown into power lines. Numerous trees in the area were snapped or uprooted, with some subsequently falling onto homes and cars causing damage.

Note: The estimated wind gust of 78 knots is equivalent to 90 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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INDIANA, Northwest

Newton County 1 W Kentland

20	1900CST 1902CST				0	0	0.00K	0.00K	Hail (0.88)
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Lake County Crown Pt

20	1917CST 1919CST				0	0	0.00K	0.00K	Hail (0.75)
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A line of severe thunderstorms developed ahead of a cold front during the late afternoon and evening of May 20th. These thunderstorms produced hail with several microbursts also occurring, producing damaging winds.

INDIANA, South Central

Dubois County Ireland

04	1432EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A trained spotter estimated 60 mph winds just to the west of Jasper.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Dubois County 1 SW Jasper

04	1435EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Dubois County Emergency Management reported that several trees were downed just to the southeast of Jasper.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Crawford County Eckerty

04	1500EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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From just west of Echarty, law enforcement relayed a report from a spotter of estimated 60 mph winds. Several large limbs were also downed in the same area.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Harrison County 2 W Hancock

04	1525EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Local law enforcement reported that some trees were downed near the intersection of Totten Ford and Fredricksburg Roads in western Harrison County.

An overnight Mesoscale Convective Complex over Missouri diminished during the morning hours. However, the southern portion of these decaying showers survived the mid-morning hours and began to strengthen as it entered increasingly unstable air over southern Indiana. This storm developed into a compact bow echo that brought small hail and sporadic damaging winds along a swath from Dubois County east southeast through Harrison County in southern Indiana. This storm threatened the running of the Kentucky Oaks horse race in Louisville Kentucky. However, the bow echo surged out and weakened dramatically just west of the Ohio River. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Washington County 5 W Little York

04	2023EST				0	0	0.00K	0.00K	Hail (1.25)
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Jefferson County 2 E Saluda

04	2230EST				0	0	0.00K	0.00K	Flash Flood
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Strong thunderstorms briefly trained across southern Jefferson County, Indiana. An estimated 2 to 3 inches of rain fell within a couple of hours. A rural road several hours south of Hanover was briefly closed by flood waters.

Scattered strong storms developed across southern Indiana the evening of May 4th. These storms, aided by ample elevated instability and a developing low level jet, grew upscale into a strong line of storms with would bring heavy rain, excessive lightning and strong gusty winds to all of southern Indiana through the early morning hours on the 5th. A narrow swath of 2 to locally as much as 4 inches of rain fell from near Mitchell in northern Washington County eastward through southern Jefferson County.

Dubois County Crystal

29	0330EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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The Dubois County emergency manager reported several downed trees near Crystal.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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INDIANA, South Central

Clark County Clarksville

29	0728EST 0740EST				0	0	0.00K	0.00K	Flash Flood
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Law enforcement in Jeffersonville reported cars were stalled within several flooded intersections.

Floyd County 1 W Blackiston Mill

29	0859EST				0	0	0.00K	0.00K	Flash Flood
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Just north of New Albany, Grant Line Road was flooded near the VFW administrative building.

A weak low level jet and the approach of a surface trough led to the development of numerous thunderstorms during the early morning hours on May 29th. A few storms produced isolated instances of large hail and damaging winds. One slow moving cluster of storms produced excessive rainfall across Floyd and southern Clark Counties, located just across the river from Louisville. Despite antecedent dry conditions, an estimated 3 inches of rain falling within 3 hours produced scattered street flooding.

INDIANA, Southeast

Ripley County Sunman

01	1543EST 1547EST				0	0			Hail (1.00)
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Dearborn County 5 NW Lawrenceburg

01	1559EST 1603EST				0	0			Hail (1.00)
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Dearborn County Guilford

01	1603EST 1607EST				0	0			Hail (1.00)
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Dearborn County Bright

01	1610EST 1614EST				0	0			Hail (1.00)
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Franklin County 1 NE Mt Carmel

01	1628EST 1630EST	1.27	100	0	0	250.00K		Tornado (EF1)
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The tornado touched down and produced significant damage to 3 farmsteads. There was damage to several large buildings which consisted primarily of aluminum and wood. Several small sheds which were not anchored down were either blown completely off their foundation or moved from the foundation. Some of the larger buildings had collapsed walls, doors blown in, broken windows, and large sections of their roofs torn off. Several silos were severely damaged. A narrow path of wood and metal debris extended across the farm fields between the farmsteads. Several trees 3 to 6 inches in diameter were snapped and twisted. Based on the damage surveyed, the maximum wind speed of this tornado was estimated at 95 miles per hour.

Dearborn County Lawrenceburg

01	1650EST 1651EST				0	0			Thunderstorm Wind (61EG)
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The wind gust was estimated and relayed to the office by broadcast media.

A warm front lifting across the Ohio Valley during the morning brought into the area a very unstable airmass. Numerous thunderstorms developed during the afternoon and evening. The environment was favorable for large hail and damaging winds. However, a few boundaries helped to produce localized favorable conditions for tornadoes. In addition, some storms occurred repeatedly over the same areas, causing an increased risk for flash flooding and flooding to occur. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
INDIANA, Southwest									
Gibson County									
Owensville	04	1300CST			0	0	0.00K	0.00K	Hail (1.00)
Gibson County									
5 S Princeton	04	1305CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
A wind gust was estimated up to 60 mph by a trained spotter.									
A short line of thunderstorms intensified while interacting with a moderately unstable air mass. The line of storms evolved into a bow echo, producing isolated wind damage and large hail as it progressed across the Wabash Valley into southwest Indiana. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Posey County									
Wadesville	04	2030CST			0	0	0.00K	0.00K	Hail (1.00)
Vanderburgh County									
Evansville	04	2042CST			0	0	0.00K	0.00K	Hail (0.75)
Dime-size hail occurred on the west side of Evansville.									
Vanderburgh County									
Kasson	04	2045CST			0	0	0.00K	0.00K	Hail (1.00)
Vanderburgh County									
Evansville	04	2047CST			0	0	0.00K	0.00K	Hail (1.00)
Quarter-size hail occurred on the west side of Evansville.									
Vanderburgh County									
Evansville	04	2101CST			0	0	0.00K	0.00K	Hail (1.25)
Half-dollar size hail fell just north of downtown Evansville.									
Thunderstorm activity developed on the leading edge of a strengthening southwesterly low level jet extending into the Mid-Mississippi and Lower Ohio Valleys. This activity was in the vicinity of a southeast to northwest oriented frontal boundary which extended from far southwest Indiana to west central Illinois. Lingering moderate instability and steep mid-level lapse rates, combined with a 40 to 50 knot northwesterly mid-level jet, supported organized storms with large hail.									
Spencer County									
6 NE Rockport	05	0101CST			0	0	0.00K	0.00K	Hail (1.50)
Elevated thunderstorms increased in coverage and intensity in association with warm air arriving on the leading edge of a 35-knot southwesterly low level jet. The southwesterly winds brought very unstable air, supporting isolated large hail in the strongest storms. Late at night, the storms spread east-southeast and grew into a cluster.									
INZ081-085>088									
Gibson - Pike - Posey - Spencer - Vanderburgh - Warrick									
	25	0000CST							
	31	2359CST			0	0	0.00K	0.00K	Drought
One of the warmest and driest Mays on record worsened the rare spring drought over southwest Indiana. At Evansville, spring of 2012 was the eighth driest spring on record. Only 6.24 inches of rain fell from March through May. Only 2.29 inches fell at Evansville in May, which is 3.07 inches below normal. By the end of May, moderate drought conditions existed across southwest Indiana. Soils continued to dry out, and topsoil moisture deficits began to be reported. Streamflows were running below normal by the end of the month.									
Vanderburgh County									
Evansville	31	1402CST 1430CST			0	0	0.00K	0.00K	Heavy Rain
Minor street flooding occurred in downtown Evansville.									
Spencer County									
Rockport	31	1452CST			0	0	0.00K	0.00K	Thunderstorm Wind (54MG)
Lots of loose objects were blown around.									
Note: The measured wind gust of 54 knots is equivalent to 62 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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INDIANA, Southwest

Spencer County Rockport

31	1454CST				0	0	0.00K	0.00K	Hail (1.00)
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Storms developed and intensified along the leading edge of a pre-frontal boundary. The pre-frontal boundary was associated with the southern extent of an upper level disturbance moving across southern Illinois. With temperatures warming into the lower to mid 80's and dew points increasing to around 60...the air mass became marginally unstable with capes to 1000 j/kg. Despite marginal instability for late May, stronger winds aloft ahead of an approaching upper level disturbance promoted development of isolated strong to severe storms.

IOWA, Central

Palo Alto County 5 SW Graettinger

01	2120CST				0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
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Horizontal rain and numerous six inch tree branches down.
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Kossuth County 2 N Whittemore

01	2155CST				0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
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Trained spotter driving on Highway 15 between Whittemore and Fenton estimated 60 MPH winds and had trouble controlling his car. Several cars were reported in the ditch with quarter size hail beginning at 2158 CST.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Kossuth County 2 NNE Whittemore

01	2158CST				0	0	3.00K	0.00K	Hail (1.00)
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Sac County Sac City

01	2234CST				0	0	0.00K	0.00K	Hail (0.75)
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Webster County 3 N (FOD)Ft Dodge Muni A

01	2234CST				0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
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Trained spotter reported quarter size hail blowing horizontally against the window.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Crawford County 3 N Deloit

01	2325CST				0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
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Several branches down, a few four inches in diameter.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Boone County 1 WSW Fraser

02	0035CST 0040CST				0	0	20.00K	0.00K	Thunderstorm Wind (52EG)
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Several large tree limbs down with damage to fences. Damage began about a mile south of Fraser and continued sporadically for about 2 miles.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Guthrie County 2 SW Fanslers

02	0035CST				0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
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Several six inch tree limbs down.
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Boone County 1 SE Boone 4 E Jordan

02	0040CST 0050CST				0	0	100.00K	0.00K	Thunderstorm Wind (61EG)
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The emergency manager reported that four 1 1/2 foot diameter evergreen trees were downed and the roof was torn off of a barn in the northwest corner of Boone. Also from a mile north of Boone to the eastern border of the county sheeting was strewn about from various buildings.
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Central									
Story County 2 NW Ames	02	0050CST			0	0	250.00K	0.00K	Thunderstorm Wind (74EG)
Garage doors were blown in with gutters torn off of an apartment complex in north Ames.									
Note: The estimated wind gust of 74 knots is equivalent to 85 mph.									
Story County 2 N Ames	02	0050CST			0	0	50.00K	0.00K	Thunderstorm Wind (74EG)
Damage report within two blocks of Bloomington Rd. and Grand Ave. Shingles off of house roofs, privacy fences down, apartment buildings lost partial balcony, traffic light pole bent over, and trees of one to two foot diameter snapped at bases.									
Note: The estimated wind gust of 74 knots is equivalent to 85 mph.									
Story County 1 WNW Ames	02	0050CST			0	0	25.00K	0.00K	Thunderstorm Wind (57EG)
Large trees were uprooted along 13th street in Ames.									
Note: The estimated wind gust of 57 knots is equivalent to 66 mph.									
Story County 2 NNW Ames	02	0051CST			0	0	25.00K	0.00K	Thunderstorm Wind (57EG)
A tree landed on a house and a car in the area of Nixon Circle in Ames. The tree damaged the gas line to the house.									
Note: The estimated wind gust of 57 knots is equivalent to 66 mph.									
Story County 1 N Ames	02	0052CST			0	0	25.00K	0.00K	Thunderstorm Wind (53MG)
Wind speed measured at an Ames mesonet site.									
Note: The measured wind gust of 53 knots is equivalent to 61 mph.									
Story County 1 E Ames Arpt	02	0052CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
A pine tree was uprooted and multiple tree limbs were downed.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Story County 1 SW Ames	02	0053CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Power lines were reported down in Ames.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Story County 1 SW Ames	02	0055CST			0	0	50.00K	0.00K	Thunderstorm Wind (63MG)
Wind damage reported to trees. Observer measured wind speed.									
Note: The measured wind gust of 63 knots is equivalent to 72 mph.									
Story County Roland	02	0059CST			0	0	10.00K	0.00K	Thunderstorm Wind (57EG)
The top of a tree that was two feet in diameter was snapped off in the town of Roland.									
Note: The estimated wind gust of 57 knots is equivalent to 66 mph.									
Marshall County State Center	02	0119CST			0	0	15.00K	0.00K	Thunderstorm Wind (61EG)
Several ten inch limbs down.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Central									
Grundy County									
Reinbeck	02	0140CST			0	0	5.00K	0.00K	Thunderstorm Wind (57EG)
Large limb toppled a power line which fell across IA 175 in Reinbeck. Several other large limbs down across the west side of town.									
Note: The estimated wind gust of 57 knots is equivalent to 66 mph.									
Jasper County									
1 W Prairie City	02	0158CST			0	0	0.00K	0.00K	Hail (0.88)
A strong push of moist air occurred during the day on the 1st with surface dewpoint readings climbing to the mid 50s to mid 60s across the state. The low level jet increased in strength during the evening with wind speeds around 45 kts by mid evening, helping to push precipitable water values to around 1.25 inches. The atmosphere became unstable with CAPE values in the 2000 to 3000 J/kg range. Downdraft CAPE was in the 900 J/kg range with a relatively low LCL of 750 meters. Wind shear, though not strong, was sufficient with 35 to 45 kts of available shear. The CAPE in the -10 to -30 C layer of the atmosphere was between 200 and 300 J/kg. The freezing level was around 13,000 feet. A line of thunderstorms formed ahead of the approaching cold front from South Dakota and moved southeast into Iowa during the mid to late evening hours. They produced gusty winds and hail as they passed. The stronger storms produced winds of 60 MPH over northwest into parts of north central and central Iowa, along with hail up to quarter size. Significant damage occurred in the Ames area as high winds of 70 to 75 MPH moved through Story County. Large trees were downed in the city. The garage doors and gutters were damaged on an apartment complex. A house was significantly damaged as a large tree was blown down onto it. The strongest winds were estimated to be around 85 MPH due to a microburst. Around the county, there were numerous reports of tree and outbuilding damage as well.									
Calhoun County									
1 SW Yetter	03	0238CST			0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
Large healthy Maple trees were blown down in the yard. They were roughly 3 feet in diameter.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Calhoun County									
4 SE Jolley	03	0252CST			0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
Measured at the Iowa Department of Transportation Road Weather Information Site.									
Note: The measured wind gust of 50 knots is equivalent to 58 mph.									
Calhoun County									
3 SSE Somers	03	0259CST			0	0	0.00K	0.00K	Thunderstorm Wind (52MG)
Measured at the Farnhamville Schoolnet site.									
Note: The measured wind gust of 52 knots is equivalent to 60 mph.									
Humboldt County									
1 N Dakota City	03	0335CST			0	0	50.00K	0.00K	Thunderstorm Wind (50EG)
A tourist building was damaged in town from the gusty winds.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Humboldt County									
1 N Dakota City	03	0335CST			0	0	50.00K	0.00K	Thunderstorm Wind (57EG)
Several trees and large limbs down across Humboldt. One tree fell onto a house.									
Note: The estimated wind gust of 57 knots is equivalent to 66 mph.									
Wright County									
2 NW Clarion Arpt	03	0345CST			0	0	0.00K	0.00K	Thunderstorm Wind (53MG)
Measured at the Clarion Airport.									
Note: The measured wind gust of 53 knots is equivalent to 61 mph.									
Cerro Gordo County									
3 N Swaledale	03	0430CST			0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
Measured at the Iowa Department of Transportation Road Weather Information Site southwest of Mason City on Interstate 35.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, Central

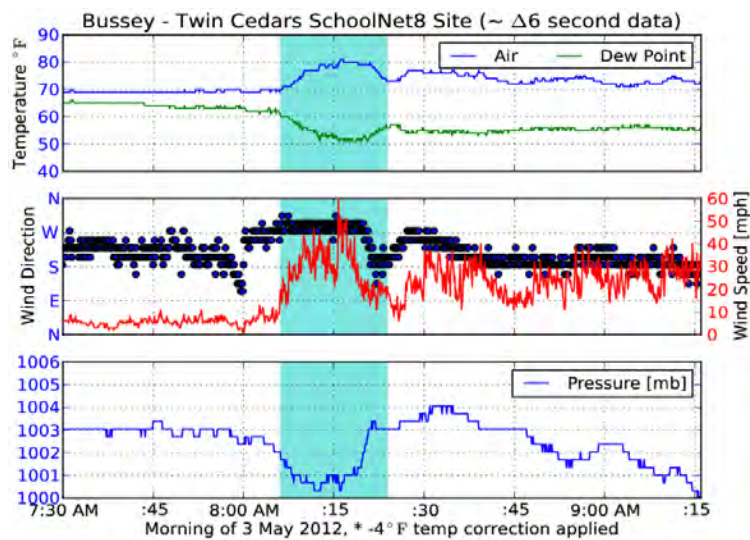
A strong MCS developed over eastern Nebraska during the evening of the 2nd and moved east into Iowa. The prominent bow echo pushed into Iowa during the predawn hours and produced strong winds over west central Iowa into north central Iowa. Wind speeds were reported in the 60 to 70 MPH range. As the storms progressed east, they weakened rapidly. Note: The measured wind gust of 50 knots is equivalent to 58 mph.

IAZ074-075

Mahaska - Marion

03	0645CST				0	0	6.0K	0.00K	High Wind
	0745CST								

The area of thunderstorms that moved into Iowa during the night decayed rapidly around sunrise. This produced high winds in a small area of central Iowa. A heat burst was reported by a trained observer in Marion County with 60 MPH winds. Winds of 76 MPH were measured in Mahaska County at Pella, along with a heat burst.



Graphic showing temperature and dewpoint (top) wind direction and speed (middle) and pressure (bottom) for the heat burst event of 03 May 2012 in the Bussey-Twin Cedars area of southeast Marion County. Data is from the KCCI-TV Schoolnet site. Graphics courtesy of Daryl Herzmann with the Iowa Environmental Mesonet, Iowa State University Department of Agronomy.

Kossuth County 4 E Bancroft

03	1300CST				0	0	0.00K	0.00K	Heavy Rain
	1605CST								

Storm total of 3.20 inches since rain began around 1300 CST.

Kossuth County 1 N Bancroft

03	1330CST				0	0	3.00K	0.00K	Hail (1.00)
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Kossuth County 1 N Bancroft

03	1350CST				0	0	2.00K	0.00K	Hail (1.00)
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Kossuth County 4 E Bancroft

03	1402CST				0	0	2.00K	0.00K	Hail (1.00)
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Kossuth County 6 W Swea City

03	1513CST				0	0	5.00K	0.00K	Hail (1.75)
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Torrential rainfall also reported.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Central									
Winnebago County 1 S Forest City	03	1513CST 1520CST			0	0	0.00K	0.00K	Hail (0.88)
									Mainly pea size hail with bigger hail up to nickel size mixed in. Lasted about 7 minutes and started to cover the ground.
Kossuth County 4 WNW Swea City	03	1514CST			0	0	10.00K	0.00K	Hail (1.75)
Winnebago County 2 ESE Forest City	03	1523CST			0	0	3.00K	0.00K	Hail (1.00)
Winnebago County 1 NE Forest City	03	1524CST			0	0	3.00K	0.00K	Hail (1.00)
Cerro Gordo County 5 N (MCW)Mason City Muni	03	1556CST			0	0	0.00K	0.00K	Hail (0.88)
Cerro Gordo County 4 NNE (MCW)Mason City Mun	03	1601CST			0	0	3.00K	0.00K	Hail (1.00)
Cerro Gordo County 2 NW Freeman	03	1612CST			0	0	5.00K	0.00K	Hail (1.00)
									Quarter size hail reported near the intersection of 330th and Olive St.
Cerro Gordo County 2 SE Freeman	03	1615CST			0	0	3.00K	0.00K	Hail (1.00)
Humboldt County 3 NNE Rutland	03	1723CST			0	0	3.00K	0.00K	Hail (1.00)
Humboldt County 2 NW Arnold	03	1723CST 1735CST			0	0	10.00K	0.00K	Hail (1.25)
									Hail fell for 12 minutes and covered the ground.
Humboldt County 2 NW Arnold	03	1732CST			0	0	3.00K	0.00K	Hail (1.00)
Humboldt County 3 SE Arnold	03	1825CST 1830CST			0	0	5.00K	0.00K	Hail (1.00)
									Quarter size hail lasted about 5 minutes.
Humboldt County 4 NNW Thor	03	1857CST			0	0	5.00K	0.00K	Hail (1.25)
Adams County 1 ESE Prescott	04	0134CST			0	0	3.00K	0.00K	Hail (1.00)
Adams County 1 ESE Prescott	04	0200CST			0	0	0.00K	0.00K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Central									
Adams County 3 NNW Mercer	04	0203CST			0	0	5.00K	0.00K	Hail (1.25)
Adams County 2 SSW Stringtown	04	0230CST			0	0	3.00K	0.00K	Hail (1.00)
Taylor County 1 W Lenox	04	0238CST			0	0	3.00K	0.00K	Hail (1.00)
<p>A weak frontal boundary was draped across northwest Iowa. This boundary was nearly stationary and had moved little over the past few days. The airmass had become quite unstable with surface dew points in the mid to upper 60s over the region. CAPE rose to 3000 to 5000 J/kg across the state. Downdraft CAPE was quite high, in the 900 to 1300 J/kg range, while CAPE in the -10 to -30 C layer of the atmosphere was between 500 and 1000 J/kg. Deep moisture had moved into the central U.S. with precipitable water values above the 99th percentile ranging from 1.2 to 1.7 inches across the state from north to south. The LCL level was quite low over southern Iowa, around 750 meters, and sloped to 1500 meters over the north. The shear was quite weak with only 20 to 30 kts available by later afternoon. The freezing level was high for early May and was between 13,000 and 14,000 feet. Thunderstorms developed over northern Iowa with several severe cells developing in the northern two tiers of Iowa counties. The storms produced numerous reports of hail to around an inch in diameter. Golf ball size hail fell in Kossuth County from one of the stronger storms. The storm in Kossuth County also produced 3.2 inches of rain in about 2 hours. The thunderstorms weakened across northern Iowa late in the day as new convection fired up over southern Iowa and northern Missouri. Most of the severe action remained south of Iowa, though nickel to quarter size hail fell in Adams County, and hail up to one and one quarter inch fell later into the night in Taylor County.</p>									
Emmet County 1 SE Dolliver	04	1512CST			0	0	5.00K	0.00K	Thunderstorm Wind (56EG)
<p>The Emergency Manager estimated wind gusts of 65 MPH. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.</p>									
Emmet County 2 SE Estherville	04	1545CST			0	0	5.00K	0.00K	Thunderstorm Wind (56EG)
<p>Wind gusts of 65 MPH were reported by law enforcement. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.</p>									
Emmet County 1 SE Armstrong	04	1602CST			0	0	0.00K	0.00K	Hail (0.88)
Kossuth County 3 N Lone Rock	04	1615CST			0	0	3.00K	0.00K	Hail (1.00)
<p>Nickel to quarter size hail reported.</p>									
Kossuth County 2 SE St Benedict	04	1645CST			0	0	5.00K	0.00K	Hail (1.00)
<p>Nickel to quarter size hail with ground covered.</p>									
Kossuth County 3 N Hanna	04	1650CST			0	0	2.00K	0.00K	Hail (1.00)
Winneshago County 4 WSW Vinje	04	1652CST 1654CST	0.81	90	0	0	0.00K	0.00K	Tornado (EF1)
<p>Brief touchdown just south of the Minnesota border. Damaged a farm building and some trees.</p>									
Worth County 4 NNW Bristol	04	1711CST			0	0	10.00K	0.00K	Thunderstorm Wind (56MG)
<p>Note: The measured wind gust of 56 knots is equivalent to 64 mph.</p>									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, Central

Worth County 2 W Manly

04	1720CST				0	0	0.00K	0.00K	Funnel Cloud
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Funnel cloud with two to three gustnadoes reported. Brief appearance with rotating wall cloud.

Pocahontas County 1 N Pocahontas

04	2155CST				0	0	25.00K	0.00K	Hail (1.75)
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Golf ball size hail was reported on the north side of town with half dollar size hail reported at the Casey's location.

A nearly stationary frontal boundary remained draped across northwest Iowa. The airmass became very unstable with dewpoints surging into the 65 to 70 degree range. The wind flow at 850 mb was weak, only around 15 kts or so, but winds backed and were very convergent. Moisture pooled over northwest Iowa with precipitable water values increasing to around 1.4 inches by mid afternoon. The lifted index fell to between -5 and -10 C with CAPE rising to the 2000-3000 J/kg range. Downdraft CAPE was quite high, in the 800 to 1200 J/kg range. Ample CAPE was available in the -10 to -30 C layer of the atmosphere, between 400 and 800 J/kg. Unlike the previous day, significant shear was available for any storm development with 40 to 50 kts of effective shear. The freezing level was quite high for early May and was between 13,000 and 14,000 feet. Though high enough to limit hail, other parameters were sufficiently strong to overcome this. The LCL was fairly low with near storm environmental values around 750 meters. A line of strong to severe thunderstorms formed near the frontal boundary during the mid and late afternoon hours. The line moved and propagated east-southeast. High winds were common with the storms with wind speeds of up to 65 MPH or more. The storms also produced some quarter size hail. A tornado occurred in Winnebago County just south of the Minnesota line. It was about a mile long and was in open country. A short time later, a funnel cloud was observed in Worth County. After the main storms moved east, further thunderstorms developed behind the line. One became severe and produced golf ball size hail in Pocahontas County at Pocahontas.

Winnebago County 4 NE Thompson

05	1339CST				0	0	3.00K	0.00K	Hail (1.00)
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Cerro Gordo County 3 S Plymouth

05	1444CST				0	0	3.00K	0.00K	Hail (1.00)
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A strong MCS rolled out of South Dakota during the afternoon of the 5th. The air was rich with dewpoints to the south of the advancing complex in the mid 60s to around 70. CAPE rose to 1000 to 2000 J/kg with a very sheared environment as lifted indices fell to -3 to -6 C. Available shear was in the 40 to 55 kt range. The LCL was fairly low, under 1000 meters, however the storms themselves were elevated and not rooted in the boundary layer. Downdraft CAPE was between 600 and 1000 J/kg, with CAPE in the -10 to -30 C layer of the atmosphere 400-600 J/kg. The freezing level was high for early May and was around 13,500 feet. The storms produced heavy rain with precipitable water values around 1.4 inches. Though gusty winds of 40 to 50 MPH were reported with the storms, the predominant mode of severe weather was in the form of Hail. Quarter size hail fell in Winnebago County northeast of Thompson for example. Quarter size hail also fell near Mason City in Cerro Gordo County. Numerous reports of one quarter to one half inch diameter hail were received.

Audubon County 1 N Sharon

06	0510CST				0	0	0.00K	0.00K	Hail (0.88)
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Audubon County 1 N Sharon

06	0513CST				0	0	2.00K	0.00K	Hail (1.00)
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Audubon County Audubon

06	0520CST				0	0	5.00K	0.00K	Hail (1.00)
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Cass County 3 SSW Atlantic Arpt

06	0527CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A squad car was being rocked by winds. Dime size hail was also reported.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Cass County 1 E Atlantic

06	0530CST				0	0	25.00K	0.00K	Thunderstorm Wind (57EG)
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Some shingles were blown off roofs. About twelve to 14 one foot diameter trees were snapped.

Note: The estimated wind gust of 57 knots is equivalent to 66 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Central									
Cass County 1 E Atlantic	06	0531CST			0	0	3.00K	0.00K	Thunderstorm Wind (60MG)
A few shingles were blown off of a house. Some tree branches were blown down.									
Note: The measured wind gust of 60 knots is equivalent to 69 mph.									
Adair County 1 S Fontanelle	06	0605CST			0	0	5.00K	0.00K	Thunderstorm Wind (56MG)
Wind gust was measured by a KCCI Schoolnet site at the Nodaway Valley School.									
Note: The measured wind gust of 56 knots is equivalent to 64 mph.									
Adair County 2 S Arbor Hill	06	0623CST			0	0	3.00K	0.00K	Thunderstorm Wind (67MG)
Also measured a 73 MPH wind gust at 0626 CST.									
Note: The measured wind gust of 67 knots is equivalent to 77 mph.									
Dallas County 1 S Linden	06	0640CST			0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
Five to six 8 inch diameter tree limbs down across town.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Dallas County 1 E Panther	06	0655CST			0	0	3.00K	0.00K	Thunderstorm Wind (58EG)
One half of a tree was snapped off. Section of the tree was one foot in diameter. Winds were estimated at 55 to 60 MPH.									
Note: The estimated wind gust of 58 knots is equivalent to 67 mph.									
Audubon County 2 WSW Ross 1 S Audubon Arprt	06	0700CST 0900CST			0	0	10.00K	0.00K	Flash Flood
Water covering the County Highway N14 bridge that crosses Indian Creek. About one half mile of the road was under water. The worst area of flooding was 5 miles either side of a line from Kimballton to Audubon. A log was left on a bridge over the creek after the water had receded. Multiple locations required gravel grading and debris removal off of county roads.									
Audubon County Audubon	06	0700CST			0	0	0.00K	0.00K	Heavy Rain
Total rainfall of 2.67 inches in the past 24 hours.									
Audubon County 1 N Sharon	06	0700CST			0	0	0.00K	0.00K	Heavy Rain
Rainfall of 4.5 inches recorded.									
Dallas County 4 NE Dallas Center	06	0710CST 0715CST			0	0	5.00K	0.00K	Thunderstorm Wind (62MG)
Note: The measured wind gust of 62 knots is equivalent to 71 mph.									
Warren County Norwalk	06	0719CST			0	0	5.00K	0.00K	Thunderstorm Wind (61EG)
Wind gusts of up to 70 MPH blew shingles off of a roof.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Polk County 2 SSW Altoona	06	0735CST			0	0	0.00K	0.00K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Central									
Story County 1 SW Nevada	06	0800CST			0	0	3.00K	0.00K	Thunderstorm Wind (61EG)
Two power line poles snapped off at the base. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Marion County 2 SW Lake Red Rock	06	0815CST			0	0	0.00K	0.00K	Hail (0.88)
Marion County 1 S Ffield	06	0818CST			0	0	0.00K	0.00K	Hail (0.88)
A cold front stretched from western Minnesota, across southeast South Dakota, into Nebraska during the evening of the 5th. The front moved slowly southeast into Iowa during the overnight hours. The airmass was very unstable in advance of the front with lifted indices of -3 to -6 and elevated CAPE of 2000 to 3000 J/kg. A strong low level jet of 50 kts developed by the late evening hours with a broad area of deep moisture convergence producing precipitable water values of around 1.5 inches. Downdraft CAPE was high, in the 600 to 1300 J/kg range. Although the freezing level was around 14,500 feet, plenty of CAPE was available in the -10 to -30 C layer of the atmosphere with 500 to 700 J/kg present. A strong line of thunderstorms formed along the cold frontal boundary. The atmosphere was highly sheared as the storms progressed out of Nebraska and South Dakota with 45 to 55 kts of effective shear. The LCL level just in advance of the line was between 750 and 1000 meters. A line of thunderstorms moved across the state during the night. There were two main clusters of storms. A MCC moved across southern Minnesota, while a MCS pushed into Iowa during the late night hours. One portion of the Iowa segment of the line became severe as the line interacted with a southward progressing outflow boundary from the Minnesota MCC. Winds gusted to 69 MPH in Atlantic with the passage of the storms. High winds progressed east-northeast with 65 MPH winds in Adair County west of Greenfield, and 70 MPH winds in Warren County south of the Des Moines International Airport. The strongest measured wind gusts were in the central Iowa area. A wind gust of 77 MPH was recorded east of Greenfield in Adair County. In Dallas County, a wind gust of 71 MPH recorded east of Dallas Center. There were several reports of one quarter to one half inch diameter hail, however the largest hail was about nickel size. The storms produced very heavy rainfall with amounts of one half to one and one half inches being reported in less than an hour. Local street flooding occurred, but no major flooding was reported. The heaviest rainfall occurred in Audubon County. Rainfall of 2.5 to 4.5 inches occurred with flash flooding reported west of Audubon. The bridge on County Road N14 was under water. About one half mile of the highway was under water. Most of the damage was to roads that required regrading. Logs were left on a bridge from the overflow of Indian Creek.									
Crawford County 5 SW Kenwood	19	1936CST			0	0	30.00K	0.00K	Thunderstorm Wind (61EG)
Several trees and an old barn was blown over at the intersection of 140th St. and Q Avenue. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Crawford County 7 WSW Dow City	19	1938CST			0	0	5.00K	0.00K	Thunderstorm Wind (56EG)
A spotter estimated wind gusts of near 65 MPH with some tree damage. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Crawford County 6 SW Dow City	19	1940CST			0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
Wind gusts of around 70 MPH caused tree and power line damage. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Crawford County 1 S Schleswig	19	1950CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Power was reported out in town. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Crawford County Ricketts	19	1950CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Power was out with branches down in town. A trampoline was wrapped around a tree. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Central									
Crawford County									
Denison	19	1951CST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
									Wind gusts were estimated around 60 MPH. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Sac County									
1 SE Odebolt	19	2010CST			0	0	20.00K	0.00K	Thunderstorm Wind (52EG)
									Several large trees were blown down in a cemetery by estimated winds of 60 MPH. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Carroll County									
Breda	19	2014CST 2019CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
									Spotter estimated wind gusts near 60 MPH for about 5 minutes. A cold front moved into Iowa during the evening of the 19th. The severe weather potential was fairly weak given the parameters. CAPE was only around 1000 to 1500 J/kg and precipitable water values were around an inch. The airmass was relatively dry with plenty of dry air in the low levels. Downdraft CAPE was around 1000 J/kg in western Iowa. A line of thunderstorms formed along the cold front during the afternoon and moved into western Iowa during the evening. The storms moved into the far western part of the Des Moines CWA and produced winds of 60 to 70 MPH. Reports of tree and power line damage occurred with some outbuilding damage in Crawford, Carroll, and Sac Counties. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Crawford County									
3 N Ricketts	23	1810CST			0	0	10.00K	0.00K	Thunderstorm Wind (55EG)
									A number of trees in a nearby grove were either downed or lost large limbs. A gustnado was also observed. Winds were estimated between 60 and 65 MPH. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.
Crawford County									
4 NNE Ricketts	23	1812CST			0	0	0.00K	0.00K	Hail (0.88)
Sac County									
1 SE Odebolt	23	1840CST			0	0	3.00K	5.00K	Hail (1.00)
									Strong winds also reported.
Sac County									
1 E Odebolt	23	1916CST			0	0	250.00K	0.00K	Thunderstorm Wind (69EG)
1 S Lake View		1930CST			0	0			Damage swath observed from east of Odebolt through the Early area, to the east side of Lake View. Numerous power poles down, roof blown off outbuildings, turkey, and hog confinements buildings, and boats were thrown at a dealership. Note: The estimated wind gust of 69 knots is equivalent to 79 mph.
Sac County									
4 NW Wall Lake	23	1930CST			0	0	2.00K	5.00K	Hail (1.00)
Sac County									
1 N Lake View	23	1932CST			0	0	200.00K	0.00K	Thunderstorm Wind (78EG)
									Thirteen large power poles were snapped along a mile long stretch of Perkins Ave. One third of the roof of a hog confinement building was ripped off one half mile up the road. Another half mile up the road, one third of a machine shed was destroyed. Little damage was noted east or west of this area. Wind speeds were estimated around 90 MPH. Note: The estimated wind gust of 78 knots is equivalent to 90 mph.
Sac County									
3 ESE Lake View	23	1940CST			0	0	5.00K	0.00K	Thunderstorm Wind (54MG)
									Measured by weather station. One half mile to my north, a boat dealership reported damage.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, Central

A cold front moved slowly into Iowa from the northwest as an upper level shortwave lifted northeast across the area. The atmosphere was marginally unstable with afternoon highs reaching the mid to upper 80s and dewpoint readings in the upper 50s to low 60s. The lifted index was just 0 to -3 C by early evening. CAPE was limited to around 1000 J/kg. With relatively dry air in place, downdraft CAPE was around 1200 J/kg. CAPE in the -10 to -30 C layer of the atmosphere was between 200 and 400 J/kg, but the freezing level was around 15,000 feet. There was sufficient shear available with 50 to 55 kts present. A narrow area of higher precipitable water values moved into the state by evening, with 1.25 to 1.5 inches available. A line of thunderstorms moved into west central and northwest Iowa during the early evening. One of the storms produced severe weather with quarter size hail in Sac County. High winds also occurred with damage from east of Odebolt to Early to Lake View. Numerous power poles were blown down, roofs were taken from outbuildings including turkey and hog confinements. Boats were thrown at a dealership. In the Lake View area, a tree fell and killed a dog. There were no other injuries. Prior to the storms moving into Sac County, wind damage was reported in Crawford County in the Ricketts area. Several trees were blown down. Note: The measured wind gust of 54 knots is equivalent to 62 mph.

Butler County 3 S Dumont	24	1450CST			0	0	1.00K	0.00K	Hail (1.00)
Franklin County 3 S Faulkner	24	1455CST			0	0	0.00K	0.00K	Hail (1.00)
Butler County 3 SW New Albion	24	1505CST			0	0	0.00K	0.00K	Hail (0.75)
Butler County 1 NW Parkersburg	24	1510CST			0	0	0.00K	0.00K	Hail (1.00)
Decatur County 1 W Lamoni	24	1530CST			0	0	0.00K	0.00K	Hail (0.75)
Bremer County Sumner	24	1544CST			0	0	15.00K	0.00K	Thunderstorm Wind (57EG)
Numerous large trees downed by high winds. Note: The estimated wind gust of 57 knots is equivalent to 66 mph.									
Decatur County 5 ENE Davis City	24	1550CST			0	0	1.00K	0.00K	Hail (1.00)
Also 1.10 inches of rain in 20 minutes.									
Black Hawk County 1 ESE Orange 1 NW Washburn	24	1620CST			0	0	15.00K	0.00K	Thunderstorm Wind (57EG)
Three foot diameter tree at Orange Elementary School was uprooted. Numerous large tree branches were downed near the school along Washington Street. Note: The estimated wind gust of 57 knots is equivalent to 66 mph.									
Black Hawk County 2 SW Evansdale	24	1625CST			0	0	2.00K	0.00K	Thunderstorm Wind (61MG)
Note: The measured wind gust of 61 knots is equivalent to 70 mph.									
Black Hawk County 1 E Dunkerton	24	1633CST			0	0	1.00K	0.00K	Hail (1.00)
Strong winds also damaged a new swing set.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, Central

The cold front that progressed into the state during the evening of the 23rd made little progress overnight. It moved slowly southeast during the day on the 24th and finally passed southeast of the CWA after a surface wave lifted northeast along the front. The airmass was capped initially with the cap finally breaking during the mid afternoon hours. A narrow line of thunderstorms formed by mid afternoon and advanced across the state. There was plenty of moisture available with dewpoint readings in the low to mid 60s in a ribbon ahead of the front. Precipitable water values increased to 1.3 to 1.5 inches. Shear was strong with 60 to 75 kts of shear available. The mean flow in the 850-300 mb layer was over 60 kts. Downdraft CAPE remained quite high with 800 to 1300 J/kg available ahead of the line. CAPE in the -10 to -30 C layer of the atmosphere was between 300 and 500 J/kg, though the freezing level remained in the 14,000 to 15,000 foot range, limiting hail production. The LCL was also relatively high in the 750 to 1250 meter range ahead of the line. Lifted indices fell to -3 to -5 C by late afternoon. The thunderstorms produced brief heavy rainfall and gusty winds in most locations with storm forward motion speeds in the 50-60 MPH range. Winds gusted up to 70 MPH with a few of the stronger storms causing damage to trees and power lines. A storm in Decatur County dropped 1.10 inches of rain in about 20 minutes. There were spotty reports of three quarter to one inch diameter hail as well.

Ringgold County 5 SSE Delphos

25	1424CST				0	0	1.00K	5.00K	Hail (1.00)
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Mostly dime size hail with some quarter size.

Wayne County 5 NE Lineville

25	1524CST				0	0	3.00K	0.00K	Hail (1.00)
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Hail up to quarter size fell along Douglas St.

Polk County 1 W Des Moines

25	1655CST				0	0	0.00K	0.00K	Hail (0.88)
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Pea to nickel hail at MLK and University.

Polk County 2 W Des Moines

25	1701CST				0	0	0.00K	0.00K	Hail (0.88)
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At 24th and University.

Sac County 3 W Schaller

26	0220CST				0	0	3.00K	0.00K	Hail (1.00)
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Quarter size hail fell along Armstrong Avenue.

The cold front that passed through the state on the 24th stalled to the south of Iowa during the overnight hours. It then lifted north as a warm front during the afternoon and evening of the 25th, though it remained to the south of Iowa. Thunderstorms developed during the afternoon. They were elevated in nature. Precipitable water values were around 1.25 inches. The freezing level remained quite high, in the 14,500 to 15,000 foot range. CAPE was limited with only 500 to 1000 J/kg of elevated CAPE available, however significant shear was present with 60 to 70 kts of effective shear. Downdraft CAPE was around 500 J/kg. There was around 300 J/kg of available CAPE in the -10 to -30 C layer of the atmosphere. Thunderstorms formed over southern Iowa, well north of the warm front. They produced hail and some gusty winds. One inch diameter hail fell in Ringgold County southeast of Delphos. Quarter size hail also fell in Wayne County in Clio. Additional thunderstorms developed in central Iowa, dropping pea to nickel sized hail in the metro Des Moines area. Several hours after the first round of storms moved off, additional thunderstorms formed in western Iowa. Quarter size hail fell in Sac County west of Schaller.

IAZ071

Adair

27	1145CST				1	0	0.00K	0.00K	Strong Wind
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Gusty winds were found across Iowa during the day on the 27th. Though wind gusts were below severe criteria, they were gusty in the 30 to 35 range and had been higher the day before. A 3 year old boy was playing in his back yard in Fontanelle when a tree fell on him during the wind gusts and killed him. M3OU

Emmet County 6 W Huntington

29	2200CST								
31	2359CST				0	0	15.00K	0.00K	Flood

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, Central

Rainfall was frequent for the first week of May with a statewide average of 1.91 inches falling. However, the next two weeks were very dry with an average of only 0.18 inches falling from the 8th through the 22nd. Frequent high winds, low humidity and high temperatures left the topsoil exceptionally dry. No measureable rain was recorded in some central and east central locations for 19 consecutive days (5th through the 23rd), an exceptional streak for a month when rain typically falls more than one day of every three. Rain came more frequently late in the month but remained less than usual over most of central and southern Iowa. However, rainfall was frequent and substantial over the northwest one-quarter of the state where some locations recorded double the usual May total. Very heavy rainfall occurred over southwest Minnesota, resulting in minor flooding along the upper reaches of the Des Moines River in the Estherville area. Monthly rain totals varied from 1.16 inches at Maquoketa, their lowest May total since 1992, to 8.41 inches at Sibley which was their greatest May total since 1959.

IOWA, East Central and Southeast

Washington County Crawfordsville

01	1955CST				0	0	0.00K	0.00K	Hail (1.50)
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A person from the public reported ping pong ball sized hail. Time was estimated from radar.

Scattered showers and thunderstorms developed quickly over eastern Iowa during the early evening hours of May 3, 2012. The thunderstorms quickly became severe, producing large hail and strong winds. A thunderstorm moving northeast through Henry and Washington Counties produced a tornado that was rated EF2 by an NWS storm survey team. Damages along the track of the tornado were estimated to be about \$1 million.

In addition to the severe weather, the thunderstorms were also associated with heavy rainfall. Rainfall amounts ranged from 1 inch in Johnson County, Iowa to 5 inches in Washington County. Thunderstorms lingered over southeastern Iowa past midnight but did not produce additional large hail or strong winds.

Iowa County 3 S Genoa Bluff

02	0215CST				0	0	0.00K	0.00K	Thunderstorm Wind (70EG)
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A microburst blew most of the roof off a house and some of the windows out. Three large trees were snapped. The door and roof of a machine shed and other outbuildings were damaged.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Iowa County 3 N Millersburg

02	0230CST				0	0	0.00K	0.00K	Thunderstorm Wind (60EG)
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A person from the public reported shingles blown off of a house along with several trees blown down. An old silo as well as silage wagons also blew over.

Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

Benton County 4 N Urbana

02	0235CST				0	0	0.00K	0.00K	Thunderstorm Wind (60EG)
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The Emergency Manager reported a large tree blown over near the intersection of 51st Street and 32nd Avenue, roof blow off of a barn, and 1 grain bin was blown out. Time of the event was estimated from radar.

Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

Iowa County North English

02	0240CST				0	0	0.00K	0.00K	Hail (0.75)
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The largest hailstones that fell were dime sized.

Iowa County 1 E North English

02	0247CST				0	0	0.00K	0.00K	Hail (0.75)
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Muscatine County Fruitland

02	0339CST				0	0	0.00K	0.00K	Hail (0.88)
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Time of the event was estimated from radar.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, East Central and Southeast

Muscatine County

Fruitland	02	0339CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Time of the event was estimated from radar.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Jackson County

3 W Bellevue	02	0350CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A trained spotter reported several branches down about 6 inches in diameter. The time of the event was estimated from radar.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Jackson County

3 WSW Bellevue	02	0352CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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The Emergency Manager for Jackson County reported that a few 2 inch tree limbs were down in the city of Bellevue. The time of the event was estimated from radar.

During the early morning hours of May 2nd a strong disturbance lifting northward centered the development of a line of thunderstorms along a warm front bisecting Iowa from west to east. As this line of thunderstorms moved eastward into eastern Iowa, it produced sporadic straightline wind and microburst damage in Benton, Iowa, Muscatine, and Jackson Counties. Pea to penny sized hail was also reported with this line of thunderstorms. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Linn County

3 WNW Bertram	03	1830CST 2200CST			0	0	0.00K	0.00K	Heavy Rain
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Rain fell between 730 and 11 PM CDT.

Benton County

2 W Van Horne	03	1837CST			0	0	0.00K	0.00K	Hail (0.75)
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Iowa County

1 S Ladora Air Strip	03	1908CST			0	0	0.00K	0.00K	Hail (1.75)
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A trained spotter reported golf ball sized hail.

Benton County

1 W Norway	03	1916CST 1919CST			0	0	0.00K	0.00K	Hail (0.75)
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Dime sized hail fell between 716 and 719 CST.

Benton County

Norway	03	1931CST			0	0	0.00K	0.00K	Hail (1.00)
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Henry County

1 S Wayland	03	1940CST 1950CST	3.2	440	0	0	500.00K		Tornado (EF2)
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The tornado began near 120th street near Wayland in Henry County and moved northeast to near Crawfordsville in Washington County. The tornado was on the ground for approximately 10 minutes in Henry County. Damage along the path of the tornado included: several farm outbuildings destroyed, roof damage to homes, trees snapped, and power poles damaged. The most severe damage occurred near and to the northeast of Noble (Washington County) where several turkey farms sustained extensive damage and two large wooden truss power poles were snapped off. Two homes between Noble and Crawfordsville had the roof removed as well as the exterior walls on the upper floor. One of the homes had a car lofted and tumbled across the yard.

Johnson County

1 NE Solon	03	1950CST			0	0	0.00K	0.00K	Hail (1.75)
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Washington County

1 SE Noble 2 SW Crawfordsville	03	1950CST 2000CST	3.53	440	0	0	500.00K		Tornado (EF2)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, East Central and Southeast

The tornado began near 120th street near Wayland in Henry County and moved into Washington County near Noble and lifted near Crawfordsville. The tornado was on the ground for approximately 10 minutes in Washington County. Damage along the path of the tornado included: several farm outbuildings destroyed, roof damage to homes, trees snapped, and power poles damaged. The most severe damage occurred near and to the northeast of Noble (Washington County) where several turkey farms sustained extensive damage and two large wooden truss power poles were snapped off. Two homes between Noble and Crawfordsville had the roof removed as well as the exterior walls on the upper floor. One of the homes had a car lofted and tumbled across the yard.



View from the upper floor of a home between Noble and Crawfordsville in Washington County of the damage done by a tornado.

Iowa County 1 N Parnell

03	2001CST			0	0	0.00K	0.00K	Hail (0.88)
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Johnson County 1 E Solon

03	2001CST			0	0	0.00K	0.00K	Hail (0.75)
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Johnson County 1 E Solon

03	2001CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A trained spotter estimated thunderstorm winds of 60 mph.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Cedar County 1 SSE Springdale

03	2027CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
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A spotter estimated winds of 70 mph.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Washington County 4 WSW Washington Arpt

03	2058CST							
04	0300CST			0	0	0.00K	0.00K	Flash Flood

A trained spotter reported that streets were flooded in the town of Washington. Water was estimated to be three feet deep near an underpass at the intersection of 2nd Avenue and East 5th street. There was also flooding at the intersection of Madison and B Avenue. Sewers were also reported to be backing up across the town.

Muscatine County 2 NE Muscatine

03	2100CST							
04	0322CST			0	0	0.00K	0.00K	Flash Flood

Multiple streets in the city of Muscatine were reported to be flooded. By 920 PM CST two feet of water had been reported on the streets on the northeast side of Muscatine. Widespread ponding of water was also reported.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, East Central and Southeast

Muscatine County

1 N Wilton

03	2100CST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A trained spotter reported two large trees down. The time of the event was estimated by radar.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Scott County

1 N Walcott

03	2114CST				0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
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A retired NWS employee estimated thunderstorm wind speeds of 60 to 70 mph.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Clinton County

2 S Low Moor

03	2130CST				0	0	0.00K	0.00K	Thunderstorm Wind (55EG)
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The public reported four large trees down at Rock Creek Marina. One tree was 30 inches in diameter and fell on a motor home. Another tree fell on a cabin deck. Time of the event was estimated by radar.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Louisa County

1 NW Columbus Jct

03	2245CST				0	0	0.00K	0.00K	Flash Flood
04	0322CST				0	0	0.00K	0.00K	

The west side of Columbus Junction was flooded.

Muscatine County

Conesville

03	2310CST				0	0	0.00K	0.00K	Hail (1.00)
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Scattered showers and thunderstorms developed quickly over eastern Iowa during the early evening hours of May 3, 2012. The thunderstorms quickly became severe, producing large hail and strong winds. A thunderstorm moving northeast through Henry and Washington Counties produced a tornado that was rated EF2 by an NWS storm survey team. Damages along the track of the tornado were estimated to be about \$1 million.

In addition to the severe weather, the thunderstorms were also associated with heavy rainfall. Rainfall amounts ranged from 1 inch in Johnson County, Iowa to 5 inches in Washington County. Thunderstorms lingered over southeastern Iowa past midnight but did not produce additional large hail or strong winds.

Scott County

2 NNW Davenport

15	1717CST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Three to four inch diameter tree limbs were reported down at the Quad City Times newspaper offices. Time of the event was estimated.

A disturbance associated with a cold front diving southeastward across the region pushed a line of showers and thunderstorms through eastern Iowa during the late afternoon and early evening. A thunderstorm rapidly intensified as it moved into eastern Scott County and produced wind damage in downtown Davenport. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Buchanan County

1 W Independence

24	1640CST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Law enforcement reported several trees and power lines down in the city of Independence.

A strong cold front moved through the region during the late afternoon and evening hours on May 24, 2012. A broken line of thunderstorms developed ahead of the cold front and weakened as they moved in eastern Iowa, northwest Illinois and northeast Missouri. A severe thunderstorm moved into Buchanan County producing wind gusts near 60 mph along with pea sized hail. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cedar County

Tipton

25	2258CST				0	0	0.00K	0.00K	Hail (0.75)
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Scott County

1 SSW Scott County Park

25	2350CST				0	0	0.00K	0.00K	Hail (1.00)
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Pea to quarter size hail was observed at a residence located at the far north edge of Park View. This report was delayed.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, East Central and Southeast

Scott County

Scott County Park 25 2352CST 0 0 0.00K 0.00K Hail (0.75)

An off duty NWS Employee reported dime sized hail.

Scott County

Scott County Park 26 0000CST 0 0 0.00K 0.00K Hail (1.00)

The media relayed this delayed public report.

Scott County

1 NE Princeton 26 0010CST 0 0 0.00K 0.00K Hail (1.00)

A storm system moved from the Central Plains into the Mid Mississippi Valley overnight and brought scattered showers and thunderstorms to eastern Iowa. Severe thunderstorms developed by late in the evening and moved eastward through the region with nickel to quarter sized hail reported to the north of Interstate 80. Rainfall amounts of 2 to 3 inches were reported in Dubuque County with 1 to 2 inches reported in other locations.

Washington County

2 E Riverside 28 1455CST 0 0 0.00K 0.00K Hail (1.00)

A trained spotter reported quarter sized hail along with small limbs down and zero visibility in very heavy rain.

Scott County

1 SE Davenport Arpt 28 1610CST 0 0 0.00K 0.00K Thunderstorm Wind (55EG)

An NWS employee reported 6 inch diameter tree limbs down near old Highway 61 and Black Hawk Trail. The time of the event was estimated using radar.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Scott County

3 SSW Davenport Arpt 28 1614CST 0 0 0.00K 0.00K Hail (0.75)

Scott County

1 NNW Credit Island 28 1620CST 0 0 0.00K 0.00K Hail (1.00)

Scott County

4 S Princeton 28 1628CST 0 0 0.00K 0.00K Thunderstorm Wind (55EG)

An NWS employee reported several trees down near Territorial Road north of LeClaire. The time of the event was estimated by radar and other nearby reports.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Scott County

1 W Princeton 28 1633CST 0 0 0.00K 0.00K Thunderstorm Wind (50EG)

Tree limbs were reported down in the area. This caused 4 power lines to be downed from the limbs. Time of this event was estimated from radar.

A cold front swept across the Mid Mississippi Valley during the day on May 28, 2012. Scattered showers and thunderstorms developed ahead of this cold front producing isolated severe hail and wind as they moved through eastern Iowa. These thunderstorms produced pea to quarter sized hail in Washington, Muscatine, and Scott Counties. These thunderstorms also produced wind damage in eastern Scott County with several tree limbs down in eastern Scott County. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

IOWA, Northeast

Mitchell County

Osage 01 2349CST 0 0 0.00K 0.00K Hail (0.75)

Allamakee County

2 SW Volney 02 0036CST 0 0 0.00K 0.00K Hail (1.00)

Scattered thunderstorms over northeast Iowa produced quarter size hail near Volney (Allamakee County) in the early morning hours of May 2nd.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Northeast									
Floyd County									
1 SE Charles City	03	0447CST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
Trees were knocked down at the intersection of 8th and Johnson Streets in Charles City.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Winneshiek County									
1 SSE Decorah	03	0535CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
An estimated wind gust of 60 miles per hour occurred in Decorah.									
A line of thunderstorms moved along a stationary front and knocked down trees in Charles City (Floyd County) and produced an estimated wind gust of sixty miles per hour in Decorah (Winneshiek County) in the morning hours of May 3rd. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Mitchell County									
1 E St Ansgar	04	1748CST			0	0	22.00K	0.00K	Thunderstorm Wind (56EG)
Trees were knocked down and covered a road in Saint Ansgar. Also, a roof was blown off a wine processing facility.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Floyd County									
2 WNW Floyd Hanry Arpt	04	1759CST			0	0	0.00K	0.00K	Hail (1.00)
Floyd County									
3 E Knoop Arpt	04	1802CST			0	0	0.00K	0.00K	Funnel Cloud
A brief funnel cloud was sighted west of Marble Rock.									
Floyd County									
1 SE Knoop Arpt	04	1802CST			0	0	0.00K	0.00K	Hail (1.00)
Hail ranging in size from pennies to quarters fell just west of Marble Rock.									
Howard County									
Riceville	04	1812CST			0	0	0.00K	0.00K	Hail (0.75)
Howard County									
1 N Cresco	04	1847CST			0	0	0.00K	0.00K	Hail (1.00)
Howard County									
1 E Cresco Muni Arpt	04	1848CST			0	0	0.00K	0.00K	Hail (0.75)
Winneshiek County									
Ossian	04	1913CST			0	0	0.00K	0.00K	Hail (1.00)
A line of thunderstorms along a cold front produced large hail and damaging winds in the evening hours of May 4th. Trees were blown down and covered a road in Saint Ansgar (Mitchell County) and one inch diameter hail fell near Cresco (Howard County) and Marble Rock (Floyd County).									
Floyd County									
1 SSW Nora Spgs	05	1457CST			0	0	0.00K	0.00K	Hail (0.75)
Floyd County									
2 W Rudd	05	1500CST			0	0	0.00K	0.00K	Hail (1.00)
Floyd County									
2 E Floyd	05	1515CST			0	0	0.00K	0.00K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, Northeast

Floyd County

1 NNE Floyd Crossing 05 1519CST 0 0 0.00K 0.00K Hail (0.75)

Floyd County

2 WSW Charles City 05 1524CST 0 0 0.00K 0.00K Hail (1.75)

Up to golf ball sized hail fell just southwest of Charles City.

Floyd County

1 E Charles City 05 1525CST 0 0 0.00K 0.00K Hail (0.88)

Penny to nickel sized hail fell in Charles City.

Thunderstorms moved along and north of a warm front and produced large hail across parts of northeast Iowa in the late afternoon hours of May 5th. The hail ranged in size from three fourths of an inch in diameter near Nora Springs (Floyd County) to golf ball near Charles City (Floyd County).

Fayette County

3 NNW Hawkeye 24 1556CST 0 0 30.00K 5.00K Tornado (EF1)

3 SSW Douglas 1558CST 2.99 30 0 0 30.00K 5.00K Tornado (EF1)

A brief tornado, along a line of storms, damaged numerous barns, grain buildings, outbuildings, and some homes along and just northeast of U.S. Highway 18 north of Hawkeye, IA. Most of the damage was EF0 but peak wind speeds and described damage briefly reached EF1.

Fayette County

1 E Eldorado 24 1603CST 0 0 16.00K 1.00K Thunderstorm Wind (57EG)

1606CST

Strong thunderstorm winds damaged a building at a small saw mill on the east side of Eldorado and launched the roof into the Turkey River. Further northeast, a dairy barn and home sustained major damage along King Road. It was unclear if this was a brief tornado touchdown or not.

Note: The estimated wind gust of 57 knots is equivalent to 66 mph.

Winneshiek County

2 WSW Castalia 24 1609CST 0 0 60.00K 72.00K Thunderstorm Wind (52EG)

Two barns were blown down between Castalia and Ossian. One of these barns was a 114 foot by 283 foot freestall barn under construction. On the same farm, another calf barn was partially destroyed and three cattle sheds were completely destroyed. One cow was killed, 55 acres of corn was sheared off by the wind and 50 acres of alfalfa was destroyed.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Winneshiek County

1 NE Frankville 24 1614CST 0 0 2.00K 0.00K Thunderstorm Wind (50EG)

A number of trees were blown down in Frankville.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Allamakee County

2 E Waukon Muni Arpt 24 1628CST 0 0 5.00K 0.00K Thunderstorm Wind (50EG)

Just east of Waukon, a two foot diameter tree was twisted off at its base and fell onto a house. Three semi-permanent farm buildings were lifted and moved by the wind. One of these buildings was destroyed upon impact with the ground.

Small lines of severe thunderstorms formed along a fast moving cold front during the afternoon of May 24th. These thunderstorms caused sporadic wind damage and at least one tornado across parts of northeast Iowa. The tornado was rated as an EF1 on its track near Hawkeye (Fayette County). Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
IOWA, Northwest									
Sioux County									
1 NNW Fairview	01	1822CST			0	0	0.00K	0.00K	Hail (1.50)
Lyon County									
4 SE Inwood	01	1834CST			0	0	0.00K	0.00K	Hail (1.00)
Large hail was accompanied by wind gusts estimated up to 55 mph.									
Lyon County									
3 SSE Alvord	01	1845CST			0	0	0.00K	0.00K	Hail (2.00)
Large hail was accompanied by strong winds. Leaves were stripped from numerous trees.									
Lyon County									
2 W Lakewood	01	1915CST			0	0	0.00K	0.00K	Hail (1.00)
Sioux County									
1 NW Alton	01	2000CST			0	0	20.00K	0.00K	Thunderstorm Wind (76MG)
Thunderstorm winds damaged trees and power lines, and blew down a grain bin and cattle shed. The peak gust was measured by Iowa RWIS equipment.									
Note: The measured wind gust of 76 knots is equivalent to 87 mph.									
O'Brien County									
2 E Sheldon	01	2015CST			0	0	10.00K	0.00K	Thunderstorm Wind (64MG)
Thunderstorm winds blew down trees and power lines.									
Note: The measured wind gust of 64 knots is equivalent to 74 mph.									
O'Brien County									
3 N Sanborn	01	2017CST			0	0	5.00K	0.00K	Thunderstorm Wind (70EG)
Thunderstorm winds damaged several outbuildings on three farmsteads.									
Note: The estimated wind gust of 70 knots is equivalent to 81 mph.									
O'Brien County									
1 NE Sanborn	01	2020CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Thunderstorm winds caused tree damage, including numerous branches up to 3 inches in diameter blown down.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Osceola County									
1 SSE Ocheyedan	01	2035CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
Thunderstorm winds caused tree damage, including several branches blown down.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Clay County									
2 E Moneta	01	2040CST			0	0	5.00K	0.00K	Tornado (EF0)
3 S Everly		2045CST	2.61	50	0	0	5.00K	0.00K	
A tornado damaged several power poles.									
O'Brien County									
5 N Sutherland	01	2044CST			0	0	0.00K	0.00K	Thunderstorm Wind (65EG)
Thunderstorm winds caused tree damage.									
Note: The estimated wind gust of 65 knots is equivalent to 75 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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IOWA, Northwest

Clay County 1 S Spencer

01	2055CST				0	0	10.00K	0.00K	Thunderstorm Wind (56EG)
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Thunderstorm winds caused tree damage, including numerous trees blown down. The winds also blew out windows.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Clay County 3 N Royal

01	2056CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds caused tree damage, including branches blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Lyon County 2 SW Little Rock

01	2100CST				0	0	0.00K	0.00K	Heavy Rain
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Rainfall was measured at 2.92 inches.

Clay County Spencer

01	2106CST				0	0	0.00K	0.00K	Thunderstorm Wind (62MG)
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A 71 mph gust was measured by RWIS equipment.

Note: The measured wind gust of 62 knots is equivalent to 71 mph.

Clay County 3 NE Dickens

01	2118CST				0	0	5.00K	0.00K	Thunderstorm Wind (56EG)
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Thunderstorm winds caused tree damage, and also damaged a roof.

Thunderstorms produced large hail and damaging winds at numerous locations in northwest Iowa during the evening of May 1st. There was also one report of a tornado. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Cherokee County 3 NNE Cherokee

03	1901CST				0	0	0.00K	0.00K	Hail (0.88)
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Cherokee County 3 N Cherokee

03	1903CST				0	0	0.00K	0.00K	Hail (0.75)
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Hail covered the ground.

Cherokee County 4 E Meriden

03	1912CST				0	0	0.00K	0.00K	Hail (0.88)
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Hail was accompanied by an inch of rain which fell in 15 minutes.

Cherokee County 2 NNE Cherokee 1 S Larrabee

03	1923CST 2035CST				0	0	0.00K	0.00K	Flash Flood
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Heavy rain caused flash flooding of rural fields and roads.

Cherokee County 4 SSE Larrabee

03	1923CST				0	0	0.00K	0.00K	Hail (0.88)
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Cherokee County 4 SE Larrabee

03	1923CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds caused tree damage, including branches up to 3 inches in diameter blown down. The winds were accompanied by small hail which covered the ground.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Cherokee County Cherokee

03	1934CST				0	0	0.00K	0.00K	Hail (0.75)
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Hail was accompanied by heavy rain.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, Northwest

Cherokee County

1 SW Aurelia

03	1939CST 1955CST				0	0	0.00K	0.00K	Hail (1.75)
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Hail up to golf ball size fell for several minutes. An unknown amount of damage was done to vehicles.

Thunderstorms produced large hail at a few locations in Cherokee County in northwest Iowa during the early evening of May 3rd. There was also a report of flash flooding and a report of damaging winds.

Sioux County

1 W Hawarden

04	1406CST 1408CST				0	0	0.00K	0.00K	Hail (1.25)
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Large hail was accompanied by estimated 45 mph wind gusts.

Sioux County

4 SW Sioux Center

04	1412CST				0	0	5.00K	0.00K	Thunderstorm Wind (61EG)
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Thunderstorm winds damaged a roof, and caused tree damage, including some trees uprooted.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Sioux County

3 SSW Sioux Center

04	1415CST 1416CST	0.5	50	0	0	0.00K	0.00K	Tornado (EF0)
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A brief tornado caused no reported damage.

Sioux County

1 NNW Orange City Arpt

04	1420CST				0	0	0.00K	0.00K	Thunderstorm Wind (53MG)
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Note: The measured wind gust of 53 knots is equivalent to 61 mph.

Sioux County

2 NNW Orange City

04	1422CST 1423CST	0.5	50	0	0	0.00K	0.00K	Tornado (EF0)
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A brief tornado caused no reported damage.

Sioux County

1 NE Orange City Arpt

04	1423CST				0	0	0.00K	0.00K	Thunderstorm Wind (69MG)
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Thunderstorm winds caused an unknown amount of tree and power line damage.

Note: The measured wind gust of 69 knots is equivalent to 79 mph.

Plymouth County

1 N Brunsville

04	1430CST				0	0	0.00K	0.00K	Hail (1.50)
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Large hail was accompanied by 60 mph wind gusts.

Plymouth County

1 N Brunsville

04	1430CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Estimated 60 mph wind gusts were accompanied by large hail.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

O'Brien County

1 W Philby

04	1440CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds caused tree damage, including several branches blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Plymouth County

1 NW Le Mars Muni Arpt

04	1440CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds caused tree damage, including branches blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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IOWA, Northwest

O'Brien County 2 E Sheldon

04	1445CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds caused tree damage, including several branches blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Sioux County 1 W Hospers

04	1446CST				0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
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Thunderstorm winds caused tree damage, including branches blown down. The winds were accompanied by small hail.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Plymouth County 3 S Le Mars

04	1447CST				0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
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Thunderstorm winds caused tree damage, including several branches blown down.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

O'Brien County 3 WNW Primghar

04	1450CST 1451CST	0.5	50	0	0	0.00K	0.00K	Tornado (EF0)
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A brief tornado caused no reported damage.

Cherokee County 2 NNW Cleghorn

04	1505CST				0	0		0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds caused tree and building damage.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Clay County 2 ESE Everly

04	1510CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds caused tree damage, including branches blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Dickinson County 2 WSW Montgomery

04	1510CST				0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
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Note: The measured wind gust of 50 knots is equivalent to 58 mph.

O'Brien County 4 ENE Hartley

04	1515CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds caused tree damage, including several branches blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Clay County (3SE)Spencer Muni Ar Spencer

04	1522CST 1524CST				0	0		0.00K	Thunderstorm Wind (60MG)
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Thunderstorm winds caused widespread tree damage, including several trees blown down. The winds also caused an unknown amount of structure damage.

Note: The measured wind gust of 60 knots is equivalent to 69 mph.

Dickinson County 1 N Fuller Fld Arpt

04	1524CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds caused tree damage, including several branches blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Northwest									
Clay County 5 NE Dickens	04	1530CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
	Thunderstorm winds caused tree damage. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								
Sioux County Rock Vly	04	2036CST			0	0	0.00K	0.00K	Hail (1.25)
Sioux County 1 SSW Perkins	04	2043CST			0	0	0.00K	0.00K	Hail (0.75)
Sioux County 2 NW Perkins	04	2045CST			0	0	0.00K	0.00K	Hail (1.00)
	Thunderstorm winds produced large hail, damaging winds, and three brief tornadoes across northwest Iowa during the afternoon and evening of May 4th. Most of the severe weather was during the middle afternoon.								
Sioux County 1 N Ireton	06	0115CST			0	0	1.00K	0.00K	Thunderstorm Wind (56EG)
	Thunderstorm winds damaged a farm shed, and caused tree damage, including several branches blown down. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.								
Clay County 2 SE Everly	06	0155CST			0	0		0.00K	Thunderstorm Wind (61EG)
	Thunderstorm winds moved several campers off supports. The winds also caused tree damage, including a large cottonwood tree uprooted, and numerous branches blown down. Thunderstorms produced damaging winds at two locations in northwest Iowa on the early morning of May 6th, not long after midnight. One report was from Sioux County, and one was from Clay County. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.								
Lyon County 3 NW Granite	06	0600CST							
5 WNW Larchwood	10	1800CST			0	0	0.00K	0.00K	Flood
	Minor to moderate flooding of the Big Sioux River affected some farmland, parkland, and a few roads.								
Sioux County 7 WNW Rock Vly	07	0600CST							
	12	1800CST			0	0	0.00K	0.00K	Flood
	Minor to moderate flooding of the Big Sioux River affected some farmland, parkland, and a few roads. The river crested at 2.2 feet above flood stage at Hawarden on May 10th.								
Plymouth County 6 N Akron	08	0600CST							
	13	1800CST			0	0	0.00K	0.00K	Flood
	Minor to moderate flooding of the Big Sioux River affected some farmland, parkland, and a few roads. The river crested at 2.31 feet above flood stage at Akron on May 11th. Runoff from heavy rain caused minor to moderate flooding of the Big Sioux River in early May.								
Woodbury County 1 W Sioux City	19	0405CST			0	0	0.00K	0.00K	Hail (0.75)
	A thunderstorm produced penny size hail near Sioux City in northwest Iowa on the early morning of May 19th.								
Woodbury County 3 SW Anthon	19	1849CST			0	0	0.00K	0.00K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Northwest									
Woodbury County 5 WSW Anthon	19	1900CST			0	0	0.00K	0.00K	Hail (0.75)
									Penny size hail was accompanied by one inch of rain.
Woodbury County 4 WSW Anthon	19	1900CST			0	0	0.00K	0.00K	Hail (1.00)
Woodbury County 3 ESE Anthon	19	2006CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
									Thunderstorm winds caused an unknown amount of tree damage. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Woodbury County 3 SW Correctionville	19	2020CST			0	0	0.00K	0.00K	Hail (1.00)
									Large hail was accompanied by heavy rain and estimated 60 mph wind gusts.
Woodbury County 3 SW Correctionville	19	2020CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
									Thunderstorm winds caused tree and power line damage, knocking out local power. The winds were accompanied by quarter size hail and heavy rain. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Woodbury County 3 S Correctionville	19	2020CST			0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
									Thunderstorm winds blew a barn onto a road. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Woodbury County 1 E Correctionville	19	2021CST			0	0	20.00K	0.00K	Thunderstorm Wind (61EG)
									Thunderstorm winds caused tree damage, including several trees blown down. At least two homes were damaged by falling trees. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Cherokee County 1 N Washta	19	2030CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									Thunderstorm winds caused tree damage, including several trees blown down. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Cherokee County 1 W Quimby	19	2032CST			0	0	5.00K	0.00K	Thunderstorm Wind (61EG)
									Thunderstorm winds destroyed a lean-to shed, blew away shingles, and caused tree damage, including the top of one tree blown down. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Woodbury County 4 WSW Anthon	19	2055CST			0	0	0.00K	0.00K	Heavy Rain
									Heavy rainfall of 4.20 inches washed out a driveway.
Cherokee County 1 W Marcus	19	2055CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									Thunderstorm winds caused tree damage, including some trees blown down. Thunderstorm produced large hail and damaging winds at several locations in Woodbury and Cherokee Counties in northwest Iowa during the evening of May 19th. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, Northwest

Ida County

7 S Ida Grove Muni Arpt 23 1820CST 0 0 0.00K 0.00K Thunderstorm Wind (56EG)

Thunderstorm winds caused tree damage, including large branches blown down.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

O'Brien County

3 ENE Archer 23 2020CST
2025CST 0 0 0.00K 0.00K Hail (1.25)

O'Brien County

4 SE Archer 23 2022CST
2025CST 0 0 0.00K 0.00K Hail (0.75)

Thunderstorms produced damaging winds and large hail in O'Brien and Ida Counties in northwest Iowa during the evening of May 23rd.

Woodbury County

1 S Anthon 26 0125CST 0 0 0.00K 0.00K Hail (1.00)

A thunderstorm produced quarter size hail in Woodbury County in northwest Iowa in the very early morning of May 26th.

Plymouth County

1 W Akron 27 1630CST 0 0 0.00K 0.00K Hail (0.75)

Plymouth County

1 W Akron 27 1635CST 0 0 0.00K 0.00K Hail (1.00)

Sioux County

1 W Chatsworth 27 1641CST 0 0 0.00K 0.00K Hail (1.00)

Sioux County

1 S Hawarden Muni Arpt 27 1643CST 0 0 0.00K 0.00K Hail (1.00)

Sioux County

4 NNE Hull 27 1650CST 0 0 0.00K 0.00K Hail (0.75)

Lyon County

1 SE Alvord 27 1710CST 0 0 10.00K 0.00K Thunderstorm Wind (56EG)

Thunderstorm winds blew the roof off a business, and caused tree damage.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Lyon County

1 E Rock Rapids 27 1720CST 0 0 5.00K 0.00K Thunderstorm Wind (56EG)

Thunderstorm winds blew over two large grain bins and caused tree damage.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Plymouth County

1 W Akron 27 1815CST 0 0 0.00K 0.00K Thunderstorm Wind (61EG)

Thunderstorm winds caused tree damage. Several trees were blown down; some blocking Iowa Highway 12.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Sioux County

1 W Hawarden 27 1828CST 0 0 0.00K 0.00K Thunderstorm Wind (56EG)

Thunderstorm winds caused tree damage, including several trees blown down.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
IOWA, Northwest									
Lyon County									
2 SSE Inwood	27	1848CST			0	0	0.00K	0.00K	Hail (1.00)
Sioux County									
2 ENE Hull	27	1852CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
Thunderstorm winds caused tree damage, including numerous branches blown down.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Sioux County									
1 NW Boyden	27	1900CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Thunderstorm winds caused tree damage.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Sioux County									
3 SW Rock Vly	27	1902CST 2300CST			0	0	0.00K	0.00K	Flash Flood
Heavy rain caused flash flooding of several roads, one of which, Main Street in Rock Valley, became impassable in the high water.									
Thunderstorms produced large hail and damaging winds during the late afternoon and early evening of May 27th in Lyon, Sioux, and Plymouth Counties in northwest Iowa. Heavy rain from the storms produced flash flooding in Sioux County.									
Plymouth County									
6 N Akron	28 31	0600CST 2359CST			0	0	0.00K	0.00K	Flood
Minor to moderate flooding of the lower Big Sioux River affected some farmland and roads. The river crested at 2.26 feet above flood stage at Akron on May 31st.									
Sioux County									
7 WNW Rock Vly	28 31	0600CST 2359CST			0	0	0.00K	0.00K	Flood
Minor to moderate flooding of the lower Big Sioux River affected some farmland and roads. The river crested at 2.2 feet above flood stage at Hawarden on May 31st.									
Runoff from heavy rain caused minor to moderate flooding of the lower Big Sioux River in late May.									
Lyon County									
5 N Rock Rapids	28 30	0600CST 1800CST			0	0	0.00K	0.00K	Flood
Heavy rain caused minor lowland flooding of the Rock River, with a few rural roads also affected. The river crested at 1.98 feet above flood stage at Rock Rapids on May 28th.									
Heavy rain caused minor flooding of the Rock River near the end of May.									
Clay County									
10 W Fostoria	28 31	0600CST 2359CST			0	0	0.00K	0.00K	Flood
Runoff from heavy rain caused minor flooding of the Little Sioux River, with lowlands including some farmland and a few roads affected. The river crested at 1.9 feet above flood stage at Spencer on May 31st.									
Dickinson County									
8 NW Milford	28 31	0600CST 2359CST			0	0	0.00K	0.00K	Flood
Runoff from heavy rain caused minor flooding of the Little Sioux River, with lowlands including some farmland and a few roads affected. The river crested at 1.7 feet above flood stage near Milford on May 31st.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, Northwest

Buena Vista County

Linn Grove

	29	0600CST							
	31	2359CST			0	0	0.00K	0.00K	Flood

Runoff from heavy rain caused minor flooding of the Little Sioux River, with a few lowlands along the river affected. The river rose to less than a half foot above flood stage at Linn Grove at the end of the month.

Clay County

Everly

1 N Spencer

	29	0600CST							
	31	1800CST			0	0	0.00K	0.00K	Flood

Runoff from heavy rain caused minor lowland flooding of the Ocheyedan River near Spencer. The river crested at less than a foot above flood stage near Spencer on May 30th.

Runoff from heavy rain caused minor flooding of the Little Sioux and Ocheyedan Rivers in late May. The flooding on the Little Sioux River continued to the end of the month.

IOWA, Southwest

Fremont County

2 SE Randolph

	03	0120CST							
					0	0	0.00K	0.00K	Hail (1.00)

Fremont County

4 E Farragut

	03	0136CST							
					0	0	0.00K	0.00K	Hail (1.50)

Hail up to ping pong ball-size was reported east of Farragut.

Page County

1 S Shenandoah

	03	0145CST							
					0	0	0.00K	0.00K	Hail (0.88)

Thunderstorms which developed near a stationary front in eastern Nebraska during the late evening of May 2nd moved into southwest Iowa during the early morning hours of May 3rd. The storms produced a few reports of large hail in southwest Iowa.

Pottawattamie County

2 SSW Lake Manawa

	06	0400CST							
					0	3			Thunderstorm Wind (55EG)

Three people were injured, including a 3-year-old boy, when thunderstorm wind gusts estimated at over 60 mph downed a large tree that fell on their tent at the Lake Manawa State Park.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Mills County

3 S Mineola

	06	0422CST							
					0	0	0.00K	0.00K	Thunderstorm Wind (50EG)

Thunderstorm wind gusts estimated at close to 60 mph blew over a Market Sign west of Silver City.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Pottawattamie County

1 E Treynor

	06	0430CST							
					0	0	0.00K	0.00K	Thunderstorm Wind (52EG)

Thunderstorm wind gusts were estimated at 60 mph by a spotter in Treynor. The winds were accompanied by 1/2 inch hail.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Pottawattamie County

1 S Oakland

	06	0450CST							
					0	0	0.00K	0.00K	Thunderstorm Wind (50EG)

Thunderstorm wind gusts estimated at close to 60 mph downed some tree limbs in the Oakland area.

A line of thunderstorms that formed on a cold front in central Nebraska during the late evening of May 5th pushed into eastern Nebraska and southwest Iowa during the predawn hours of May 6th. A segment of the line bowed out across the south parts of the Omaha Metro and raced through southwest Iowa producing areas of wind damage. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Southwest									
Monona County 1 E Onawa	19	1805CST			0	0	0.00K	0.00K	Hail (1.00)
Monona County 1 NE Onawa	19	1825CST			0	0	0.00K	0.00K	Hail (1.00)
Harrison County 1 E Modale	19	1915CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
	Some tree limbs and a power pole were downed in the Modale area by thunderstorms winds estimated at around 60 mph. The time was estimated by radar.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Harrison County 2 S Pisgah	19	1915CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
	Thunderstorm wind gusts estimated at around 60 mph downed 2 trees that were 20 to 30 feet tall with trunks nearly 10 inches in diameter. The time was estimated from radar.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Pottawattamie County 1 NNW Lake Manawa	19	1920CST			0	0	0.00K	0.00K	Thunderstorm Wind (60EG)
	Thunderstorm wind gusts estimated at close to 70 mph blew some gas station signs down.								
	Note: The estimated wind gust of 60 knots is equivalent to 69 mph.								
Harrison County 1 S Missouri Vly	19	1921CST			0	0	0.00K	0.00K	Hail (1.00)
	The hail was accompanied by wind gusts estimated at around 45 mph which downed a few small tree limbs.								
	Thunderstorms developed along and behind a cold front in eastern Nebraska during the afternoon and evening of May 19th. The storms produced areas of damaging winds and large hail as they tracked from eastern Nebraska into western Iowa.								
Monona County Blencoe	23	1734CST			0	0	0.00K	0.00K	Hail (1.00)
Monona County 4 S Onawa	23	1736CST 1745CST			0	0	0.00K	0.00K	Hail (1.00)
	Hail up to quarter-size fell south of Onawa.								
Monona County 1 NW Ute	23	1800CST			0	0			Thunderstorm Wind (55EG)
	Thunderstorm wind gusts estimated at over 60 mph downed trees and power lines near Ute.								
	Scattered thunderstorms, a few severe with damaging winds and large hail, developed along a slow moving cold front during the late afternoon of May 23rd. Outflow from many of the storms produced swirling dust devils that prompted several reports of tornadoes, but most if not all tornado reports this evening were such type occurrences. However, some of the storms did produce damaging winds. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.								
KANSAS, East									
Morris County 5 W Delavan	01	0620CST			0	0	0.00K	0.00K	Hail (0.88)
	A thunderstorm produced nickel-sized hail near Herington.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, East									
Brown County 3 SW Reserve	03	2225CST 2227CST			0	0	0.00K	0.00K	Hail (1.00)
A thunderstorm produced quarter-sized hail near Reserve.									
Douglas County 2 SSW Eudora	06	1459CST 1501CST			0	0	0.00K	0.00K	Hail (1.00)
Douglas County 2 S Eudora	06	1505CST			0	0	0.00K	0.00K	Hail (0.75)
Douglas County 1 S Eudora	06	1523CST 1525CST			0	0	0.00K	0.00K	Hail (1.00)
Douglas County 3 SW Lawrence	06	1711CST 1714CST			0	0			Hail (1.25)
Douglas County 1 SE Vinland	06	1859CST			0	0	0.00K	0.00K	Hail (0.75)
Franklin County Rantoul	06	1933CST			0	0	0.00K	0.00K	Hail (0.88)
Coffey County 2 NE Halls Summit	06	1934CST			0	0	0.00K	0.00K	Hail (0.75)
Coffey County 6 NNW Halls Summit	06	1934CST			0	0	0.00K	0.00K	Hail (0.75)
Coffey County 2 SSW Burlington Arpt	06	2010CST			0	0	0.00K	0.00K	Hail (0.88)
Lyon County 2 ENE Admire	06	2317CST 2319CST			0	0	0.00K	0.00K	Hail (1.00)
During the late afternoon to early evening hours on May 6th a few strong storms formed over far eastern Kansas. The largest hailstone observed from these storms was one inch.									
Ottawa County 4 WNW Culver	19	1732CST			0	0	0.00K	0.00K	Hail (0.75)
Ottawa County 4 ESE Tescott	19	1735CST 1738CST			0	0	0.00K	0.00K	Hail (1.25)
Ottawa County 1 W Niles	19	1830CST			0	0	0.00K	0.00K	Hail (0.88)
Ottawa County 1 SE Niles	19	1835CST 1840CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, East									
Dickinson County 1 E Abilene	19	1900CST 1902CST			0	0	0.00K	0.00K	Hail (1.00)
A few strong storms produce a few large hailstones across Ottawa and Dickinson Counties.									
Republic County 3 NW Scandia	27	1537CST 1540CST			0	0			Thunderstorm Wind (52EG)
A severe thunderstorm ripped off a section of a roof from a hay barn, and did damage to a center pivot.									
A severe thunderstorm produced a strong wind gust that took off a roof from a hay barn and did damage to a center-pivot. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Lyon County 4 W Olpe	29	2141CST			0	0	0.00K	0.00K	Hail (0.88)
Wabaunsee County 1 SW Alta Vista	29	2243CST 2253CST			0	0	0.00K	0.00K	Hail (1.00)
The hail fell for 10 minutes.									
Franklin County 1 E Ottawa	29	2251CST			0	0	0.00K	0.00K	Hail (0.88)
Wabaunsee County 2 SE Alta Vista	29	2258CST 2303CST			0	0			Hail (1.75)
Wabaunsee County 6 E Alta Vista	29	2308CST			0	0	0.00K	0.00K	Hail (0.88)
Osage County 1 E Carbondale	29	2314CST			0	0	0.00K	0.00K	Hail (1.00)
Osage County 1 E Carbondale	29	2317CST 2321CST			0	0			Hail (1.50)
Wabaunsee County 4 S Hessdale	29	2319CST 2321CST			0	0	0.00K	0.00K	Hail (1.00)
Shawnee County 1 N Auburn	29	2352CST 2355CST			0	0			Hail (1.50)
Shawnee County 1 N Auburn	29	2354CST 2356CST			0	0	0.00K	0.00K	Hail (1.00)
Cloud County 2 SW Macyville	30	1550CST 1554CST			0	0			Thunderstorm Wind (56EG)
A trained spotter near Glasco reported a 65 mph wind gust. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KANSAS, East

Cloud County 2 SW Macyville

30	1553CST 1555CST				0	0	0.00K	0.00K	Hail (1.00)
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Ottawa County 1 NNW Ada

30	1618CST 1622CST				0	0			Thunderstorm Wind (56EG)
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Winds of 65 to 70 mph were estimated. Some crop damage was reported, but no hail size was available.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Ottawa County 1 E Ada

30	1623CST				0	0	0.00K	0.00K	Hail (0.75)
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Riley County 2 E Winkler

30	1705CST 1709CST				0	0			Thunderstorm Wind (52EG)
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A COOP observer reported a 60 mph wind.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Pottawatomie County 1 W Olsburg 1 E Wamego

30	1715CST 1755CST				0	0			Thunderstorm Wind (52EG)
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Trained spotters from across Pottawatomie County reported 60 to 65 mph wind gusts. The only reported damage was in Wamego where a few 6 inch tree limbs broke.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Shawnee County 1 SE Willard

30	1845CST 1849CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A trained spotter reported a 60 mph wind gust.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Shawnee County 2 WNW Kiro

30	1852CST 1856CST				0	0			Thunderstorm Wind (56EG)
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A framed building under construction was blown completely to the ground. This was a delayed report from broadcast media, and the time was estimated from radar.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Shawnee County 1 SE Willard 2 SSW Menoken

30	1906CST 1910CST				0	0			Thunderstorm Wind (61EG)
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Broadcast media and Emergency Managers in Shawnee County reported several 60 to 70 mph wind gusts. Power outages were reported from Willard, Rossville, Silver Lake, and north Topeka.

On May 30, 2012 a cold front moved through the central Plains causing widespread thunderstorm activity. The early mode of the storms was a supercellular/multicellular mode with large hail and damaging winds, but by late evening they congealed into a squall line, with damaging winds being the primary threat. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

KANSAS, Extreme Southeast

Cherokee County 1 W Columbus

01	0019CST 0119CST				0	0	0.00K	0.00K	Flash Flood
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Several streets were closed due to flooding in Columbus.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KANSAS, Extreme Southeast

Cherokee County

1 W Melrose 01 0020CST 0 0 0.00K 0.00K Hail (1.00)

Cherokee County

3 ESE Sherwin 01 0033CST 0 0 0.00K 0.00K Hail (1.00)

Cherokee County

3 WNW Treece 01 0037CST 0 0 2.00K 0.00K Thunderstorm Wind (52EG)

A roof was blown off a mobile home.

An upper level disturbance developed isolated severe storms which produced marginal severe hail and heavy rainfall that lead to localized flash flooding. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

KANSAS, North Central

Phillips County

5 S Logan 02 1921CST 0 0 100.00K 1.00M Hail (2.50)

Although the vast majority of severe thunderstorms within the region on this Wednesday evening focused to the north in Nebraska, a lone, splitting supercell pounded a small part of northern Kansas with large hail up to tennis ball size, including southwest Phillips County. This storm initiated just southwest of the local six-county area in Trego County around 630 PM CDT, quickly became severe and started tracking north-northeast. Near the Trego-Graham County line, the storm underwent a split, with the weaker right-split storm tracking across southern Rooks County. Meanwhile, the dominant left-split storm continued producing large hail as it crossed from eastern Graham County into northwest Rooks and southwest Phillips Counties between 745 PM-845 PM CDT. Shortly thereafter, the storm abruptly weakened and had all but faded away by 945 PM CDT as it reached the Nebraska border. Regarding synoptic and mesoscale forcing, broad southwesterly flow aloft was not overly strong, with North Central Kansas positioned well south of the primary shortwave trough traversing the Northern Rockies and Northern Plains. As a result, the initiation of this supercell was largely attributed to persistent low level convergence and strong instability in the vicinity of a weak surface low pressure center. Around the time of the tennis ball size hail south of Logan, the mesoscale environment featured 35 knots of 0-6 kilometer vertical wind shear and at least 2000 J/kg mixed-layer CAPE.

Mitchell County

10 SSW Beloit 19 1558CST 0 0 0.00K 0.00K Hail (1.00)

Mitchell County

7 S Beloit 19 1605CST 0 0 0.00K 0.00K Hail (0.88)

Jewell County

Jewell 19 1630CST 0 0 75.00K 250.00K Hail (1.50)

This six-county portion of North Central Kansas found itself just outside two concentrated zones of severe weather on this Saturday afternoon and evening, with one area focused just to the north in southern Nebraska and the other just to the south in central and south central Kansas. However, for a short time during the late afternoon, a few semi-discrete severe storms tracked from southwest-to-northeast across portions of Mitchell and Jewell Counties, resulting in a few reports of nickel to ping pong ball size hail. The first severe storm entered southern Mitchell County from Lincoln County around 430 PM CDT, while the last severe storm of the day within the local area exited northeast Jewell County around 6 PM CDT. Although significant wind damage occurred just north of the state line near Hardy, Nebraska, no reports of severe weather were received on the Jewell County side of the border. On the synoptic scale this was a rather strongly forced regional severe weather event, as a vigorous shortwave trough migrated from eastern Colorado across the Kansas and Nebraska border area, while at the surface, a sharp north-south oriented cold front reached a position near the Highway 281 corridor by mid-afternoon. Mesoscale severe weather parameters around the time of the ping pong ball size hail in Jewell included 40-50 knots of 0-6 kilometer vertical wind shear and 1500-2000 J/kg mixed layer CAPE. A potential tornado threat was likely mitigated by somewhat meager boundary layer moisture with surface dewpoints only around 60F, resulting in higher cloud bases and enhanced outflow.

Rooks County

Zurich 26 1757CST 0 0 5.00K 0.00K Thunderstorm Wind (61EG)

Damage caused by strong winds reported in Zurich included a pontoon boat being flipped over, numerous tree branches knocked down, and damage to a privacy fence and outdoor grill.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KANSAS, North Central

Rooks County Zurich

26	1800CST				0	0	0.00K	0.00K	Hail (1.00)
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Hail up to the size of nickels to quarters was reported.

Around 7 PM CDT on this Saturday evening, a small but intense high-based supercell storm barreled into Rooks County from the south, striking Zurich with estimated 70 MPH winds and hail up to quarter size. Some wind damage was reported in Zurich, including sections of a privacy fence blown down. Shortly after departing the Zurich area, this storm rapidly weakened and had all but dissipated by the time it reached far northern Rooks County. Before it reached the local area, this storm already had a long history of damaging winds, as it first developed along a north-south oriented dryline near Dodge City around 430 PM CDT. It was able to intensify despite the presence of warm mid level temperatures, overcoming this capping inversion within a deeply-mixed environment with very steep low level lapse rates. On the larger scale aloft, synoptic forcing was fairly weak with broad south-southwest flow in place over the Central Plains on the eastern periphery of a deep large scale trough centered over the Intermountain West. Early evening mesoscale parameters featured around 1000 J/kg mixed layer CAPE but only around 30 knots of 0-6 kilometer vertical wind shear.

Smith County Athol

27	1714CST				0	0	25.00K	500.00K	Hail (1.75)
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Smith County 4 N Athol

27	1714CST				0	0	25.00K	500.00K	Hail (2.00)
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Rooks County 10 WNW Stockton

27	1724CST				0	0	25.00K	500.00K	Hail (1.75)
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Phillips County 4 E Glade

27	1728CST				0	0	0.00K	0.00K	Hail (1.00)
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Phillips County 4 WNW Kirwin

27	1730CST				0	0	0.00K	0.00K	Hail (1.00)
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Phillips County 3 NW Glade

27	1740CST				0	0	75.00K	500.00K	Hail (1.75)
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The south side of an area home had all of its windows broken.

Smith County Kensington

27	1740CST				0	0	25.00K	500.00K	Hail (1.50)
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Phillips County Phillipsburg

27	1748CST				0	0	0.00K	0.00K	Hail (1.00)
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Rooks County 4 WSW Plainville

27	1756CST				0	0	25.00K	500.00K	Hail (1.50)
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Phillips County 3 W Agra

27	1800CST				0	0	0.00K	0.00K	Hail (1.00)
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Hail was accompanied by wind gusts of 55 mph.

Phillips County Speed

27	1801CST				0	0	25.00K	500.00K	Hail (1.75)
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Phillips County Speed

27	1801CST 1805CST				0	0	0.00K	0.00K	Hail (1.25)
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Rooks County 2 S Stockton

27	1804CST				0	0	25.00K	500.00K	Hail (1.50)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KANSAS, North Central

Phillips County Phillipsburg	27	1804CST			0	0	0.00K	0.00K	Thunderstorm Wind (57MG)
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Equipment located at the local elementary school recorded a wind gust of 66 mph.

Note: The measured wind gust of 57 knots is equivalent to 66 mph.

Rooks County Stockton	27	1807CST			0	0	0.00K	0.00K	Hail (1.00)
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Rooks County 4 ESE Stockton	27	1809CST			0	0	25.00K	500.00K	Hail (1.75)
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Rooks County 2 W Woodston	27	1811CST			0	0	25.00K	500.00K	Hail (1.50)
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Phillips County Kirwin	27	1823CST 1825CST			0	0	75.00K	500.00K	Hail (2.75)
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Hail ranging from golf ball to baseball size was reported.

Phillips County 16 N Phillipsburg	27	2021CST			0	0	0.00K	0.00K	Hail (1.00)
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Sunday evening of Memorial Day weekend featured a barrage of severe thunderstorms with large hail, primarily affecting Phillips, Rooks and Smith Counties within this six-county portion of North Central Kansas. For roughly 3.5 hours between 6-930 PM CDT, there were multiple reports of hail ranging from quarter to baseball size. The largest reported stones of 2.50-2.75 inches fell in Kirwin around 725 PM CDT. Hail of 1.75-2.00 inches in diameter fell in or near Athol, Webster Reservoir, Speed and Glade, with a home northwest of Glade suffering the loss of all south-facing windows. Although reports of severe-criteria wind gusts were sparse, a 66 MPH gust was measured at the Phillipsburg elementary school. Rainfall-wise, most areas averaged less than one inch, but a small corridor including Prairie View in northwest Phillips County measured 2.15 inches. The coverage of storms during this event was rather widespread within the aforementioned three counties, with considerable development and intensification taking place between 6-7 PM CDT just east of a nearly stationary north-south surface dryline. Storm mode consisted of a mixed bag of fast-moving multicell and small supercells streaming north-northeast across the area. The last severe storm of the night within the local six-county area exited far northern Phillips County into Nebraska around 930 PM CDT. A bit later around 1030 PM CDT an isolated severe storm tried pushing into southeastern Mitchell County from Lincoln County but weakened as it did so. This severe weather event was anticipated several days in advance, and featured a Moderate Risk Day 1 Convective Outlook from the Storm Prediction Center. The primary forcing mechanism aloft was a strong shortwave pushing northeast out of Colorado, along the southeast periphery of a deep mid-level low centered in Montana. At the surface, the aforementioned dryline served as the primary low-level trigger, as it aligned from north central Kansas to the eastern Texas Panhandle at mid-afternoon. As this strong upper forcing intercepted the dryline and severe storms erupted, mesoscale convective parameters featured between 1000-2000 J/kg mixed-layer CAPE and impressive 0-6 kilometer vertical wind shear of 50-70 knots. A potential tornado threat was likely kept in check by somewhat high cloud bases, resulting from surface temperature-dewpoint spreads of 20-30F early in the event.

Jewell County 1 NW Ionia	30	1503CST			0	0	0.00K	0.00K	Hail (0.88)
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Jewell County Ionia	30	1510CST			0	0	15.00K	250.00K	Hail (1.50)
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Jewell County 7 SSW Jewell	30	1525CST			0	0	0.00K	0.00K	Hail (1.00)
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Mitchell County Beloit	30	1529CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Wind gusts were estimated at 60 mph.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KANSAS, North Central

Mitchell County Victor

30	1550CST				0	0	0.00K	0.00K	Hail (0.75)
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Mainly between 330-600 PM CDT on this Wednesday afternoon, a few strong to severe thunderstorms rolled through this six-county portion of North Central Kansas, with the strongest activity focused in Jewell and Mitchell Counties. The most intense storm was a relatively short-lived discrete supercell that produced ping pong ball size hail in Ionia and estimated 60 MPH wind gusts in Beloit before exiting the local area to the east by 445 PM CDT. Around this time, a line of strong storms sagged southward into the area out of Nebraska, but the only report from this activity was estimated 40-50 MPH winds in Mankato around 520 PM CDT. A considerably more widespread severe weather event narrowly missed this portion of North Central Kansas, flaring up just to the south near the Interstate 70 corridor late in the afternoon and rolling southward through the heart of the state as a severe MCS during the evening.

In the mid and upper levels, the primary forcing mechanisms for this event were a vigorous shortwave trough migrating east-southeast from the Northern High Plains across southern South Dakota, along with a weaker mid level disturbance sliding east across Kansas. At the surface, a generally east-west quasi-stationary front stretched across the local area during the day as strong to severe storms focused just north of this front in southern Nebraska for several hours before activity eventually got going in northern Kansas by mid-afternoon. Around the time of the large hail in Ionia, the mesoscale environment featured steep mid-level lapse rates with 1000 J/kg mixed-layer CAPE and 40-50 knots of 0-6 kilometer vertical wind shear.

KANSAS, Northeast

Johnson County De Soto

06	1554CST				0	0	0.00K	0.00K	Hail (1.25)
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Johnson County 1 NE Olathe

06	1710CST 1711CST	0.05	25	0	0	0.00K	0.00K	Tornado (EF0)
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A brief EF0 tornado touched down at 1615CST near Santa Fe and Highway 7. The tornado lifted at 1616CST with no damage reported.

Johnson County 1 S Provence Vlg

06	1722CST 1723CST	0.09	25	0	0	0.00K	0.00K	Tornado (EF0)
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A brief EF0 tornado touched down in an open field at 1622CST, near the intersection of Interstate 35 and Highway 169. The tornado lifted at 1623CST and no damage was observed.

Johnson County 1 NE Olathe

06	1736CST				0	0	0.00K	0.00K	Hail (1.00)
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The hail was reported at Santa Fe and Merlin.

Johnson County 1 NE Olathe

06	1739CST				0	0	0.00K	0.00K	Hail (1.25)
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The hail was reported at the intersection of 139th Street and Interstate 35.

Johnson County 1 NE Olathe

06	1753CST				0	0	0.00K	0.00K	Hail (0.75)
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The hail was reported at the intersection of Interstate 435 and Interstate 35.

Johnson County Olathe

06	1756CST				0	0	0.00K	0.00K	Hail (1.00)
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One inch hail was reported at South Ridgeview Road and West 116th Street.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Northeast									
Johnson County 1 NE Olathe	06	1802CST			0	0	0.00K	0.00K	Hail (0.75)
	The hail was reported at 115th and Pflumm.								
Johnson County 2 NW Provence Vlg	06	1802CST			0	0	0.00K	0.00K	Hail (1.00)
Johnson County 1 NE Olathe	06	1820CST			0	0	0.00K	0.00K	Hail (1.50)
Johnson County 1 NE Olathe	06	1822CST			0	0	0.00K	0.00K	Hail (1.75)
Johnson County 1 NE Olathe	06	1838CST			0	0	0.00K	0.00K	Hail (1.75)
Johnson County 1 NE Olathe	06 07	1840CST 0040CST			0	0	0.00K	0.00K	Flash Flood
	Numerous streets in Olathe were reported flooded.								
Miami County 2 SW O Brien	06	1958CST			0	0	0.00K	0.00K	Hail (0.88)
	A cold front moved southeast across the area, during the afternoon through evening hours, of May 6, 2012. The front produced scattered thunderstorms, with a few becoming severe. There were numerous reports of hail, along with two reported tornadoes.								
Atchison County 3 SE Homewood	24	1629CST			0	0	0.00K	0.00K	Hail (1.00)
	A weakening frontal boundary was located across northeast Kansas, in the afternoon and evening hours of May 24, 2012. There was one report of large hail in Atchison County.								
Johnson County 1 W (OJC)Johnson Co Exec	25	0455CST			0	0	0.00K	0.00K	Hail (0.75)
Johnson County 1 ESE Stanley	25	0508CST			0	0	0.00K	0.00K	Hail (1.00)
Johnson County 1 W Stanley	25	0900CST			0	0	0.00K	0.00K	Heavy Rain
	A warm front over east central Kansas, during the morning hours of May 25, 2012, lifted north and produced a large area thunderstorms. An isolated severe thunderstorm with large hail was observed.								
Leavenworth County Jarbalo	30	0010CST			0	0	0.00K	0.00K	Hail (0.88)
Leavenworth County 1 NW Fairmount	30	0017CST			0	0	0.00K	0.00K	Hail (0.75)
	A weak cold front brought thunderstorms to east central Kansas, in the early morning hours of May 30, 2012. There were two reports of hail up to nickels in size, in Leavenworth County.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Northwest									
Graham County 10 SSE Hill City	02	1822CST			0	0	0.00K	0.00K	Hail (2.50)
Graham County 8 S Bogue	02	1832CST			0	0	0.00K	0.00K	Hail (2.00)
Graham County 1 SSE Bogue	02	1852CST			0	0	0.00K	0.00K	Hail (2.50)
A lone supercell thunderstorm moved northeast across Graham County during the evening, producing several reports of large hail up to the size of tennis balls.									
Decatur County 12 WSW Oberlin Muni Arpt	17	1715CST			0	0	0.20K	0.00K	Thunderstorm Wind (56EG)
Thunderstorm winds lifted the roof off a chicken coop on a farmstead. High-based showers and isolated thunderstorms were producing locally strong down bursts during the late afternoon hours due to dry air in the lower atmosphere. A nearby mesonet station measured a wind gust of 60 mph under similar conditions.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Decatur County 9 S Oberlin	17	1725CST			0	0	0.00K	0.00K	Thunderstorm Wind (52MG)
Note: The measured wind gust of 52 knots is equivalent to 60 mph.									
Gove County 5 ESE Gove	17	1739CST			0	0	0.00K	0.00K	Thunderstorm Wind (53MG)
Widely scattered showers and thunderstorms developed during the afternoon and continued into early evening. Dry air in the lower atmosphere created a favorable environment for localized strong outflow winds. Two wind reports were received from mesonet stations with gusts around 60 mph. Note: The measured wind gust of 53 knots is equivalent to 61 mph.									
Cheyenne County St Francis	19	1110CST			0	0	0.00K	0.00K	Hail (0.75)
Logan County 3 WSW Russell Spgs	19	1246CST			0	0	0.00K	0.00K	Hail (1.00)
Storm chaser reports a large quantity of hail covering Highway 25 at Russell Springs.									
Logan County 1 SSE Oakley Muni Arpt	19	1320CST			0	0	0.00K	0.00K	Hail (0.88)
Thunderstorms developed early in the day across eastern Colorado and moved north and east during the late morning and afternoon hours. Hail up to the size of golf balls was reported across extreme NW Kansas and southern Nebraska.									
Sherman County 1 E Goodland	23	2007MST			0	0	0.00K	0.00K	Hail (0.75)
The hail was mostly one half inch in diameter.									
Thomas County 10 N Brewster	23	2145CST			0	0	0.00K	0.00K	Hail (1.00)
Thomas County 1 N Colby Muni Arpt	23	2152CST			0	0	0.00K	0.00K	Hail (1.00)
Thomas County 1 S Colby	23	2155CST			0	0	0.00K	0.00K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Northwest									
Rawlins County 1 NE Atwood	23	2209CST			0	0	0.00K	0.00K	Hail (0.88)
Rawlins County 3 NE Achilles	23	2220CST			0	0	0.00K	0.00K	Hail (1.00)
Decatur County 1 W Oberlin	23	2241CST			0	0	0.00K	0.00K	Hail (0.75)
Sheridan County 4 WSW Lucerne	23	2250CST			0	0	0.00K	0.00K	Hail (1.25)
Graham County 8 N Morland 11 NNW (HLC)Hill City Muni	23	2300CST 2315CST			0	0	126.00K	0.00K	Thunderstorm Wind (78EG)
<p>Strong thunderstorm outflow winds produced a swath of damage across northern Graham County. Winds estimated at 90 mph broke approximately 55 utility poles from Roads 130 and V, northeast to Roads 250 and CC. In addition, six irrigation pivots were overturned, two outbuildings were damaged or destroyed and numerous tree limbs broken. Time of events is estimated from radar and local residents.</p> <p>Note: The estimated wind gust of 78 knots is equivalent to 90 mph.</p>									
Norton County 2 ESE Lenora	23	2310CST			0	0	0.00K	0.00K	Thunderstorm Wind (53MG)
<p>Several rounds of thunderstorms moved across northwest Kansas during the evening hours. The storms produced marginally severe hail and a swath of damaging winds across Graham county north and west of Hill City. Note: The measured wind gust of 53 knots is equivalent to 61 mph.</p>									
KSZ001>003-013> 015-027>029-041> 042	Cheyenne - Decatur - Gove - Greeley - Logan - Rawlins - Sheridan - Sherman - Thomas - Wallace - Wichita								
	26	1400CST							
	27	0200CST			0	0	224.0K	0.00K	High Wind
<p>Showers and thunderstorms moved into Northwest Kansas during the evening hours. The outflow winds from the showers and thunderstorms were enhanced by the already strong winds above the surface, which lead to widespread reports of wind gusts of 60 to over 80 MPH across the area. Wind gusts of 70 MPH occurred at Gove, with 74 MPH gusts reported at Atwood and 7 SW of Sharon Springs. The peak gusts of 81 and 82 MPH were reported at Ludell and Colby respectively. The wind gusts peaked during the late evening into the overnight hours then gradually diminished from west to east through the rest of the night. The strong to severe wind gusts damaged structures and caused widespread power outages.</p>									
Sherman County 10 NE Edson	30	1400MST 1420MST	0.25	10	0	0	0.00K	0.00K	Tornado (EF0)
<p>Employee reported a small landspout tornado that eventually dissipated after 20 minutes. Little movement noted and tornado remained over open fields with no known damage.</p>									
Thomas County 10 N Levant	30	1530CST			0	0	0.00K	0.00K	Hail (1.00)
Thomas County 3 N Brewster	30	1536CST			0	0	0.00K	0.00K	Hail (1.00)
Thomas County 1 S Brewster	30	1540CST			0	0	0.00K	0.00K	Hail (1.75)
<p>Hail was mostly quarter size with a few stones as large as golf balls.</p>									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KANSAS, Northwest

Rawlins County									
3 SSE Achilles	30	1544CST			0	0	0.00K	0.00K	Hail (1.00)
Thomas County									
3 ENE Brownville	30	1620CST			0	0	0.00K	0.00K	Hail (1.75)
Logan County									
2 W Monument	30	1625CST			0	0	0.00K	0.00K	Hail (1.25)

A cluster of thunderstorms formed during the afternoon hours and moved southeast across portions of northwest Kansas and extreme southwest Nebraska. The storms produced one landspout tornado and hail up to the size of golf balls.

KANSAS, Southeast

Chautauqua County									
7 NW Sedan	01	0000CST			0	0	0.00K	0.00K	Flood
3 N Elgin		1430CST			0	0	0.00K	0.00K	Flood

Water covered Sedan's Main Street to a depth of one foot. Unfortunately, property and/or crop damage estimates are unknown.

Montgomery County									
1 S Coffeyville Arpt	01	0033CST			0	0	0.00K	0.00K	Flood
4 ESE Coffeyville		1430CST			0	0	0.00K	0.00K	Flood

Widespread street flooding occurred in Coffeyville, to the point that some car evacuations were needed. Unfortunately, property and/or crop damage estimates are unknown.

Labette County									
4 SSE Bartlett	01	0048CST			0	0	0.00K	0.00K	Flood
2 S Chetopa		1430CST			0	0	0.00K	0.00K	Flood

Flooding was reported in Chetopa, requiring the evacuation of a residence. Unfortunately, property and/or crop damage estimates are unknown.

An upper level disturbance interacted with an unstable airmass in place to produce scattered strong to severe thunderstorms across southern Kansas. While widespread severe weather did not occur, a few storms produced damaging winds and large hail, along with some flooding over southeast Kansas. This is a continuation of an event that began on the evening of April 30th.

Reno County									
1 ENE Arlington	04	0010CST			0	0			Hail (0.88)

The hail fell along highway K-61.

Kingman County									
4 N Kingman Muni Arpt	04	0025CST			0	0	37.50K		Thunderstorm Wind (56EG)

Five power poles were knocked down.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Kingman County									
Kingman Muni Arpt	04	0031CST			0	0	0.00K	0.00K	Thunderstorm Wind (58MG)

Note: The measured wind gust of 58 knots is equivalent to 67 mph.

Kingman County									
Kingman Muni Arpt	04	0035CST			0	0	30.00K		Thunderstorm Wind (56EG)

Damage was reported to the airplane hangers at the Kingman Airport.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Kingman County									
4 N Kingman Muni Arpt	04	0035CST			0	0	1.00K		Thunderstorm Wind (56EG)

Ten to twelve inch cottonwood tree limbs were knocked down.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Southeast									
Sedgwick County 1 E Mt Hope	04	0104CST			0	0			Thunderstorm Wind (61EG)
									Pea size hail was reported via Facebook. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Butler County 6 SSE Whitewater	04	0148CST			0	0			Thunderstorm Wind (52EG)
									The gust was reported by a trained spotter. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Butler County 1 E El Dorado	04	0202CST			0	0			Thunderstorm Wind (53MG)
									Wind gust was reported from a KSN-TV mesonet site. Note: The measured wind gust of 53 knots is equivalent to 61 mph.
Butler County 1 W El Dorado	04	0210CST			0	0	25.00K		Thunderstorm Wind (56EG)
									Four inch tree limbs were knocked down across town. A small complex of thunderstorms moved across portions of South Central Kansas during the late evening and overnight hours of May 3rd and early on May 4th, 2012. The complex of storms moved generally along or just north of Highway 54/400 from Kingman, to North Wichita to El Dorado, Kansas. The thunderstorms produced wind damage along its path, with wind gusts ranging from 65 to 70 mph. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.
Barton County 1 N Great Bend Arprt	19	1435CST 1436CST			0	0	0.00K	0.00K	Hail (2.00)
Barton County 2 WSW Great Bend	19	1437CST 1438CST			0	0	0.00K	0.00K	Hail (0.88)
Barton County 2 WSW Great Bend	19	1438CST 1439CST			0	0	0.00K	0.00K	Hail (1.00)
Barton County 2 WSW Great Bend	19	1442CST 1443CST			0	0	0.00K	0.00K	Hail (1.00)
Barton County 2 WSW Great Bend	19	1445CST 1446CST			0	0	0.00K	0.00K	Hail (2.00)
Barton County 3 S Odin	19	1509CST 1510CST			0	0	0.00K	0.00K	Hail (0.75)
Reno County 1 SE Sylvia	19	1544CST 1545CST			0	0	0.00K	0.00K	Hail (1.75)
Lincoln County 2 ESE Sylvan Grove	19	1545CST 1546CST			0	0	0.00K	0.00K	Hail (1.50)
Lincoln County 2 ESE Sylvan Grove	19	1545CST 1546CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									Gust was estimated and relayed by the Emergency Manager. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Southeast									
Reno County 3 S Sylvia	19	1600CST 1601CST			0	0	0.00K	0.00K	Hail (1.50)
									The hail was covering the yard.
Reno County 5 S Sylvia	19	1606CST 1607CST			0	0	0.00K	0.00K	Hail (1.25)
Reno County 4 W Arlington	19	1611CST 1612CST			0	0	0.00K	0.00K	Hail (2.00)
Reno County 4 NE Langdon	19	1611CST 1612CST			0	0	0.00K	0.00K	Hail (1.75)
Ellsworth County 1 N Ellsworth	19	1612CST 1613CST			0	0	0.00K	0.00K	Hail (0.75)
Ellsworth County 1 N Ellsworth	19	1615CST 1616CST			0	0	0.00K	0.00K	Hail (1.00)
Kingman County Penalosa	19	1615CST 1616CST			0	0	0.00K	0.00K	Hail (0.75)
Reno County Arlington	19	1615CST 1616CST			0	0	0.00K	0.00K	Hail (1.00)
Reno County 1 SW Arlington	19	1617CST 1618CST			0	0	0.00K	0.00K	Hail (2.00)
Ellsworth County 1 N Ellsworth	19	1618CST 1619CST			0	0	0.00K	0.00K	Hail (1.50)
Reno County 4 SW Arlington	19	1618CST 1619CST			0	0	0.00K	0.00K	Hail (1.75)
Ellsworth County 2 NE Ellsworth	19	1620CST 1621CST			0	0	0.00K	0.00K	Hail (0.88)
Reno County Arlington	19	1621CST 1622CST			0	0	0.00K	0.00K	Hail (1.75)
Reno County 2 SW Arlington	19	1624CST 1625CST			0	0	0.00K	0.00K	Hail (2.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KANSAS, Southeast

Reno County

1 SW Arlington	19	1630CST 1631CST			0	0	0.00K	0.00K	Hail (2.00)
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Reno County

2 WNW Yoder	19	1635CST 1636CST			0	0	0.00K	0.00K	Hail (1.00)
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Kingman County

4 ENE Nashville	19	1638CST			0	0			
5 N Zenda		1652CST	5.7	50	0	0			Tornado (EF1)

Damage was noted to several outbuildings at the farmstead. The home received minimal damage.

Kingman County

6 ESE Penalosa	19	1640CST			0	0			
3 N Kingman Muni Arpt		1649CST	6.74	50	0	0			Tornado (EF0)

Minor damage to trees were noted.

Kingman County

4 WNW Cleveland	19	1644CST 1645CST			0	0	0.00K	0.00K	Hail (1.75)
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Kingman County

2 NW Zenda	19	1645CST			0	0			
4 NNW Spivey		1700CST	5.86	50	0	0			Tornado (EF0)

Touched down over open country.

Kingman County

3 WSW Kingman	19	1649CST 1651CST			0	0			
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Rope tornado that briefly touched down over open country.

Kingman County

1 E Kingman	19	1657CST 1658CST			0	0	0.00K	0.00K	Hail (1.75)
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Kingman County

2 NW Cleveland	19	1657CST 1702CST			0	0			
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The tornado moved over open country.

Kingman County

3 ESE Zenda	19	1702CST			0	0			
3 WSW Spivey		1706CST	1.35	50	0	0			Tornado (EF0)

A rope tornado moved across open country.

Kingman County

4 E Kingman Muni Arpt	19	1703CST 1704CST			0	0	0.00K	0.00K	Hail (3.00)
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Kingman County

1 N Spivey	19	1704CST 1705CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
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The gust was estimated up to 70 mph.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KANSAS, Southeast

Kingman County

5 E Kingman Muni Arpt	19	1706CST 1707CST			0	0	0.00K	0.00K	Hail (3.00)
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Kingman County

2 SW Spivey 1 WNW Rago	19	1712CST 1726CST	5.55	50	0	0			Tornado (EF0)
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Rope tornado moved across open country just missing Spivey and Rago.

Harper County

9 W Duquoin	19	1716CST 1730CST	5.3	100	0	0			Tornado (EF3)
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This strong tornado moved right through the middle of a wind farm. There were a total of 6 turbines that had all of the blades torn off and shredded to pieces. At the beginning of the track, a crane was toppled over. However, the wind speeds at the top of the crane were measured at 166 mph before falling.



Damage to a turbine at the wind farm along the Harper and Kingman county line.

Saline County

4 N Glendale	19	1720CST 1721CST			0	0	0.00K	0.00K	Hail (1.75)
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Rice County

1 NNW Sterling	19	1723CST 1724CST			0	0	0.00K	0.00K	Hail (1.00)
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Kingman County

1 S Rago	19	1727CST 1728CST			0	0	0.00K	0.00K	Hail (1.75)
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Kingman County

5 SSE Spivey 3 SSE Rago	19	1730CST 1746CST	4.42	75	0	0			Tornado (EF3)
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This is the tornado that moved out of Harper county and it continued to cause devastation to wind turbines, power lines, and oil tanks.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

KANSAS, Southeast

Harper County
3 NNE Attica
2 NW Harper

19	1733CST 1802CST	9.68	150	0	0			Tornado (EF3)
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Significant damage to two farmsteads. All outbuildings were completely destroyed and debris strewn in all directions. Home completely lost it's roof and was just off to the side of the main track. Most trees in the path had all stems except for the main trunk removed. Some debarking was noted but not much.



Damage to a farmstead. Several barns, buildings, and vehicles were destroyed.

Harper County
3 E Corwin

19	1749CST 1750CST			0	0	0.00K	0.00K	Hail (1.25)
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Harper County
1 W Attica

19	1749CST 1750CST			0	0	0.00K	0.00K	Hail (1.25)
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Harper County
3 E Corwin

19	1752CST 1753CST			0	0	0.00K	0.00K	Hail (1.50)
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Harper County
1 W Attica

19	1752CST 1753CST			0	0	0.00K	0.00K	Hail (1.50)
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Harper County
2 E Danville

19	1832CST 1833CST			0	0	0.00K	0.00K	Hail (1.50)
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Sedgwick County
5 SSE Derby

19	1926CST 1927CST			0	0	0.00K	0.00K	Hail (1.25)
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Butler County
Rose Hill

19	1928CST 1929CST			0	0	0.00K	0.00K	Hail (0.88)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KANSAS, Southeast

Sedgwick County (IAB) mcconnell Arpt

19	1930CST 1931CST				0	0	0.00K	0.00K	Thunderstorm Wind (57MG)
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Official measurement by wind equipment.
Note: The measured wind gust of 57 knots is equivalent to 66 mph.

Greenwood County 1 NNE Eureka Arpt

19	2047CST 2048CST				0	0	0.00K	0.00K	Thunderstorm Wind (70EG)
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Winds up to 80 mph were reported at Eureka city lake.
Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Cowley County 1 NNE Winfield

19	2048CST 2049CST				0	0	0.00K	0.00K	Hail (1.00)
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Greenwood County 1 S Severy

19	2056CST 2057CST				0	0	0.00K	0.00K	Hail (0.75)
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Greenwood County 1 S Severy

19	2057CST 2058CST				0	0	0.00K	0.00K	Hail (1.00)
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A significant tornado outbreak occurred across portions of Kingman and Harper counties. In all, nine tornadoes touched down on this day, the strongest being rated as and EF-3. Many other counties experienced large hail and strong winds.

Russell County 4 S Gorham

25	1748CST 1750CST	1.4	50		0	0			Tornado (EF0)
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Brief tornado touchdown in open country.

Russell County 6 S Gorham

25	1935CST 1937CST	0.62	50		0	0			Tornado (EF0)
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Brief touchdown over open country.

Russell County 7 NW Milberger 6 SW Russell

25	1944CST 1950CST	5.81	100		0	0			Tornado (EF0)
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The tornado moved over open country.

Russell County Gorham

25	1945CST 1946CST				0	0			Hail (1.25)
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Russell County 2 S Russell

25	2040CST 2044CST	0.17	150		0	0			Tornado (EF2)
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Tornado moved through a small housing area just to the south of Russell causing extensive damage to four homesteads.

Three tornadoes touched down in Russell county causing damage on the south side of town.

Russell County 1 S Russell

27	2040CST 2041CST				0	0			Hail (0.88)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

KANSAS, Southeast

Russell County

1 N Russell	27	2041CST 2042CST			0	0			Hail (1.00)
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Russell County

2 E (RSL)Russell Muni Ar	27	2043CST 2044CST			0	0	0.00K	0.00K	Hail (1.00)
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A small hail event was noted.

Montgomery County

4 N Liberty	28	2224CST 2225CST			0	0			Hail (1.00)
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Quarter-sized hail falling at the junction of Highways 160 and 169.

One lone thunderstorm over Montgomery County.

Sumner County

1 SSW Caldwell	29	1828CST 1829CST			0	0	0.00K	0.00K	Hail (1.00)
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Sedgwick County

2 SW Park City	29	2201CST 2202CST			0	0	0.00K	0.00K	Hail (1.00)
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Sedgwick County

1 N Valley Center	29	2209CST 2210CST			0	0	0.00K	0.00K	Hail (0.88)
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Sedgwick County

Park City	29	2216CST 2217CST			0	0	0.00K	0.00K	Hail (1.00)
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Marion County

1 SE Lincolnville	29	2217CST 2218CST			0	0	0.00K	0.00K	Hail (1.00)
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Sedgwick County

Kechi	29	2220CST 2221CST			0	0	0.00K	0.00K	Hail (0.75)
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Hail ranged from 0.75 to 1.00 inch in South-Central Kansas.

Russell County

1 N Russell	30	1445CST 1446CST			0	0	0.00K	0.00K	Hail (1.25)
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Lincoln County

1 SW Sylvan Grove	30	1507CST 1508CST			0	0	0.00K	0.00K	Hail (0.88)
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Russell County

2 E (RSL)Russell Muni Ar	30	1513CST 1514CST			0	0	0.00K	0.00K	Hail (1.75)
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Russell County

Milberger	30	1514CST 1515CST			0	0	0.00K	0.00K	Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
					Killed	Injured			
KANSAS, Southeast									
Lincoln County 6 S Sylvan Grove	30	1517CST 1518CST			0	0	0.00K	0.00K	Hail (2.00)
Sedgwick County Cheney	30	1540CST 1541CST			0	0	0.00K	0.00K	Hail (0.88)
Sedgwick County 3 NE Cheney	30	1543CST 1544CST			0	0	0.00K	0.00K	Hail (1.00)
Russell County 8 E Milberger	30	1544CST 1545CST			0	0	0.00K	0.00K	Hail (1.00)
Barton County 3 N Stickney	30	1550CST 1551CST			0	0	0.00K	0.00K	Hail (1.50)
Russell County 1 S Gorham	30	1556CST 1557CST			0	0	0.00K	0.00K	Hail (1.75)
Sedgwick County 5 ENE Goddard	30	1604CST 1605CST			0	0	0.00K	0.00K	Hail (0.88)
Sedgwick County 5 ENE Goddard	30	1607CST			0	0			Hail (1.25)
			Occurred just southwest of West 135th/Central intersection.						
Sedgwick County 4 WNW (ICT)Wichita Arpt	30	1609CST 1610CST			0	0	0.00K	0.00K	Hail (1.00)
Sedgwick County 3 NW (ICT)Wichita Arpt	30	1610CST 1611CST			0	0			Hail (1.00)
			Occurred at West 119th/Maple intersection.						
Sedgwick County 4 NW (ICT)Wichita Arpt	30	1611CST 1612CST			0	0	0.00K	0.00K	Hail (0.88)
Sedgwick County 4 S Maize	30	1611CST			0	0			Hail (1.75)
			Largest was golf ball-sized although was most were penny to nickel-sized.						
Sedgwick County 4 S Maize	30	1613CST 1614CST			0	0			Hail (0.88)
Sedgwick County 3 NE (ICT)Wichita Arpt	30	1619CST 1620CST			0	0	0.00K	0.00K	Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Southeast									
Sedgwick County 3 NNW (ICT)Wichita Arpt	30	1619CST			0	0			Hail (1.75)
									Occurred at Central/Tyler Intersection.
Sedgwick County 3 WSW Wichita	30	1619CST 1620CST			0	0			Hail (2.00)
									Occurred 1 mile west of Cow Town.
Sedgwick County 3 NE (ICT)Wichita Arpt	30	1621CST			0	0			Hail (2.00)
									Occurred at Maple/West Street intersection.
Mepherson County Marquette	30	1622CST 1623CST			0	0	0.00K	0.00K	Hail (0.88)
Sedgwick County 1 WSW Wichita	30	1622CST			0	0			Hail (1.00)
									Occurred at 800 North Main Street in downtown Wichita.
Ellsworth County 7 NNE Kanopolis	30	1623CST 1624CST			0	0	0.00K	0.00K	Hail (1.00)
Sedgwick County 1 W (ICT)Wichita Arpt	30	1623CST 1624CST			0	0			Hail (0.88)
									Occurred at National Weather Service.
Sedgwick County 3 S Maize	30	1623CST 1624CST			0	0	0.00K	0.00K	Hail (1.00)
Sedgwick County 4 W Wichita	30	1628CST			0	0			Hail (1.50)
									Near I-235 and Zoo Blvd.
Sedgwick County 4 S Maize	30	1630CST			0	0			Hail (1.00)
									Reported by off-duty NWS employee near NW 21st and Maize Rd.
Sedgwick County 3 W Wichita	30	1633CST			0	0			Hail (1.25)
									Occurred at W. 13th/West Street intersection.
Sedgwick County 2 NE (IAB) mcconnell Arpt	30	1635CST 1637CST			0	0	3.75K		Hail (1.75)
									Spotter reported minor damage to vehicles and small plants. Duration about 2 minutes.
Sedgwick County 1 SW Wichita	30	1635CST			0	0			Hail (1.00)
									Occurred at Emergency Operations Center.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Southeast									
Sedgwick County 2 ESE Wichita	30	1636CST			0	0			Hail (1.75)
			Occurred at Hillside/Douglas intersection.						
Sedgwick County 2 NW Wichita	30	1636CST 1637CST			0	0	0.00K	0.00K	Hail (1.50)
Harvey County 1 S Annelly	30	1637CST 1638CST			0	0	0.00K	0.00K	Hail (0.88)
Mcpherson County 1 E Mc Pherson	30	1639CST 1640CST			0	0	0.00K	0.00K	Hail (2.00)
Harvey County 2 ESE Annelly	30	1640CST 1641CST			0	0			Hail (1.00)
Rice County Lyons	30	1640CST 1641CST			0	0	0.00K	0.00K	Hail (0.88)
Mcpherson County 1 E Mc Pherson	30	1641CST 1642CST			0	0	0.00K	0.00K	Hail (1.50)
Saline County 1 ENE Bridgeport	30	1644CST 1645CST			0	0	0.00K	5.00K	Lightning
			Caused a grass fire at Lapsey and Woodward.						
Sedgwick County 3 SE Haysville	30	1647CST			0	0	1.00K		Hail (0.88)
			Occurred with very heavy rains. Some minor damage to a few cars parked at Genesis Health Club in Northeast Wichita.						
Barton County 4 NW Galatia	30	1650CST 1651CST			0	0			Hail (1.75)
			Mainly pea-sized but a few golf ball-sized.						
Mcpherson County 5 S Marquette	30	1650CST 1651CST			0	0	0.00K	0.00K	Hail (1.00)
Sedgwick County 3 ESE Eastborough	30	1650CST 1651CST			0	0			Hail (1.00)
			Occurred at Greenwich/Kellogg intersection.						
Sedgwick County 3 SE Wichita	30	1650CST 1651CST			0	0			Hail (1.00)
			Occurred at Lincoln/Hillside intersection.						

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Southeast									
Sedgwick County 2 ESE Wichita	30	1653CST 1654CST			0	0			Hail (1.25)
									Occurred at Douglas/Hillside intersection.
Sedgwick County 1 NNW Oaklawn	30	1657CST 1658CST			0	0			Hail (0.88)
									Occurred at Pawnee/Broadway intersection.
Sedgwick County (IAB) mcconnell Arpt	30	1657CST 1658CST			0	0			Hail (1.25)
Sedgwick County 2 ESE Wichita	30	1700CST 1701CST			0	0			Hail (2.00)
									Occurred near Douglas/Hillside intersection. Diameters ranged from 1.5 to 2 inches.
Sedgwick County 2 SE Wichita	30	1701CST 1702CST			0	0			Hail (1.25)
									Occurred near Hillside/East Kellogg intersection.
Sedgwick County 2 SE Eastborough	30	1707CST 1708CST			0	0	1.25K		Hail (1.25)
									Quarter to half dollar-sized with minor damage to cars.
Butler County 5 S Andover	30	1710CST 1711CST			0	0			Hail (1.75)
									Occurred on Butler Rd.
Sedgwick County 1 S Eastborough	30	1710CST 1711CST			0	0			Hail (1.25)
									Occurred near Central/Rock Rd. intersection.
Reno County 1 NE Hutchinson	30	1714CST 1715CST			0	0	0.00K	0.00K	Hail (1.75)
Sedgwick County 3 SE (AAO) jabara Arpt	30	1716CST 1721CST			0	0	1.50K	0.50K	Thunderstorm Wind (61EG)
									Slide was blown off wooden play set and trampoline was wrapped around a neighbor's fence. Also reported tree damage.
									Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Butler County 3 S Andover	30	1717CST 1718CST			0	0			Hail (1.50)
									Occurred at Kellogg/Andover Rd. intersection.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
KANSAS, Southeast									
Sedgwick County 3 NE (IAB) mcconnell Arpt	30	1717CST 1718CST			0	0	0.00K	0.00K	Hail (1.75)
Butler County 2 SSW Andover	30	1720CST 1721CST			0	0	0.00K	0.00K	Hail (1.00)
Barton County 1 E Hoisington	30	1731CST 1732CST			0	0	0.00K	0.00K	Hail (0.88)
Barton County 4 E Hoisington	30	1732CST 1733CST			0	0			Thunderstorm Wind (52EG)
									No damage reported. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Mcpheerson County Inman	30	1735CST 1815CST			0	0			Hail (1.75)
									Measured 1.75 inches in diameter and 1 inch thick. Time of occurrence estimated from Doppler.
Mcpheerson County 2 SSW Inman	30	1736CST 1737CST			0	0			Hail (1.00)
									Covered ground.
Barton County 4 E Hoisington	30	1737CST 1738CST			0	0			Hail (0.88)
									Occurred near Redwing via KWCH storm chaser.
Butler County 1 NW Augusta	30	1739CST 1740CST			0	0			Hail (1.25)
									Occurred on Highway 54.
Butler County 1 NNE Augusta	30	1743CST 1745CST			0	0			Hail (1.75)
									Ranged from 1.00 inch to 1.75 inches.
Mcpheerson County Moundridge	30	1752CST 1753CST			0	0	25.00K	10.00K	Thunderstorm Wind (61EG)
									Major tree damage throughout city with downed power poles and power lines. Power out across town. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Butler County 4 NNE Haverhill	30	1759CST 1800CST			0	0	0.00K	0.00K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Southeast									
Reno County 1 W Nickerson	30	1759CST 1800CST			0	0			Thunderstorm Wind (52EG)
		Speeds ranged from 50 to 60 mph. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.							
Reno County 1 NNE Hutchinson	30	1802CST 1803CST			0	0			Thunderstorm Wind (52EG)
		On north side of town. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.							
Reno County 1 N Buhler	30	1803CST 1804CST			0	0			Thunderstorm Wind (52EG)
		No damage reported. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.							
Reno County 1 E Hutchinson	30	1803CST 1807CST			0	0	30.00K		Thunderstorm Wind (52EG)
		Downed power lines and power poles. Much of Hutchinson without power. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.							
Reno County 1 NW Hutchinson	30	1803CST 1804CST			0	0			Thunderstorm Wind (52EG)
		Occurred near 23rd and Main Street at Fire Station Number 2. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.							
Butler County 1 N Leon	30	1806CST 1807CST			0	0			Hail (1.00)
		Occurred 1 mile north of Leon on Bluestem Rd.							
Reno County 2 N Hutchinson	30	1807CST 1808CST			0	0			Thunderstorm Wind (52EG)
		No reports of damage. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.							
Sedgwick County Park City	30	1810CST 1813CST			0	0	50.00K	10.00K	Thunderstorm Wind (65EG)
		Seven trees snapped at their bases and/or uprooted with largest tree possessing a 2-foot diameter trunk. Trailer park heavily damaged with downed limbs in many places. Note: The estimated wind gust of 65 knots is equivalent to 75 mph.							
Butler County 1 N Leon	30	1825CST 1826CST			0	0	0.00K	0.00K	Hail (1.00)
Harvey County 1 N Hesston	30	1827CST 1828CST			0	0	5.50K		Thunderstorm Wind (52EG)
		Downed 3-inch diameter limbs. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.							

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Southeast									
Harvey County 1 SSE Newton	30	1828CST 1829CST			0	0	0.00K	0.00K	Hail (1.00)
Harvey County 1 SW Newton	30	1828CST 1829CST			0	0			Thunderstorm Wind (52EG)
									Downed small branches. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Harvey County 1 SE Newton	30	1828CST 1829CST			0	0		3.25K	Thunderstorm Wind (61EG)
									A few trees uprooted along with numerous downed branches. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Sedgwick County 1 E Mt Hope	30	1838CST 1839CST			0	0			Hail (1.75)
Sedgwick County 1 E Mt Hope	30	1838CST 1839CST			0	0			Thunderstorm Wind (52EG)
									Occurred simultaneously with golf ball-sized hail, but no damage reported. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Sedgwick County Cheney	30	1840CST 1841CST			0	0			Thunderstorm Wind (52EG)
									Reported power outages in Cheney. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Harvey County Sedgwick	30	1844CST 1845CST			0	0		5.00K	Thunderstorm Wind (61EG)
									Downed numerous tree limbs. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Sedgwick County 4 S Maize	30	1850CST 1851CST			0	0			Thunderstorm Wind (61EG)
									Off-duty NWS employee reported no damage. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Butler County Elbing	30	1851CST 1852CST			0	0			Thunderstorm Wind (61EG)
									No damage reported. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Sedgwick County 1 N Valley Center	30	1852CST 1853CST			0	0			Thunderstorm Wind (52EG)
									No damage reported. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KANSAS, Southeast

Butler County

1 NE Benton

30	1855CST 1856CST				0	0	0.00K	0.00K	Hail (1.00)
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Sedgwick County

3 WSW Park City

30	1856CST 1857CST				0	0			Thunderstorm Wind (52EG)
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No damage reported.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Sedgwick County

4 SSW Maize

30	1858CST 1859CST				0	0			Thunderstorm Wind (52EG)
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No damage reported.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Butler County

2 SSW Andover

30	1901CST 1902CST				0	0	5.00K		Thunderstorm Wind (61EG)
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Carport blown into a tree near Central Ave. and Andover Rd.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Sedgwick County

3 S Maize

30	1903CST 1904CST				0	0			Thunderstorm Wind (61EG)
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Off-duty NWS employee reported speeds ranging from 60-70 mph.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Sedgwick County

(IAB) mcconnell Arpt

30	1906CST 1907CST				0	0			Thunderstorm Wind (50MG)
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No damage reported.

Note: The measured wind gust of 50 knots is equivalent to 58 mph.

Sedgwick County

1 E Oaklawn

30	1908CST 1909CST				0	0			Thunderstorm Wind (52EG)
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Occurred near S. 45th St./K-15 intersection. No damage reported.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Sedgwick County

(AAO) jabara Arpt

30	1912CST				0	0			Thunderstorm Wind (54MG)
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Occurred at Jabarra Airport.

Note: The measured wind gust of 54 knots is equivalent to 62 mph.

Sedgwick County

1 N Clearwater

30	1913CST				0	0			Thunderstorm Wind (56EG)
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No damage reported.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Sedgwick County

(IAB) mcconnell Arpt

30	1913CST				0	0			Thunderstorm Wind (51MG)
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Measured just southeast of McConnell Air Force Base.

Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Southeast									
Butler County 2 SSW Andover	30	1914CST			0	0			Thunderstorm Wind (61EG)
									Andover Fire Department reported 60 to 70 mph winds. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Butler County 1 N Rose Hill	30	1914CST			0	0			Thunderstorm Wind (61EG)
									No damage reported. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Butler County 4 N Benton	30	1918CST			0	0			Thunderstorm Wind (61EG)
									No damage reported. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Butler County Rose Hill	30	1930CST 1931CST			0	0	0.50K	2.00K	Thunderstorm Wind (61EG)
									Downed 8-inch diameter limbs as well as a large sign. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Sumner County 3 ESE Belle Plaine	30	1933CST			0	0			Thunderstorm Wind (56EG)
									No damage reported. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.
Butler County 2 NNE Douglass	30	1935CST			0	0			Thunderstorm Wind (55MG)
									No damage reported. Note: The measured wind gust of 55 knots is equivalent to 63 mph.
Sedgwick County 4 SSW (ICT)Wichita Arpt	30	1939CST 1940CST			0	0	25.00K		Thunderstorm Wind (65EG)
									Fire department reports 1.5 miles of power poles snapped along 55th St. South between Maize and Tyler Rds. Note: The estimated wind gust of 65 knots is equivalent to 75 mph.
Butler County 1 ESE Leon	30	1950CST			0	0			Thunderstorm Wind (52EG)
									No damage reported. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Harper County 3 SW Duquoin	30	2013CST			0	0			Hail (1.00)
									Occurred at NW 40th Ave./NW 150th Rd. intersection.
Cowley County 2 SSE Arkansas City	30	2050CST			0	0			Hail (0.75)
									Duration about 30 seconds.
Mepherson County Inman	30	2300CST			0	0	0.00K	0.00K	Heavy Rain
									Measured 4.35 inches total rainfall. estimated time per Doppler.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KANSAS, Southeast

Sedgwick County 1 SSW Eastborough

30	2320CST				0	0	0.00K	0.00K	Heavy Rain
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Measured 3.41 inches total rainfall. Estimated time per Doppler.

Prolific hail-producing severe thunderstorms broke out over Central and South-Central Kansas.

KANSAS, Southwest

Trego County 5 ENE Wakeeney

02	1801CST				0	0			Hail (2.50)
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Trego County 10 NNE Ogallah

02	1827CST				0	0			Hail (1.25)
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An isolated severe thunderstorm developed in northeast Trego county during the evening.

Comanche County 5 N Coldwater

03	2255CST				0	0			Hail (1.50)
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Pratt County Sawyer

03	2256CST				0	0			Hail (1.75)
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Pratt County Sawyer

03	2310CST				0	0			Hail (1.25)
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Pratt County 4 S Cairo

03	2335CST				0	0			Hail (1.00)
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A weak upper level disturbance and jet streak dynamics helped to produce a few severe thunderstorms late in the evening and early overnight hours.

Gray County 1 W Montezuma

17	1747CST				0	0			Thunderstorm Wind (61EG)
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Several large tree limbs 3 to 4 inches in diameter were blown out of a tree line. The observer indicated it appeared to be a gustnado that moved through along the leading edge of the strong wind.

Wind damage likely caused by a gustnado occurred during the evening near Montezuma. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Stafford County 2 NNW Dillwyn

19	1436CST				0	0			Hail (1.00)
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Stafford County 3 WNW Stafford Arpt

19	1450CST				0	0			Hail (2.50)
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Stafford County 3 W Leesburg

19	1459CST				0	0			Hail (1.00)
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Stafford County 3 NNW Stafford Arpt

19	1505CST				0	0			Hail (1.00)
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Stafford County 2 SE Bedford Station

19	1507CST				0	0			Hail (1.50)
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Stafford County Zenith

19	1522CST				0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Southwest									
Stafford County 3 WNW Zenith	19	1522CST			0	0			Hail (1.00)
Stafford County Zenith	19	1523CST			0	0			Hail (1.75)
Stafford County 3 ESE Stafford	19	1527CST			0	0			Hail (2.00)
Stafford County 2 NW Zenith	19	1531CST			0	0			Hail (1.75)
Barber County 2 ENE Hazelton	19	1718CST			0	0			Hail (0.75)
Severe thunderstorms developed late in the afternoon as an upper level short wave moved across the area.									
Stanton County Johnson	21	1845CST			0	0			Hail (0.88)
Stanton County Johnson	21	1850CST			0	0			Hail (1.00)
Stanton County Johnson	21	1857CST			0	0			Hail (1.75)
An isolated thunderstorm moved out of Colorado and produced severe hail in Stanton county.									
Hamilton County 13 NNE Coolidge	23	2045MST			0	0			Hail (0.75)
The hail was mostly pea sized. A thunderstorm with near severe hail occurred along a cold front in Hamilton county.									
Ellis County 4 SW Antonino	25	1805CST			0	0			Hail (1.00)
Ness County 1 W Bazine	25	1816CST			0	0			Hail (1.00)
Ness County 1 W Bazine	25	1825CST			0	0			Hail (1.00)
Rush County 3 E Mc Cracken	25	1841CST			0	0			Hail (1.00)
Ness County 6 NNW Bazine	25	1853CST			0	0			Hail (1.00)
Ness County 8 NNE Bazine	25	1906CST			0	0			Hail (1.25)
Rush County 3 E Mc Cracken	25	1941CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KANSAS, Southwest									
Rush County 4 E Mc Cracken	25	2015CST			0	0			Hail (1.75)
Ellis County 4 W Schoenchen	25	2026CST			0	0			Hail (1.00)
Ellis County 3 ESE Hays Philip Ranch Ar	25	2147CST			0	0			Hail (1.00)
Ellis County 3 ESE Hays Philip Ranch Ar	25	2247CST			0	0			Hail (1.00)
A warm front lifting north under very cold temperatures aloft was the focus of severe thunderstorms during the late afternoon and evening. Tornadoes produced scattered damage.									
Meade County 4 W Fowler	26	1540CST			0	0			Hail (1.00)
Ford County 8 NNW (DDC)Dodge City Arpt	26	1608CST			0	0			Thunderstorm Wind (52EG)
Winds were estimated to be gusting to 60 MPH. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Ness County 1 W Ness City	26	1653CST			0	0			Thunderstorm Wind (70EG)
A large tree was blown down and power poles snapped in Ness City. Note: The estimated wind gust of 70 knots is equivalent to 81 mph.									
Ness County 5 SE Ransom	26	1702CST			0	0			Thunderstorm Wind (56EG)
Winds were estimated to be gusting to 65 MPH. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Trego County 7 NNE Cedar Bluff Res	26	1725CST			0	0			Hail (0.88)
Winds were estimated to be 80 MPH as the hail fell.									
Trego County 7 NNE Cedar Bluff Res	26	1725CST			0	0			Thunderstorm Wind (70EG)
Nickel sized hail also occurred with the high wind. Note: The estimated wind gust of 70 knots is equivalent to 81 mph.									
Hamilton County 10 N Medway	26	1910MST			0	0			Thunderstorm Wind (52EG)
Winds were estimated to be 60 MPH. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
KSZ043 Scott	27	0010CST			0	0			High Wind
Another warm front and jet streak interaction helped to produce severe weather for the second day in a row.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KENTUCKY, Central

Ohio County

1 NNW Ralph

01 1223CST 0 0 0.00K 0.00K Hail (1.00)

Breckinridge County

Custer

01 1336CST 0 0 0.00K 0.00K Hail (1.00)

Washington County

2 NE St Catherine

01 1459EST 0 0 0.00K 0.00K Hail (1.00)

Bullitt County

3 WSW Bardstown Jct

01 1540EST 0 0 0.00K 0.00K Thunderstorm Wind (52EG)

Bullitt County Emergency Management reported a tree down across a roadway 5 miles south of Shepherdsville.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Trimble County

1 SE Mt Pleasant

1 SSW Hisle

01 1545EST 1.86 15 0 0 25.00K 0.00K Tornado (EF0)

A weak tornado touched down along Mount Pleasant Road to the northwest of Bedford. It snapped the tops off of several trees along a very narrow path. Witnessed by the occupants of a mobile home, it toppled a tree in their yard, crushing a pickup truck. After traveling just under 2 miles the twister lifted near the intersection of Mount Pleasant Road and State Highway 421.

Trimble County

1 E Leeport

01 1551EST 0 0 15.00K 0.00K Thunderstorm Wind (65EG)

A storm survey associated with an EF-0 tornado just northwest of Bedford uncovered outflow wind damage 4.5 miles north-northeast of where the west-to-east-tracking tornado had lifted. Winds estimated at 75 mph tore the well constructed roof off of a barn.

A warm front moved north of the Ohio River and was positioned across central Indiana and southern Ohio by late afternoon. Although Kentucky was somewhat capped, isolated severe storms developed during the afternoon and evening of May 1st. One supercell developed across southern Jefferson County, Indiana by late afternoon. This storm brought a weak tornado to Trimble County, Kentucky after it moved east over the Ohio River. Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Nelson County

1 SE Bourbon Spgs

04 1630EST 0 0 0.00K 0.00K Thunderstorm Wind (52EG)

A spotter reported many large branches downed. He estimated a peak wind gust of 60 mph.

A bow echo weakened as it approached the Ohio River just west of Louisville, sparing the crowd of more than 100,000 assembled at Churchill Downs for the running of the Kentucky Oaks. However, the southern edge of this short convective line remained strong and brought an isolated damaging wind gust to Nelson County. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Ohio County

2 SSE Magan

05 0128CST 0 0 0.00K 0.00K Thunderstorm Wind (52EG)

Local law enforcement just north of Dundee reported several trees down along State Highway 1414, Taffy Road, and Friendship Road.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Grayson County

1 E Leitchfield

05 0203CST 0 0 10.00K 0.00K Thunderstorm Wind (56EG)

Local law enforcement reported several trees down near Leitchfield. In addition, they reported several windows shattered. Other unofficial reports from the public mentioned damage to yard furniture, gutters, and playground equipment.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Barren County

3 SSE Cave City

05 0240CST 0 0 5.00K 0.00K Thunderstorm Wind (56EG)

Thunderstorm winds damaged the roofs of a trailer and a barn on Wilson Road southeast of Cave City.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KENTUCKY, Central

Barren County

**2 E Glasgow
1 E Cave City**

05	0244CST 0300CST				0	0	200.00K	0.00K	Thunderstorm Wind (61EG)
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A survey by a National Weather Service employee found a path of straight line damage associated with a series of microbursts that began just east of Cave City, and ended 5 miles southeast of Glasgow. Numerous trees were downed along a path roughly 14 miles long. A lumber warehouse shed was destroyed by estimated 70 mph winds along State Highway 31E in Glasgow. In addition, local media reported several 25 to 30 foot trees downed in the Green Valley subdivision of Glasgow along Burkesville Road. A tree was downed on Rosewood Road. Local emergency management reported at least 75 trees were downed from central Barren County eastwards. A house's siding was damaged nearby on Davis Street just east of Glasgow. The county emergency manager eventually recorded several dozen damaged barns and homes overall.

An extensive line of storms developed across southern Indiana during the evening hours on May 4th. This line, associated with very heavy rain and gusty winds up to 40 mph, sagged southeast across northern Kentucky east of Louisville and the Bluegrass Region just after midnight on the 5th. Along the western end of this initial line, additional storms developed across southern Indiana and northern Kentucky along the Ohio River. Some of these storms trained along the same path, bringing very heavy rain to Meade, Hardin, and northern LaRue counties. A portion of the line bowed out and brought extensive damage to trees and homes near Leitchfield, in Grayson County, and Glasgow, in Barren County. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Meade County

2 NE Sirocco

29	0722EST				0	0	25.00K	0.00K	Thunderstorm Wind (55EG)
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A spotter reported that trees had fallen on two homes near the intersection of Kentucky State Highway 144 and Sirocco Road. He mentioned that two barns were damaged as well.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Meade County

1 E Doe Vly Estates

29	0730EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A NWS employee reported trees were down along Kentucky State Highway 1638 close to the Doe Valley subdivision.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Jefferson County

1 W Audubon Park

29	0805EST				0	0	5.00K	0.00K	Flash Flood
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Flooding briefly closed Central Ave near the University of Louisville.

Jefferson County

2 SE Louisville

29	0805EST				0	0	20.00K	0.00K	Flash Flood
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The University of Louisville Emergency Manager reported that several buildings on campus sustained minor damage from water entering the lowest floor levels of the buildings.

Jefferson County

1 E St Dennis

29	0806EST				0	0	0.00K	0.00K	Flash Flood
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Local media reported flooding along Cane Run Road between Algonquin Parkway and Bells Lane.

Jefferson County

1 ESE Louisville

29	0822EST				0	0	5.00K	0.00K	Flash Flood
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The Louisville Fire Department conducted a water rescue at the Hill Street underpass at 7th Street.

Jefferson County

1 E Louisville

29	0831EST				0	0	5.00K	0.00K	Flash Flood
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The local Fire Department conducted a water rescue at the intersection of 9th and Magnolia.

Jefferson County

1 NW Highlands

29	0834EST				0	0	5.00K	0.00K	Flash Flood
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Flooding on Lexington Road stalled several cars.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KENTUCKY, Central									
Jefferson County 1 SSE St Dennis	29	0838EST			0	0	0.00K	0.00K	Heavy Rain
Three and one half inches of rain was measured in less than 3 hours at the Louisville Metropolitan Sewer District rain guage.									
Jefferson County 1 SSW (LOU)Bowman Fld Loui 1 SSE Highlands	29	0904EST			0	0	0.00K	0.00K	Flash Flood
The local fire department conducted a water rescue at the corner of Lowell Avenue and Tyler Lane.									
Jefferson County 1 NNW Audubon Park	29	0912EST			0	0	0.00K	0.00K	Heavy Rain
A National Weather Service employee measured 3.67 inches of rain in less than 3 hours at the Highlands, a subdivision of Louisville.									
Meade County 1 W Brandenburg	29	0945EST			0	0	0.00K	0.00K	Hail (1.00)
Scattered early morning convection developed across southern Indiana and Kentucky ahead of a weak cold front sagging south across central Indiana. The combination of a low level jet and relatively weak upper level winds lead to slow moving storms that brought excessive rains and flooding across Louisville and Meade County. Three to locally as much as four inches of rain fell within three hours across an area extending from west of Fort Knox through southwestern and central Louisville through eastern Jefferson County. Many streets flooded, prompting several water rescues from stranded automobiles. Several buildings of the University of Louisville were flooded. Isolated wind damage and large hail was also reported with these stronger storms.									
Hancock County 1 SSW Hawesville	31	1533CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
The Hancock emergency manager reported three trees downed across the county. One fell across Midway Lane in Hawesville.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Breckinridge County 1 S Union Star	31	1601CST			0	0	0.00K	0.00K	Hail (1.00)
One inch hail was reported between the towns of Sample and Union Star.									
Breckinridge County Irvington	31	1618CST			0	0	0.00K	0.00K	Hail (1.00)
Ohio County Rosine	31	1642CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Local broadcast media reported a tree down across the Western Kentucky Parkway near Pea Ridge Road.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Meade County Battletown	31	1707EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
The local media reported that a six inch diameter branch was snapped by thunderstorm winds.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Bullitt County Mt Washington	31	1817EST			0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
A spotter measured a 58 mph wind gust and witnessed one half inch hail in Mount Washington.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KENTUCKY, Central

A disturbance moving across southern Missouri aided in the formation of weak low pressure across southern Illinois during the afternoon of May 31st. This low deepened as it tracked eastward along the Ohio River during the evening hours. Ahead of this low, a warm front moved north across central Kentucky during the mid afternoon hours. A high precipitation supercell developed near Evansville, Indiana along the boundary of the retreating warm front. During the late afternoon hours, this storm morphed into a bow echo as it move east, bringing marginally severe hail and isolated wind damage to several counties south and west of Louisville. Note: The measured wind gust of 50 knots is equivalent to 58 mph.

KENTUCKY, Eastern

Magoffin County

1 E Salyersville

01	2047EST				0	0			Hail (1.00)
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There was quarter size hail and strong winds reported.

Magoffin County

Royalton

01	2047EST				0	0			Hail (1.00)
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Quarter size hail was reported near Royalton on KY 7. The emergency crews reported wind gusts so strong that they had to pull the car off the road.

A stalled warm frontal boundary coupled with a weak wave overhead helped to spawn a few strong pulse thunderstorms. Two thunderstorms were warned on and one of the storms produced quarter sized hail.

Powell County

1 W Natural Bridge

21	1318EST				0	0	0.00K	0.00K	Heavy Rain
	1348EST								

An IFLOWS gage measured 1.93 inches of rainfall in a 30 minute period in the Natural Bridge State Park.

Montgomery County

2 E Camargo

21	1334EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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Tree limbs were blown down that were 2 to 3 inches in diameter.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Powell County

1 W Natural Bridge

21	1336EST				0	0	0.00K	0.00K	Hail (1.00)
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Powell County

**1 SW Slade
1 NE Natural Bridge**

21	1430EST				0	0	0.00K	0.00K	Flash Flood
	1530EST								

Two roads in the Natural Bridge State Resort Park were closed due to high water.

Whitley County

1 E Nevisdale

21	1545EST				0	0	0.00K	0.00K	Heavy Rain
	1845EST								

Storm total rainfall was 1.88 inches. Light rain was falling at the time of the observation.

Fleming County

2 W Locust

21	1637EST				0	0	0.00K	0.00K	Flash Flood
	1725EST								

Locust Creek rose beyond its banks and stranded people near South Lick Rd.

Isolated to scattered strong to severe thunderstorms produced isolated incidences of large hail, damaging winds, and flash flooding across portions of Eastern Kentucky on May 21st.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KENTUCKY, Northern

Carroll County 3 E Carrollton	01	1605EST 1609EST			0	0			Hail (1.00)
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Carroll County 4 W Sanders	01	1617EST 1621EST			0	0			Hail (2.50)
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Gallatin County Sparta	01	1620EST 1624EST			0	0	20.00K		Hail (2.75)
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Hail damage occurred to cars and broke a sky light.

Gallatin County 3 SE Warsaw	01	1633EST 1637EST			0	0			Hail (2.50)
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Grant County 3 N Dry Ridge	01	1651EST 1655EST			0	0			Hail (1.00)
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A warm front lifting across the Ohio Valley during the morning brought into the area a very unstable airmass. Numerous thunderstorms developed during the afternoon and evening. The environment was favorable for large hail and damaging winds. However, a few boundaries helped to produce localized favorable conditions for tornadoes. In addition, some storms occurred repeatedly over the same areas, causing an increased risk for flash flooding and flooding to occur.

KENTUCKY, Southwest

Daviess County Andersonville	05	0140CST			0	0	0.00K	0.00K	Hail (0.75)
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Elevated thunderstorms increased in coverage and intensity in association with warm air arriving on the leading edge of a 35-knot southwesterly low level jet. The southwesterly winds brought very unstable air, supporting isolated hail up to dime size in the strongest storms. Late at night, the storms spread east-southeast and grew into a cluster.

Ballard County Wickliffe	05	2006CST			0	0	0.00K	0.00K	Hail (0.88)
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Carlisle County 2 W Cunningham	05	2100CST			0	0	0.00K	0.00K	Hail (0.75)
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Carlisle County 2 SSE Cunningham	05	2105CST			0	0	0.00K	0.00K	Hail (1.50)
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Ping-pong ball size hail was reported on Highway 307.

Graves County Fancy Farm	05	2146CST			0	0	0.00K	0.00K	Hail (1.00)
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Graves County Wingo	05	2148CST 2154CST			0	0	0.00K	0.00K	Hail (0.88)
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Graves County Mayfield	05	2153CST			0	0	0.00K	0.00K	Hail (1.00)
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Calloway County 3 SSW Lynn Grove	05	2257CST			0	0	0.00K	0.00K	Hail (0.88)
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Scattered thunderstorms formed along a warm front that extended from central Missouri into western Kentucky. A few of these storms produced large hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KENTUCKY, Southwest

KYZ001>018

Ballard - Caldwell - Calloway - Carlisle - Christian - Crittenden - Fulton - Graves - Henderson - Hickman - Hopkins - Livingston - Lyon - Marshall - McCracken - Trigg - Union - Webster

12	0000CST								
31	2359CST				0	0	0.00K	0.00K	Drought

One of the warmest and driest Mays on record worsened the rare spring drought over western Kentucky. At Paducah, spring of 2012 was the driest spring on record. Only 4.95 inches of rain fell from March through May. The month of May was the driest on record. Only 0.39 inch fell at Paducah in May. By the end of May, severe drought conditions existed across most of western Kentucky. The exception was from Owensboro southward across Greenville to Elkton, where the drought did not officially start until June. Soils continued to dry out, and topsoil moisture deficits began to be reported. Outdoor burning was banned in Crittenden and Henderson Counties. Streamflows were running below normal by the end of the month. Flows in the Tradewater River (at the Olney river gage) and Massac Creek (near Paducah) reached record lows for this time of year. Lake George, which is the drinking water supply for Marion, was five feet below normal.

Calloway County Murray Arpt

20	1750CST								
	1800CST				0	0	0.00K	0.00K	Hail (0.75)

Calloway County 2 WNW Murray Arpt Penny

20	1750CST								
	1800CST				0	0	5.00K	1.00K	Thunderstorm Wind (61EG)

About 100 tree limbs from two to eight inches in diameter were broken off. A few large trees were blown over. One house lost several shingles. A well house cover was blown away. Three storm windows were blown out. Corn one to two feet tall was blown over.

Clusters of thunderstorms developed across western Kentucky during the heat of the afternoon. The storms produced isolated damaging wind gusts in Calloway County. The storms formed ahead of a cold front that extended from southern Wisconsin southwest across central Missouri and eastern Oklahoma. Strong surface heating aided in the development of steep low-level lapse rates and moderate instability, with capes from 1500 to 2000 j/kg. In addition, a weak upper-level disturbance crossing southwest Missouri provided a trigger for storm initiation. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Christian County 1 N Hensleytown

21	1608CST								
					0	0	0.00K	0.00K	Hail (1.25)

The hail was reported on Interstate 24 at mile marker 89, which is at the junction of Highway 115.

Muhlenberg County Bremen

21	1610CST								
					0	0	0.00K	0.00K	Heavy Rain

Water was over a state road. The state highway department was called to assess the situation.

Isolated severe storms occurred along the back edge of a warm and humid air mass. The storms formed along and just ahead of an upper level disturbance as it exited western Kentucky.

Caldwell County Black Hawk

29	0429CST								
					0	0	0.00K	0.00K	Hail (0.75)

In addition to the hail, several tree limbs were broken by winds near 55 mph. The event occurred on Highway 139 east of Interstate 24.

Christian County Hopkinsville

29	0732CST								
					0	0	0.00K	0.00K	Hail (1.00)

Quarter-size hail fell on the south side of the city.

Isolated severe storms occurred ahead of a weak cold front as it crossed the Lower Ohio River Valley. The storms were aided by a 500 mb shortwave trough moving eastward across the Ozark Mountains of Missouri and Arkansas.

Lyon County Saratoga

29	1412CST								
					0	0	0.00K	0.00K	Hail (0.75)

The hail occurred near the junction of Highways 730 and 818.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KENTUCKY, Southwest

Trigg County 4 WSW Wallonia

29	1433CST				0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
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Trees were blown down near Interstate 24 in northern Trigg County.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Christian County Hopkinsville

29	1447CST				0	0	0.00K	0.00K	Hail (1.00)
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Todd County 3 S Trenton

29	1533CST				0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
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A few trees about a foot in diameter were blown down. Power lines and numerous large limbs were down. Corn in several cornfields was blown over at a 45 degree angle.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Christian County Pembroke

29	1535CST				0	0	0.00K	0.00K	Thunderstorm Wind (51MG)
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Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Christian County 1 NNW Hensleytown

29	1535CST				0	0	0.00K	0.00K	Thunderstorm Wind (63MG)
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A wind gust to 72 mph was measured at exit 89 on Interstate 24.

A short line of thunderstorms developed over western Kentucky along the western edge of moderate instability, where mixed layer capes were estimated from 1000 to 1500 j/kg. The storms were located along the axis of a mid-level shortwave. In addition, an axis of steep low-level lapse rates extended northward into western Kentucky, where surface dew points were approaching 70 degrees. This moisture along with moderate wind shear supported isolated damaging wind and hail events.

Note: The measured wind gust of 63 knots is equivalent to 72 mph.

Daviess County 1 W Yelvington

31	1500CST 1505CST				0	0	0.00K	0.00K	Hail (1.75)
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Webster County 2 S Dixon

31	1511CST				0	0	0.00K	0.00K	Hail (0.75)
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Daviess County Gatewood

31	1513CST				0	0	0.00K	0.00K	Hail (1.00)
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Graves County 2 S Mayfield

31	1544CST				0	0	0.00K	0.00K	Hail (0.75)
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Graves County 2 S Mayfield

31	1544CST				0	0	5.00K	0.00K	Thunderstorm Wind (56EG)
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Trees were blown down.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Daviess County 3 ENE Yelvington

31	1549CST				0	0	4.00K	0.00K	Thunderstorm Wind (56EG)
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Siding was blown off a house.

Storms developed and intensified along the leading edge of a pre-frontal boundary. The pre-frontal boundary was associated with the southern extent of an upper level disturbance moving across southern Illinois. With temperatures warming into the lower to mid 80's and dew points increasing to around 60...the air mass became marginally unstable with capes to 1000 j/kg. Despite marginal instability for late May, stronger winds aloft ahead of an approaching upper level disturbance promoted development of isolated strong to severe storms. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
LOUISIANA, Northeast									
East Carroll Parish Alsatia	07	1136CST			0	0	1.00K	0.00K	Thunderstorm Wind (40EG)
									Tree blown down along Sand Road. Note: The estimated wind gust of 40 knots is equivalent to 46 mph.
West Carroll Parish 3 WNW Epps	07	1155CST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
									Trees were blown down along Duckworth Road. An upper low over northern Alabama helped ignite a couple severe thunderstorms on the afternoon of May 7th. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Tensas Parish 2 SSE Tensas Bluff	20	1851CST			0	0	8.00K	0.00K	Thunderstorm Wind (50EG)
									Trees and power lines were blown down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Tensas Parish 1 NE Waterproof	21	1420CST			0	0	0.00K	0.00K	Hail (1.00)
Franklin Parish Ft Necessity	21	1555CST			0	0	0.00K	0.00K	Hail (1.00)
Franklin Parish 2 NNW Metropolis	21	1607CST			0	0	0.00K	0.00K	Thunderstorm Wind (53EG)
									Trees were down across a road. Note: The estimated wind gust of 53 knots is equivalent to 61 mph.
Madison Parish 1 E Mound	21	1609CST			0	0	0.00K	0.00K	Hail (1.00)
									The hail fell at the Vicksburg-Tallulah Regional Airport.
Morehouse Parish 3 ESE Oak Ridge	21	1740CST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Power lines were blown down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Richland Parish 2 ESE Bee Bayou	21	1758CST			0	0	0.00K	0.00K	Hail (1.00)
									The hail fell at the grocery store at the Bees Bayou exit off I-20.
Richland Parish 2 ESE Bee Bayou	21	1800CST			0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
									Trees and power lines were blown down in the area. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Franklin Parish 3 NNW Bakers	21	1820CST			0	0	0.00K	0.00K	Hail (1.50)
Franklin Parish 1 E Wisner	21	1925CST			0	0	0.00K	0.00K	Hail (1.00)
Catahoula Parish 2 NNW Foules	21	1948CST			0	0	40.00K	0.00K	Hail (1.50)
									Crops were damaged in the area by the hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
LOUISIANA, Northeast									
Catahoula Parish 2 NNW Foules	21	1948CST			0	0	9.00K	0.00K	Thunderstorm Wind (50EG)
A few trees and a couple of power poles were blown down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Concordia Parish 2 NE Clayton	21	2008CST			0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
Power poles were blown down on Highway 65 and 566. Scattered to numerous showers and thunderstorms developed during the afternoon of May 21st ahead of a weak cold front moving across the Deep South. Wind damage, large hail and some flash flooding all occurred as the activity moved across the region. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Franklin Parish 1 N Ft Necessity	30	1535CST			0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
A few power lines were blown down along Highway 128 near Fort Necessity. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Franklin Parish 2 N Longview	31	1037CST			0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
A few trees were blown down on Union Church Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Catahoula Parish 1 E Serena	31	1220CST			0	0	0.50K	0.00K	Hail (0.75)
Small limbs were also blown down in the area.									
Concordia Parish 1 E Concordia Jct	31	1255CST			0	0	20.00K	0.00K	Thunderstorm Wind (55EG)
Power lines were blown down in the area around Ferriday. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Tensas Parish 2 ENE Helena	31	1319CST			0	0	25.00K	0.00K	Thunderstorm Wind (50EG)
Power lines were blown down west southwest of St. Joseph. Over 2000 customers were without power. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Franklin Parish 3 ENE Winnsboro Muni Arpt	31	1335CST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down across the parish. A mesoscale convective system (MCS) began impacting the delta region of Mississippi around mid day on the 30th moving southeast across the region through the afternoon and into the evening hours. Widespread wind damage occurred with this activity, along with a few reports of large hail. Flash flooding impacted a few areas as well. On the 31st, widespread showers and thunderstorms developed along and west of the Mississippi River moving east through the afternoon and into the evening hours. Once again, widespread wind damage occurred as this activity passed. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
LOUISIANA, Northwest									
Webster Parish 1 S Cotton Vly	07	1900CST			0	0	0.00K	0.00K	Thunderstorm Wind (54EG)
Several trees were downed across the northern portion of Webster Parish. Note: The estimated wind gust of 54 knots is equivalent to 62 mph.									
Webster Parish Minden	07	1945CST			0	0	0.00K	0.00K	Thunderstorm Wind (54EG)
Trees were downed in Minden, Louisiana. Note: The estimated wind gust of 54 knots is equivalent to 62 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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LOUISIANA, Northwest

Bienville Parish 1 S Bienville

07	2030CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A tree was downed across the road in Bienville, Louisiana.

A very unstable airmass developed ahead of a cold front which moved through Northern Louisiana during the afternoon and evening hours of May 7th. While atmospheric wind shear was relatively weak, the extreme instability made up for the lack of shear. Multicell and supercell thunderstorms were the end result, some of which produced large hail initially but the storms quickly transitioned into damaging wind producing thunderstorms with numerous reports of wind damage received across Northern Louisiana. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

LAZ017

Sabine

11	0800CST				0	0	0.00K	0.00K	High Wind
	1000CST								

A strong upper level trough moved across Southeast Texas and Southwest Louisiana during the predawn hours of May 11th. A line of thunderstorms pushed well off the coast of Southeast Texas and Southwest Louisiana by sunrise. A wake low developed in the wake of the convection across the southern half of Northeast Texas and West Central Louisiana near the vicinity of the Toledo Bend Reservoir. Residents near the lake estimated winds near 60 mph which caused some wind damage in and around the reservoir.

Union Parish Farmerville

21	1830CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail covered the ground on the north side of Farmerville, Louisiana.

A weak shortwave moved south out of Northeast Arkansas and Northwest Mississippi during the afternoon and evening hours of May 21st. Isolated strong thunderstorms developed across South Central Arkansas and North Central Louisiana during the evening hours of May 21st. One of these storms became severe producing large hail in Union Parish Louisiana.

Grant Parish 1 SE Montgomery

31	1058CST				0	0	0.00K	0.00K	Thunderstorm Wind (54EG)
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Trees were downed in western Grant Parish near Montgomery, Louisiana.

Note: The estimated wind gust of 54 knots is equivalent to 62 mph.

Grant Parish Dry Prong

31	1135CST				0	0	0.00K	0.00K	Thunderstorm Wind (53EG)
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Deputies in the area reported a downed tree across a roadway in Dry Prong, Louisiana.

Note: The estimated wind gust of 53 knots is equivalent to 61 mph.

La Salle Parish 1 N Jena

31	1224CST				0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
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A large tree limb was downed on a car on Azalea street in Jena, Louisiana. There were no reports of injuries.

A weak cold front extended west to east across Northeast Texas into Southwest Arkansas. Meanwhile, an upper level disturbance was parked across the region. Late morning and afternoon heating resulted in scattered showers and thunderstorms. The heating resulted in moderate to high instability and the result was severe thunderstorms that produced large hail and damaging thunderstorm wind gusts around the region. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

LOUISIANA, Southeast

Tangipahoa Parish Amite 1 N Roseland

02	1400CST				0	0	0.00K	0.00K	Flash Flood
	1600CST								

Extensive and deep street flooding was reported in Amite. Water was reported up to two feet deep on some roads.

East Baton Rouge Parish 1 NNW Essen 1 SW Westminster

02	1540CST				0	0	2.00K	0.00K	Flash Flood
	1740CST								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Property Damage	Crops	Character of Storm
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LOUISIANA, Southeast

Local television station web page traffic camera showed an underpass flooded at Acadian Throughway with a vehicle stalled in the water. Minor street flooding was also reported in the 4100 block of Essen Lane.

Ascension Parish Prairieville

02	1615CST 1745CST				0	0	25.00K	0.00K	Flash Flood
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Heavy rain overwhelmed local drainage resulting in minor flooding of 13 homes according to reports received from Baton Rouge media and the Ascension Parish Sheriffs Office.

East Baton Rouge Parish 1 S Baton Rouge

02	1615CST				0	0	70.00K	0.00K	Lightning
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A house fire was started by a lightning strike in Central Baton Rouge. Damage was estimated at \$70,000. No injuries were reported.

East Baton Rouge Parish 2 E Kleinpeter

02	1615CST				0	0	50.00K	0.00K	Lightning
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A local television station reported a house fire sparked by lightning on Hoo Shoo Too Road. One firefighter was injured while fighting the blaze. Event time was estimated.

A moist, unstable airmass combined with an upper level disturbance to produce strong thunderstorms during the morning and afternoon hours. These thunderstorms were slow moving and produced very heavy rainfall in isolated areas.

St. Tammany Parish 2 E Oaklawn

07	1250CST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Multiple trees were reported blown down near Mayfield Elementary School on U.S. Highway 190.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

East Feliciana Parish 2 NNE Blairstown

07	1700CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported by the public 4 miles north of Pride.

East Feliciana Parish 2 WSW Ethel

07	1700CST				0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
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Several trees were reported blown down on Louisiana Highway 955.

A very unstable airmass allowed the development of several thunderstorms on old outflow boundaries during the afternoon hours. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Jefferson Parish 2 SW Grand Isle

09	1340CST 1345CST	0.25	50		0	0	100.00K	0.00K	Tornado (EF1)
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A waterspout over Barataria Bay, as described in an earlier entry, moved southward and onshore the west portion of Grand Isle. A National Weather Service storm survey determined EF-1 damage. There was a total loss of one manufactured home roof, and roof and siding damage to several other structures. A parked recreational travel trailer also suffered significant damage. Some roof debris was thrown 30 yards to the northeast. The path extended from just east of Raspberry Lane on the north side of the island to just west of Raspberry street on the south side of the island. The damage ended around Louisiana Highway 1.

Isolated thunderstorms developed along a southward moving cold front. Several waterspouts were reported with these thunderstorms. One such waterspout moved across Grand Isle as a tornado.

St. Bernard Parish 1 NNE Arabi

23	1407CST 1408CST	0.24	33		0	0	20.00K	0.00K	Tornado (EF0)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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LOUISIANA, Southeast

A NWS storm survey confirmed a short and narrow damage path about 0.25 miles long and 100 feet wide. Eyewitnesses reported seeing a funnel cloud before residences were damaged. The damage path started near the corner of Puma and Chinchilla Streets. The damage path extended northeast to near the corner of Bear Street and Cougar Drive. Approximately 10 homes received minor damage. The most extensive damage was one carport being destroyed and also causing shingle and roof cap damage. Winds were estimated at 70 mph.

West Feliciana Parish St Francisville

23	1630CST				0	0	5.00K	0.00K	Thunderstorm Wind (51MG)
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A few trees were reported uprooted in St. Francisville. A funnel cloud was briefly sighted by sheriff's deputies. Rainfall at the EOC totalled 1.75 inches.

A stationary frontal boundary aided the development of isolated severe thunderstorms over southeast Louisiana, including one tornado. Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Ascension Parish 1 E Smoke Bend

31	1300CST				0	0	20.00K	0.00K	Thunderstorm Wind (61EG)
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Five to ten power poles were snapped in front of a chemical plant. A trailer was also moved off its foundation in the plant area.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

East Baton Rouge Parish (BTR)Ryan Fld Baton

31	1316CST				0	0	3.00K	0.00K	Thunderstorm Wind (52EG)
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Power lines were reported blown down near Baton Rouge Ryan Airport.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

East Feliciana Parish 7 S Clinton

31	1322CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported by a storm chaser southeast of Clinton.

Tangipahoa Parish Hammond

31	1408CST				0	0	0.00K	0.00K	Hail (1.00)
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A cooperative observer reported quarter size hail in Hammond.

Lafourche Parish 1 SSE Mc Leod

31	1430CST				0	0	10.00K	0.00K	Thunderstorm Wind (55EG)
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Seven power lines were blown down on State Highway 1 near the Valentine Bridge. Several trees were also reported blown down.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Washington Parish Pine

31	1450CST				0	0	5.00K	0.00K	Thunderstorm Wind (55EG)
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Several trees were reported blown down along State Highway 436 near Pine.

An upper level disturbance combined with an unstable airmass to produce scattered thunderstorms across southeast Louisiana. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

LOUISIANA, Southwest

Iberia Parish Jeanerette

22	1505CST				0	0	0.00K	0.00K	Hail (0.88)
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Reports were relayed to the NWS through Facebook of hail the size of nickels in the Jeanerette area.

Cameron Parish Grand Chenier

22	1558CST				0	0	0.00K	0.00K	Hail (1.00)
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A Cameron Parish Sheriff Deputy observed one inch in diameter hail near Grand Chenier.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
LOUISIANA, Southwest									
Cameron Parish 1 W Creole	22	1601CST			0	0	0.00K	0.00K	Hail (1.00)
The Cameron Parish Sheriff Department relayed a report of quarter size hail just north of Creole along Highway 27.									
Cameron Parish Creole	22	1610CST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
A thunderstorm produced wind damage to a barn near Creole. An afternoon of thunderstorms produced reports of wind damage and hail. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Beauregard Parish Singer	31	1055CST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
Sheriff reports a tree down in Singer from a passing storm. Pea sized hail also accompanied the storm. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Calcasieu Parish 2 N De Quincy	31	1055CST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
An off-duty employee reported that a pine tree had fallen onto power lines a couple mile north of DeQuincy. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Rapides Parish Alexandria	31	1122CST			0	0	25.00K	0.00K	Thunderstorm Wind (50EG)
The Rapides Parish Sheriff Department reported multiple trees blown down onto cars around Alexandria. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Evangeline Parish 1 NNW Pine Prairie	31	1123CST 1154CST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
Reports were received of multiple trees down across portions of Evangeline Parish. Trees were reported down on Highways 106, 29 South, and 10. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
St. Landry Parish 1 ESE Opelousas	31	1208CST			0	1	25.00K	0.00K	Thunderstorm Wind (50EG)
Law enforcement relayed a report of a tree that fell on a house along Vincent Street in Opelousas. One person in the house was injured. Pea sized hail was also occurring during the storm. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
St. Landry Parish 2 ESE Eunice Arpt	31	1321CST			0	0	25.00K	0.00K	Lightning
Lightning struck a house on Perchville Road outside of Eunice. Fire soon engulfed the house. No injuries were reported.									
St. Landry Parish 1 NNE Eunice	31	1321CST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown onto power lines near the intersection of Elm and 3rd Streets in Eunice during a storm. A round of strong to severe storms produced reports of wind and lightning damage. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MAINE, North

Washington County 1 NW Baring

17	0255EST			0	0				Hail (1.00)
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Large hail up to 1.00 inch in diameter was reported in Baileyville.

Thunderstorms developed in advance of a cold front crossing the region. A severe thunderstorm produced large hail in Washington county during the early morning hours of the 17th.

MAINE, South

Oxford County 1 W North Lovell

16	2020EST 2031EST			0	0	0.00K	0.00K		Hail (1.00)
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A severe thunderstorm produced 1 inch hail in North Lovell which covered the ground.

A strong cold front moved through northern New England late in the afternoon and early evening. A rather strong wind field and falling freezing level to 9-10 thousand feet allowed hail to become a problem with the strong instability. Hail up to 1 inch in diameter covered the ground in some areas.

York County 1 N Buxton

29	0341EST 0346EST			0	0	0.00K	0.00K		Hail (1.00)
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A severe thunderstorm produced 1 inch hail in Buxton.

A stalled front across the forecast area was the focus of severe thunderstorms during the early morning hours. Strong CAPE and low freezing levels contributed to the large hail reported with these storms.

MARYLAND, Central

Washington County Clear Spg

03	1855EST			0	0				Hail (1.00)
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Quarter sized hail was reported in Clear Spring.

Frederick County 1 SSE Mt Ville

03	2054EST			0	0				Hail (1.00)
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Quarter sized hail was reported near Buckeystown.

Frederick County 1 SSE Mt Ville

03	2054EST			0	0				Hail (1.00)
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Quarter sized hail was reported near Doubs.

Frederick County 1 SE Adamstown

03	2101EST			0	0				Hail (1.00)
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Quarter sized hail was reported near Adamstown.

A stationary boundary remained over the region on the third. Moderate instability combined with forcing from the front to trigger some showers and thunderstorms. A few thunderstorms became severe.

Prince George's County 2 SSE Hall

04	1140EST			0	0	1.00K			Thunderstorm Wind (52EG)
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A large tree about one foot in diameter was blown down by thunderstorm winds.

A stationary boundary combined with warm and humid air ahead of it to trigger showers and thunderstorms. An isolated thunderstorm produced damaging winds. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Charles County 1 W Mattawoman

15	2031EST			0	0				Thunderstorm Wind (52EG)
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A tree that was twelve inches in diameter was down due to thunderstorm winds. Several smaller trees were uprooted near Pierce Road.

A surface trough combined with a warm and humid air mass to trigger showers and thunderstorms on the fifteenth. An isolated thunderstorm produced damaging wind gusts in lower southern Maryland. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm	
MARYLAND, Central										
Washington County 1 SE Potomac Vly Jct	27	1840EST			0	0	5.00K		Thunderstorm Wind (52EG)	
	Trees were down on interstate 70 near interstate 81. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Washington County Williamsport	27	1842EST			0	0	5.00K		Thunderstorm Wind (52EG)	
	Trees were down on Falling Waters Road. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Washington County 1 NE Corbett	27	1842EST			0	0	5.00K		Thunderstorm Wind (52EG)	
	Trees were down across Washington County. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Frederick County 1 NNE Myersville	27	1855EST			0	0	5.00K		Thunderstorm Wind (52EG)	
	Trees were down in Myersville. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Washington County 1 NNW Boonsboro	27	1855EST			0	0	5.00K		Thunderstorm Wind (52EG)	
	Trees were down in Boonsboro. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Frederick County 1 S Jefferson	27	1906EST			0	0			Thunderstorm Wind (52EG)	
	Wind gusts were estimated to be up to 60 mph. A surface trough combined with warm and humid air to trigger showers and thunderstorms. Some thunderstorms produced damaging winds and large hail. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
MDZ011-016			Charles - Southern Baltimore							
	28	1300EST 1700EST			0	0			Heat	
	A southerly flow around high pressure over the Atlantic Ocean provided hot and humid conditions. Heat indices were around 100 degrees during the afternoon and early evening hours.									
Washington County 1 NW Keedysville	29	1650EST			0	0			Thunderstorm Wind (52EG)	
	Large branches were down from thunderstorm winds. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Washington County 2 N Keedysville	29	1650EST			0	0			Thunderstorm Wind (52EG)	
	A large tree was down across the road. A surface trough combined with warm and humid air to trigger showers and thunderstorms. Some thunderstorms produced damaging winds. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Frederick County 1 ENE Ellerton	29	1730EST 1830EST			0	0	0.00K	0.00K	Flash Flood	
	Maryland Route 17 was closed near Meeting House Road due to flash flooding. A nearby rain gauge received 1.20 inches.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MARYLAND, Central

Washington County 1 SSE Breathedsville

29	1830EST 1930EST				0	0	0.00K	0.00K	Flash Flood
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Maryland Route 68 was closed due to flash flooding. A nearby rain gauge tallied 1.25 inches of rainfall.

Washington County 1 N Ponds ville

29	1830EST 1930EST				0	0	0.00K	0.00K	Flash Flood
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Maryland Route 66 near Ponds ville Road was closed due to flash flooding. A nearby observer reported 1 inch of rainfall.

Showers and thunderstorms developed in the lee of the Appalachians during in afternoon, in advance of a slow moving cold front. Moisture in association with the remnants of Tropical Storm Beryl boosted rainfall rates and some of the showers and thunderstorms trained repeatedly over the same locations. Flash Flooding was reported close to the Blue Ridge Mountains, with rainfall totals as high as 1.44 inches reported in Washington County.

MARYLAND, Northeast

MDZ008-012-015- 019-020

Caroline - Cecil - Kent - Queen Anne's - Talbot

01	0000EST				0	0	0.00K	0.00K	Drought
31	2359EST				0	0	0.00K	0.00K	Drought

On May 8th, the Maryland Department of the Environment extended the drought watch into Cecil County while maintaining the drought watch for the rest of the Eastern Shore. Through the end of April, yearly to date average precipitation across Maryland was about 64.5 percent of normal, the driest start to a year on record for the state dating back through 1895. Stream flow and groundwater levels were below normal through much of the state. During a drought watch, there is an increase in oversight of water supply conditions and the Maryland Department of the Environment encourages citizens to become more aware of their water use and to conserve it. The hope is that voluntary conservation will cut water usage by 5 to 10 percent in drought watch areas. Homeowners, government facilities, businesses and industry were asked to reduce water use for irrigation. The drought was already having an impact on farming as some farmers have waited to plant crops due to low soil moisture levels while others have had to start irrigating, a practice not typically needed during spring.

The United States Drought Monitor depicted all of the Eastern Shore in moderate drought (D1 status) as May began. Cecil County's drought level improved to D0 (abnormally dry) with the May 22nd monitor release. The drought watch for the county remained in effect through May. During the month of May, the state of Maryland averaged 82 percent of its normal rainfall. Across the Eastern Shore, county monthly weighted precipitation averages for May ranged from 2.4 inches in Caroline County to 2.7 inches in Cecil County. This averaged around 1.3 inches less than normal.

MARYLAND, West

Garrett County 3 WSW Bond

27	1445EST 1700EST				0	0	50.00K	0.00K	Flash Flood
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Emergency management reported Spring Lick Road washed out by flash flooding. Trees along roadway washed out blocking road.

A stalled frontal boundary was the focus for scattered severe thunderstorms across portions of western Pennsylvania. A slow moving thunderstorm produced isolated flash flooding over Garrett county Maryland.

MASSACHUSETTS, Central and East

MAZ004-007-014> 016-018>024-026

Barnstable - Dukes - Eastern Essex - Eastern Norfolk - Eastern Plymouth - Nantucket - Northern Worcester - Northwest Middlesex County - Southeast Middlesex - Southern Bristol - Southern Plymouth - Suffolk - Western Middlesex - Western Plymouth

01	0000EST				0	0	0.00K	0.00K	Drought
15	0730EST				0	0	0.00K	0.00K	Drought

The U.S. Drought Monitor declared a severe drought across Rhode Island, the eastern half of Massachusetts, and most of northern Connecticut. A moderate drought was declared over western Massachusetts and southwestern New Hampshire. This was declared as the result of a meteorological drought determined by precipitation that had been approximately one half of normal from January 2012 through April 2012. Rivers and streams were most affected as most ran at record low levels during the spring run-off season. No southern New England state issued drought declarations as reservoirs were at normal levels, thanks largely to above normal precipitation falling between August 2011 and November 2011.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MASSACHUSETTS, Central and East

The main impact of the meteorological drought was periods of very high fire danger. In addition, small pond levels were reduced. While soil moisture was well below normal, this drought occurred prior to the beginning of the growing season. Thus, no agricultural impacts were realized.

From January 1 through April 15, precipitation levels were 6 to 8 inches below normal across northeast Connecticut, Rhode Island, and southeast Massachusetts. Across the remainder of southern New England, precipitation levels were 5 to 7 inches below normal. This translates to around or less than 50 percent of normal precipitation for much of southern New England.

Franklin County

Monroe Bridge

16	1823EST				0	0	0.00K	0.00K	Hail (0.75)
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Franklin County

2 E Bernardston 1 SE East Northfield

16	1925EST 1927EST				0	0	0.00K	0.00K	Hail (1.00)
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Hampden County

Chester

16	2016EST				0	0	0.00K	0.00K	Hail (0.75)
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Franklin County

Montague

16	2045EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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Large branches on Turners Falls Road were downed by thunderstorm winds.

Southwesterly surface flow resulted in warm air advection, bringing plenty of warm, moist air into southern New England. A cold front approaching from the west provided enough lift to result in showers and thunderstorms across western Massachusetts. Some of these storms were strong to severe. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Hampshire County

Goshen

29	1729EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Trees and wires on Spruce Corner Road were downed by thunderstorm winds.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Hampden County

1 S Palmer

29	2002EST				0	0	165.00K	0.00K	Lightning
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Lightning struck the former Gales Newsstand building in Palmer at the corner of Main and Central Streets, setting the building on fire. The building was lost and the building next door was threatened but saved. No one was injured. Damage amount taken from the value of the building from the assessor's office.

Worcester County

1 W Worcester

29	2028EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Trees and wires on Sunny Hill Drive were downed by thunderstorm winds.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Worcester County

2 S Clinton Jct

29	2030EST				0	0	0.00K	0.00K	Hail (0.75)
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A slow moving warm front across southern New England resulted in a very moist atmosphere. This resulted in showers and thunderstorms developing across the area.

MASSACHUSETTS, West

Berkshire County

1 S Williamstown

29	1647EST				0	0			Thunderstorm Wind (50EG)
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Multiple trees were reported down due to strong thunderstorm winds in Williamstown.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MASSACHUSETTS, West

Berkshire County

1 W North Adams

29	1655EST				0	0			Thunderstorm Wind (50EG)
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Three trees were reported down due to strong thunderstorm winds in North Adams.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Berkshire County

1 S South Egremont

29	1700EST				0	0			Hail (1.00)
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Quarter sized hail was reported during a thunderstorm in South Egremont.

Berkshire County

1 SSE Great Barrington

29	1705EST				0	0			Hail (1.00)
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Quarter sized hail was reported during a thunderstorm about 1 mile south of Great Barrington.

Berkshire County

1 ESE Great Barrington

29	1710EST				0	0			Hail (1.00)
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Quarter sized hail (measured) was reported during a thunderstorm in Great Barrington.

Berkshire County

Lanesborough

29	1711EST				0	0			Thunderstorm Wind (50EG)
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One tree was reported down due to strong thunderstorm winds in Lanesborough.

A warm and very humid air mass was in place across western Massachusetts. As a strong cold front approached, severe thunderstorms developed across much of the region. Strong thunderstorm updrafts allowed for large hail to develop. Thunderstorms also produced damaging wind gusts, with trees down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

MICHIGAN, East

Bay County

Bentley

03	1517EST				0	0	0.00K	0.00K	Hail (0.88)
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Bay County

2 WSW Mt Forest

03	1530EST				0	0	0.00K	0.00K	Hail (0.88)
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Midland County

2 NE Bombay

03	1554EST				0	0	0.00K	0.00K	Hail (1.00)
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Bay County

2 W Beaver

03	1555EST				0	0	0.00K	0.00K	Hail (1.75)
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Huron County

1 NE Quarry

03	1601EST				0	0	0.00K	0.00K	Hail (1.00)
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Huron County

1 NE Kinde

03	1603EST				0	0	0.00K	0.00K	Hail (0.75)
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Tuscola County

1 SE Gilford

03	1611EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Utility pole was reported down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
MICHIGAN, East									
Bay County 2 NW Bay City	03	1619EST			0	0	0.00K	0.00K	Hail (0.88)
Tuscola County 1 SE Deford	03	1656EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Large tree limbs were reported blown down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Shiawassee County Owosso	03	1722EST			0	0	3.00K	0.00K	Thunderstorm Wind (52EG)
Trees and wires reported down. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Genesee County 2 N (FNT)Bishop Arprt Fli	03	1738EST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
A eight inch diameter tree was blown down, destroying a shed. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Genesee County 1 NE Flushing Arprt	03	1739EST			0	0	0.00K	0.00K	Hail (1.00)
Genesee County 2 NNW (FNT)Bishop Arprt Fli	03	1739EST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
A spotter reported a garage collapsed. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Genesee County 2 N (FNT)Bishop Arprt Fli	03	1740EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
A 45 foot tower was blown down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Genesee County 3 WSW Flint	03	1740EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Two to three foot trees were reported snapped. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Genesee County (FNT)Bishop Arprt Fli	03	1741EST			0	0	5.00K	0.00K	Thunderstorm Wind (56EG)
A small airplane was blown over. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Genesee County 1 SSW Flint	03	1742EST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
Trees were blown down. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Genesee County 3 WNW Burton	03	1743EST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
A spotter estimated a 70 mph thunderstorm wind gust. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Washtenaw County 1 W Manchester	03	2146EST			0	0	0.00K	0.00K	Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MICHIGAN, East									
Washtenaw County 3 ESE Sylvan	03	2152EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
	Several six to eight inch diameter tree limbs blown down onto M-52.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Washtenaw County 1 NW Rowes Corner	03	2154EST			0	0	0.00K	0.00K	Hail (1.00)
Livingston County 1 NW Howell	03	2208EST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
	Wires were reported down.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								
Genesee County 15 W Lennon 9 W Brent Creek	04	0130EST 0754EST			0	0	7.10M	0.00K	Flash Flood
	Four to seven inches of rain falling in less than 12 hours lead to extensive flooding. Flint Bishop Airport reported 5.62 inches. Dozens of homes flooded with numerous roads shut down, including sections of I-75 and I-69. Especially hard hit was Swartz Creek and Flint Township. Residents of Apple Creek Apartment in Swartz Creek had to evacuate. In Grand Blanc Township, Knollwood Apartments, located off of Hill Road, saw the worst of the damage. The far eastern side of the apartment complex saw the bulk of the damage, with water nearly submerging at least 30 cars, flooding basements, damaging first floors and knocking out the power. The total cost to Knollwood for the damage was more than \$1.7 million.								
Shiawassee County 1 E West Five Pts 9 NNE New Lothrop	04	0130EST 0754EST			0	0	1.10M	0.00K	Flash Flood
	Several roads were closed due to flooding as well as bridges being reported washed out.								
Genesee County Argentine 2 S Montrose	04	0754EST 1400EST			0	0	0.00K	0.00K	Flood
	Flash flooding from 4 to 7 inches of rain took half a day to recede.								
Shiawassee County Morrice Owosso	04	0754EST 1400EST			0	0	0.00K	0.00K	Flood
	Flash flooding from 4 to 7 inches of rain took half a day to recede.								
	A few severe storms developed, mainly north of M-59 during the late afternoon and evening hours. Training of showers and thunderstorms then dumped half a foot of rain on the Flint area, stranding cars on roadways and forcing the boat evacuation of some residents.								
Saginaw County 3 NW Buena Vista	27	0912EST			0	0	0.00K	0.00K	Thunderstorm Wind (65MG)
	Note: The measured wind gust of 65 knots is equivalent to 75 mph.								
Saginaw County 2 NW Mershon	27	0915EST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
	A large tree was blown down.								
	Note: The estimated wind gust of 56 knots is equivalent to 64 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MICHIGAN, East</u>									
Saginaw County 2 W Mershon	27	0919EST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									Several 2 inch diameter trees blown down. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Saginaw County 2 E Arthur	27	0930EST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
									Trees reported blown down. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.
Saginaw County Chesaning	27	0932EST			0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
									Multiple trees down on roads, causing road closures. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Saginaw County 2 SE Arthur	27	0934EST			0	0	5.00K	0.00K	Thunderstorm Wind (56EG)
									Trees and power lines reported down. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.
Tuscola County 1 N Juniata	27	0940EST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									Twelve inch diameter tree blown down. A severe thunderstorm developed over Saginaw county and then moved into Tuscola county. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Washtenaw County 1 NW Benton	28	2155EST			0	0	0.00K	0.00K	Thunderstorm Wind (54EG)
									Trees were reported blown down. Note: The estimated wind gust of 54 knots is equivalent to 62 mph.
Oakland County 1 W Lathrup Vlg	28	2222EST			0	0	10.00K	0.00K	Thunderstorm Wind (56EG)
									Multiple trees and powerlines reported down. Isolated severe storms developed in Oakland and Washtenaw counties. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.
<u>MICHIGAN, Extreme Southwest</u>									
Cass County Marcellus	03	1804EST 1805EST			0	0	0.00K	0.00K	Hail (0.75)
St. Joseph County 2 W Three Rivers Arpt	03	1817EST 1818EST			0	0	0.00K	0.00K	Hail (1.00)
St. Joseph County 2 S Factoryville	03	1854EST 1855EST			0	0	0.00K	0.00K	Hail (0.88)
St. Joseph County 1 SE Leonidas	03	1857EST 1858EST			0	0	0.00K	0.00K	Hail (1.75)
St. Joseph County 1 N Mendon	03	1910EST 1911EST			0	0	0.00K	0.00K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MICHIGAN, Extreme Southwest

St. Joseph County

2 NW Three Rivers Arpt	03	1911EST 1912EST			0	0	0.00K	0.00K	Hail (1.00)
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Berrien County

1 S Stevensville	03	1955EST 1956EST			0	0	0.00K	0.00K	Hail (0.75)
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Berrien County

1 NNW Hollywood	03	2000EST 2001EST			0	0	0.00K	0.00K	Hail (1.00)
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Branch County

2 NW Hodunk	03	2000EST 2001EST			0	0	0.00K	0.00K	Hail (0.75)
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Branch County

3 WNW Butler	03	2018EST 2019EST			0	0	0.00K	0.00K	Hail (0.88)
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Emergency management officials reported hail ranging from dime to nickel size.

Berrien County

2 SW Naomi	03	2200EST 2201EST			0	0	0.00K	0.00K	Hail (0.88)
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Cass County

1 NW Red Mill	03	2210EST 2211EST			0	0	0.00K	0.00K	Hail (0.75)
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A frontal boundary was located across northern Lower Michigan during the afternoon and early evening hours. An area of strong convergence was noted well south of the front from central Illinois into the thumb of Lower Michigan. Upper level dynamics were generally weak, but plenty of surface based instability was in place with surface based CAPE values in the 1500 to 2000 j/kg range. This allowed for convection to develop and rapidly increase in intensity. Storms continued to regenerate with the strongest storm producing golf ball size hail.

MICHIGAN, North

Grand Traverse County

Acme	03	1235EST			0	0	0.00K	0.00K	Hail (1.00)
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Gladwin County

4 SSW Rhodes	03	1525EST			0	0	0.00K	0.00K	Hail (2.00)
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Multiple reports of large hail were received from far southeast Gladwin County, with the largest near Rhodes Rd and Swinson-Neuman Rd.

Arenac County

1 NNE Worth	03	1537EST			0	0	0.00K	0.00K	Hail (1.00)
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Northern Lower Michigan was at the north end of a line of thunderstorms that crossed the Great Lakes region on the afternoon of the 3rd. Large hail fell in portions of east central Lower Michigan.

Manistee County

1 SW Manistee 1 ESE East Lake	15	1915EST 1920EST			0	0	0.00K	0.00K	Hail (0.88)
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Manistee County

2 SW Manistee	15	1921EST			0	0	0.00K	0.00K	Hail (1.00)
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Fast moving showers and a few thunderstorms crossed Northern Lower Michigan on the evening of the 15th. Thanks to chilly air aloft, these storms produced small hail in a number of locations, with one report of marginally severe hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MICHIGAN, North									
Grand Traverse County 3 E Williamsburg	20	2133EST			0	0	0.00K	0.00K	Hail (1.25)
	Hail was mostly quarter-sized or smaller, but there were a few half-dollar hailstones.								
Antrim County Central Lake	20	2152EST			0	0	0.00K	0.00K	Hail (1.00)
	A line of thunderstorms moved rapidly northeast across Northern Michigan during the evening hours, advancing out ahead of an incoming cold front. One storm within the line became severe, resulting in large hail.								
Manistee County 1 N Wellston	27	1215EST			0	0	0.00K	0.00K	Hail (0.75)
Arenac County 2 SSE Omer	27	1435EST			0	4	27.00K	0.00K	Thunderstorm Wind (50EG)
	A large tree fell onto two RV's at the Big Bend Campground on Conrad Rd, near Omer. One RV was destroyed, the other suffered only minor damage. Four campers inside one of the trailers were injured, thankfully none of them seriously.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Charlevoix County 3 S Boyne City Muni Arpt	27	1509EST			0	0	0.00K	0.00K	Hail (0.75)
	An isolated severe thunderstorm produced wind damage in Arenac County.								
Manistee County Manistee	28	2010EST			0	0	10.00K	0.00K	Thunderstorm Wind (52EG)
	Trees and power lines were downed.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								
Grand Traverse County Fife Lake	28	2101EST			0	0	0.00K	0.00K	Hail (1.00)
Kalkaska County 1 WNW Kalkaska 2 S Darragh	28	2115EST 2128EST			0	0	25.00K	0.00K	Thunderstorm Wind (58EG)
	Over a hundred trees were downed, scattered across central and eastern Kalkaska County.								
	Note: The estimated wind gust of 58 knots is equivalent to 67 mph.								
Montmorency County Lewiston	28	2158EST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
	Multiple trees were downed in Lewiston.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								
Iosco County 9 NNE Hale	28	2230EST			0	0	6.00K	0.00K	Thunderstorm Wind (54EG)
	Numerous large oak trees were uprooted near the Alcona and Iosco County line.								
	A line of thunderstorms organized as it exited Wisconsin and moved across Lake Michigan. The storms produced pockets of wind damage as they crossed Northern Lower Michigan. Note: The estimated wind gust of 54 knots is equivalent to 62 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
MICHIGAN, Upper									
Ontonagon County									
6 E Firesteel	20	1100EST 1930EST			0	0	0.00K	0.00K	Heavy Rain
									The observer ten miles east of Ontonagon measured 1.75 inches of total rainfall. A small creek on the residence was reported over its banks. The observer at Rockland measured 2.80 inches of storm total rainfall.
Gogebic County									
1 N Hurley	20	1134CST 1139CST			0	0	0.00K	0.00K	Hail (0.88)
									Hail lasted five minutes.
Gogebic County									
1 S Ironwood	20	1135CST 1138CST			0	0	0.00K	0.00K	Hail (1.00)
Houghton County									
2 NW Stanwood	20	1217EST 1219EST			0	0	0.00K	0.00K	Hail (1.00)
Houghton County									
2 WSW Quincy Mill	20	1230EST 1232EST			0	0	0.00K	0.00K	Hail (0.75)
Houghton County									
Dollar Bay	20	1230EST 1232EST			0	0	0.00K	0.00K	Hail (0.88)
Houghton County									
1 E Calumet	20	1245EST 1248EST			0	0	0.00K	0.00K	Hail (1.00)
Ontonagon County									
3 WSW Wainola	20	1457EST 1500EST			0	0	0.00K	0.00K	Hail (0.75)
									Gusts up to 40 mph were reported with the storm.
Houghton County									
3 NW Jacobsville	20	1510EST 1512EST			0	0	0.00K	0.00K	Hail (0.75)
Dickinson County									
1 SSW Floodwood	20	1530CST 1533CST			0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
									Winds estimated at 60 mph knocked over a 24-inch diameter white pine tree six miles south of Witch Lake.
									Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Dickinson County									
1 SE (IMT)Iron Mtn Arpt	20	1604CST 1606CST			0	0	0.00K	0.00K	Hail (0.75)
Dickinson County									
2 SSW Granite Bluff	20	1606CST 1608CST			0	0	0.00K	0.00K	Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MICHIGAN, Upper

Dickinson County 1 SSW Iron Mtn

20	1630CST 1830CST				0	0	30.00K	0.00K	Lightning
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A lightning strike from thunderstorms caused a house fire in Iron Mountain on the evening of the 20th. The home sustained damage in numerous areas, but firefighters were able to keep the damage contained to the second floor and attic. The Iron Mountain Police Department, Beacon Ambulance and Wisconsin Electric were also at the scene of the fire to assist.

MIZ006

Alger

20	1630EST 1715EST				0	0	5.0K	0.00K	Strong Wind
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Marquette County 2 SSE Witch Lake

20	1634EST 1638EST				0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
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Trees were knocked down across Highway M-95 along the Marquette/Dickinson County line.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Marquette County 10 SSW National Mine

20	1646EST 1649EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Very strong winds knocked down small tree limbs and blew patio furniture across the yard.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Marquette County 4 SSW National Mine

20	1652EST 1656EST				0	0	2.00K	0.00K	Thunderstorm Wind (55EG)
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Several trees were knocked down along County Road 581.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Marquette County Ishpeming

20	1700EST 1800EST				0	0	2.00K	0.00K	Lightning
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Lightning and high wind from thunderstorms caused more than 200 customers to lose power in Ishpeming.

Marquette County 1 SE (SAW)Ki Sawyer Afb G

20	1807EST 1809EST				0	0	0.00K	0.00K	Hail (0.75)
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Hail was reported near the Sawyer Airport.

Marquette County 4 WNW Sand River

20	1821EST 1823EST				0	0	0.00K	0.00K	Hail (0.75)
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Hail was reported near Shot Point along Highway M-28.

A cold front moving through the region generated strong to severe thunderstorms over portions of west and central Upper Michigan on the afternoon of the 20th.

MIZ007-085

Luce - Northern Schoolcraft

20	1945EST								
29	2359EST				0	0	12.0M	0.00K	Wildfire

Lightning strikes from a line of thunderstorms ignited The Duck Lake Wildfire 14 miles north of Newberry and the Pine Creek North Wildfire in the Seney National Wildlife Refuge on the evening of the 20th.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MICHIGAN, Upper

Strong south winds gusting over 30 mph on the 24th quickly fanned the Duck Lake Wildfire and caused it to spread rapidly toward the Lake Superior shore forcing mandatory evacuations for people in the Pike Lake, Bodi Lake, Culhane Lake and Little Lake Harbor areas. The 21,069 acre wildfire, the third largest in modern Michigan history, burned 136 structures (including one store and one motel) before it was fully contained in mid-June.

The Pine Creek North Wildfire spread to 3500 acres by the 25th but was 95 percent contained by the 28th. The Marshland Wildlife Drive, Fishing Loop, Pine Ridge Nature Trail and many interior roads within the refuge were all closed due to the fire. The cost of resources to fight the fire was estimated to be around \$600,000. No injuries or deaths were reported from the fire.

Due to the wildfires and extreme fire danger, Governor Rick Snyder declared a state of disaster in both Luce and Schoolcraft counties on the 25th.

Menominee County 1 SE Stephenson

28	1400CST				0	0	5.00K	0.00K	Thunderstorm Wind (55EG)
	1405CST								

Power lines and trees were reported down across the railroad tracks in Menominee. Emergency services were activated for the area.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Delta County 1 SW Schaffer

28	1534EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
	1539EST								

The spotter near Schaeffer reported trees greater than five inches in diameter down across his yard.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Alger County 3 S Ridge

28	1610EST				0	0	0.00K	0.00K	Heavy Rain
	1650EST								

The spotter seven miles southwest of Munising measured 1.50 inches of rain from a thunderstorm in 40 minutes.

A cold front moving through a warm and unstable airmass produced isolated severe thunderstorms over south central Upper Michigan on the afternoon of the 28th.

MICHIGAN, West

MIZ038

Lake									
03	0435EST				0	0	500.0K	0.00K	Strong Wind

Mason County 5 WSW Freesoil 44 E Millerton

03	0820EST				0	0	75.00K	0.00K	Flash Flood
	2000EST								

Several roads were either flooded or washed out across portions of Mason county. Radar estimated that up to 5 to 7 inches of heavy rain fell across portions of east central Mason county. A trained spotter reported that Barnett Boulevard was washed out in South Branch.

Lake County 4 E Branch 3 WNW Irons

03	0900EST				0	0	70.00K	0.00K	Flash Flood
	2000EST								

Radar estimated that up to 5 to 7 inches of heavy rain fell across a fairly large part of Lake county resulting in several roads that were either flooded or washed out.

Osceola County 3 WNW Orono 6 W Tustin

03	0930EST				0	0	25.00K	0.00K	Flash Flood
	2000EST								

Radar estimated that up to 5 to 7 inches of heavy rain fell across northwest Osceola county, resulting in a few roads that were either flooded or washed out.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MICHIGAN, West									
Mason County 1 N Ludington	03	1044EST			0	0			Hail (0.75)
									The public estimated three quarters inch hail in Ludington.
Mason County 1 S Custer 4 E Walhalla	03	1222EST 1230EST			0	0	0.00K	0.00K	Hail (1.00)
									A trained spotter reported up to one inch diameter hail in South Branch.
Mason County 2 ESE Ludington Scottville	03	1230EST			0	0	25.00K	0.00K	Hail (1.75)
									A county official reported hail up to one and three quarters inch in diameter in Scottville.
Oceana County 1 NE Shelby 1 E Hart	03	1349EST 1357EST			0	0			Hail (1.00)
									One inch diameter hail was reported by trained spotters in Hart and near Shelby.
Mecosta County Big Rapids	03	1500EST			0	0	0.01K	0.00K	Thunderstorm Wind (55EG)
									Large Healthy Trees Down Blocking Roads in at least two different locations.
									Note: The estimated wind gust of 55 knots is equivalent to 63 mph.
Allegan County 1 S Wayland	03	1550EST			0	0			Hail (1.00)
									The public reported one inch hail five miles south of Wayland.
Allegan County Bradley	03	1551EST			0	0			Hail (1.25)
									The public reported one and a quarter inch hail in Bradley.
Barry County 2 W Bowens Mills	03	1551EST			0	0			Hail (1.00)
									One inch diameter hail was reported by the public two miles west of Bowens Mills.
Kent County 2 ESE East Paris	03	1620EST			0	0			Hail (1.25)
									A trained spotter reported one and a quarter inch diameter hail near East Paris road in Kentwood.
Muskegon County Twin Lake	03	1620EST			0	0			Hail (0.75)
									A trained spotter reported three quarters inch hail and some branches down in Twin Lake.
Allegan County 1 SW Wayland 1 W Shelbyville	03	1624EST 1636EST			0	0			Hail (1.00)
									One inch hail was reported in Wayland.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MICHIGAN, West

Clinton County 1 W St Johns

03	1645EST				0	0	100.00K	0.00K	Thunderstorm Wind (65EG)
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Clinton county law enforcement reported severe damage to four barns in the vicinity of DeWitt road and M-21 as well as numerous trees down in St. John's.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Clinton County 3 N Merle Beach

03	1703EST				0	0			Hail (0.75)
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Three quarters inch hail was reported by a trained spotter three miles south southwest of St. John's.

Kalamazoo County (AZO)Kalamazoo Arpt

03	1725EST				0	0	0.00K	0.00K	Hail (1.00)
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A trained spotter reported one inch diameter hail in Kalamazoo.

Van Buren County 2 W Gobles Widners Arpt

03	1730EST				0	0	0.00K	0.00K	Hail (0.75)
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Three quarters inch hail was reported by a trained spotter near Gobles.

MIZ057

Kent

03	1746EST				0	0	500.0K	0.00K	Strong Wind
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Barry County 4 N Nashville

03	1757EST				0	0	0.00K	0.00K	Hail (0.75)
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Three quarters inch hail was reported in Nashville.

Montcalm County Amsden

03	1758EST				0	0	30.00K	0.00K	Thunderstorm Wind (70EG)
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The broadcast media reported that peak winds estimated near 80 mph caused damage to a barn and unroofed an outbuilding two miles northwest of Fenwick. Several healthy trees were snapped or uprooted.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Eaton County 2 NNE Sunfield

03	1800EST				0	0	0.00K	0.00K	Hail (0.75)
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An amateur radio operator reported three quarters inch hail in Sunfield.

Ingham County 1 W Mason

03	1830EST 1835EST				0	0			Hail (1.25)
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A trained spotter measured hail up to an inch and a quarter in diameter in Mason.

Ingham County 1 NNE Holt

03	1835EST				0	0	25.00K	0.00K	Thunderstorm Wind (61EG)
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Ingham county emergency management reported that a ten by twenty foot section of a roof was ripped off a commercial building. It was also reported that about 300 yards of power poles along Aurelius road were toppled.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Jackson County 1 E Woodville 1 NW Southland

03	2120EST 2122EST				0	0			Hail (2.00)
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A trained spotter reported hail up to two inches in diameter two miles southeast of Jackson with one inch hail in Jackson.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MICHIGAN, West

An upper low moving over a warm front that stretched across northern Lower Michigan set the stage for heavy rainfall on May 3rd. Training thunderstorms (storms that move over the same location) produced 5 to 7 inches of rainfall across portions of Mason and Lake counties. The heavy rainfall resulted in roads that were either flooded or washed out. As the day progressed, strong to severe storms developed in the warm humid airmass. Golf ball size hail was reported in Mason and a 10 x 20 foot section of roof was blown off of a commercial building a few miles south of Lansing.

Muskegon County Whitehall

15	1815EST				0	0	0.20K	0.00K	Thunderstorm Wind (55EG)
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The broadcast media reported that multiple healthy trees were blown down four miles north of Twin Lake.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Newaygo County Newaygo

15	1833EST				0	0	0.25K	0.00K	Thunderstorm Wind (55EG)
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Trees Down Blocking Roads in Multiple Locations near Newaygo.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Oceana County 1 E Pentwater

15	2005EST				0	0			Hail (0.88)
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Seven eighths inch diameter hail was reported one mile east of Pentwater.

Kent County 1 N East Grand Rapids

15	2045EST				0	0	10.00K		Thunderstorm Wind (52EG)
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Widespread tree damage for several blocks along Lake and Elmwood drives in eastern Grand Rapids. One large tree was uprooted and fell on the second story of a house. Roof damage on at least four houses.

Scattered thunderstorms developed during the evening hours of May 15th. Several trees were blown down, and there were several reports of sub severe hail. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

MIZ040-050

Clare - Muskegon

28	2050EST				0	0	0.26K	0.00K	Strong Wind
	2155EST								

Newaygo County 1 W Hesperia

28	2235EST				0	0	75.00K	0.00K	Thunderstorm Wind (56EG)
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The Newaygo county road commission and amateur radio operators reported 20 to 25 trees of varying health and size were blown down one mile north northwest of Fremont. Stone Road near 30th street had trees down and multiple trees were also blown down at Stone Road between 32nd and 34th streets.

A cold front triggered the development of scattered thunderstorms, a few of which were severe and produced wind damage. The most extensive damage occurred only about one to two miles north northwest of Fremont in Newaygo county, where at least 25 to 30 trees were blown down. Isolated trees were blown down in Fruitland and Blue Lake townships in Muskegon county, and just southeast of Harrison in Clare county. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

MINNESOTA, Central and South Central

Pope County 1 SE Glenwood

01	1511CST				0	0	0.00K	0.00K	Hail (1.00)
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Pope County 3 NW Grovelake

01	1540CST				0	0	0.00K	0.00K	Hail (0.88)
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Pope County Sedan

01	1548CST				0	0	0.00K	0.00K	Tornado (EF0)
	1549CST	0.08	50						

Spotters reported a brief tornado touchdown north of Sedan, Minnesota. It was rated an EF0 with no damage.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MINNESOTA, Central and South Central

Stearns County

3 SSW Sauk Centre Arpt	01	1553CST			0	0	0.00K	0.00K	Hail (1.00)
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Stearns County

4 S Padua	01	1556CST 1558CST	0.89	75	0	0	0.00K	0.00K	Tornado (EF0)
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Spotters observed a tornado that tracked for approximately 1 mile, from 1 mile southeast of the intersection of 310th Street, and 453rd NE, to the intersection of 310th Street, and 453rd NE. The tornado was rated an EF0 and only affected farmland.

Lac Qui Parle County

5 S Lac Qui Parle	01	1601CST			0	0	0.00K	0.00K	Hail (1.00)
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Stearns County

2 SSW Elrosa	01	1602CST 1606CST	2.14	75	0	0	100.00K	0.00K	Tornado (EF0)
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Several spotters observed a tornado touch down approximately 2 miles southwest of Elrosa, and moved northeast across the southeast part of town. The tornado was rated an EF0, with top winds of 85 mph. The tornado demolished a mobile home, toppled trees, one of the trees landed on top of a wood working shop, and it also blew out a garage door.

Stearns County

1 NE Melrose	01	1619CST			0	0	0.00K	0.00K	Hail (0.88)
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Stearns County

1 SW Freeport	01	1624CST 1630CST			0	0	100.00K	0.00K	Hail (2.00)
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Large hail stones, up to two inches in diameter, pelted the town of Freeport, Minnesota for several minutes and caused damage to electrical lines, and cars. The hail also accumulated up to 7 inches deep in some areas of town.

Chippewa County

6 SE Hagan	01	1630CST			0	0	0.00K	0.00K	Hail (1.00)
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Stearns County

2 WSW Freeport	01	1630CST			0	0	0.00K	0.00K	Hail (1.00)
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Wright County

1 S Hasty	01	1635CST			0	0	0.00K	0.00K	Funnel Cloud
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Stearns County

Albany	01	1645CST 1648CST			0	0	500.00K	0.00K	Hail (1.75)
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Golf ball size hail lasted for several minutes and caused extensive damage across the city, including numerous cars and home windows shattered.

Stearns County

4 NNE St Joseph	01	1707CST			0	0	0.00K	0.00K	Hail (1.75)
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Stearns County

St Joseph	01	1710CST			0	0	0.00K	0.00K	Hail (1.75)
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Stearns County

3 WSW Sartell	01	1714CST 1717CST			0	0	0.00K	0.00K	Hail (1.75)
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There were several reports of nickel, and up to golf ball size hail around Sartell, Minnesota.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Stearns County 2 SSW Sartell	01	1718CST			0	0	0.00K	0.00K	Hail (1.00)
Stearns County 1 S St Cloud	01	1725CST 1728CST			0	0	0.00K	0.00K	Hail (1.00)
Several reports of dime, nickel and quarter size hail was reported around St. Cloud, Minnesota.									
Benton County 4 SW Parent	01	1730CST			0	0	0.00K	0.00K	Funnel Cloud
Sherburne County 3 NW Cable	01	1730CST			0	0	0.00K	0.00K	Hail (1.00)
Benton County 4 WSW Parent	01	1734CST			0	0	0.00K	0.00K	Thunderstorm Wind (56MG)
Wind speed measured by a private weather station. Note: The measured wind gust of 56 knots is equivalent to 64 mph.									
Wright County 2 SE Enfield	01	1740CST	0.01	25	0	0	0.00K	0.00K	Tornado (EF0)
A weak tornado briefly touched down in an open field and kicked up some dust. The tornado was filmed by the storm chaser.									
Redwood County 1 N Walnut Grove	01	1745CST			0	0	0.00K	0.00K	Hail (1.00)
Benton County 1 NW Duelm	01	1747CST			0	0	0.00K	0.00K	Hail (1.75)
Benton County 1 S Sauk Rapids	01	1800CST			0	0	0.00K	0.00K	Heavy Rain
A trained spotter reported 2.50 inches of rainfall in a short period of time.									
Mille Lacs County 2 W Princeton	01	1820CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
A large tree was uprooted on Highway 95, west of Princeton, Minnesota. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Mille Lacs County Princeton	01	1820CST 1822CST			0	0	50.00K	0.00K	Thunderstorm Wind (56EG)
Several street lights and large trees blew down across Princeton, Minnesota, some knotted down several power poles on the east side of the city. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Mcleod County Winsted	01	1835CST			0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
Several large tree branches caused damage to power lines around the city. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Isanti County Spencer Brook

01	1842CST 1844CST				0	0	25.00K	0.00K	Thunderstorm Wind (65MG)
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In addition to a private weather station that measured 75 mph peak wind gust, Spencer Brook had damage associated with a micro-burst. The severe winds caused three large trees to blow down, along with damage to a homes roof and siding.

Note: The measured wind gust of 65 knots is equivalent to 75 mph.

Wright County 3 N Buffalo Muni Arpt

01	1845CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A large tree fell on a road and blocked it near Buffalo, Minnesota.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Isanti County 1 E Blomford

01	1910CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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A storm survey was conducted in eastern Isanti County and revealed storm damage to areas east of Blomford, Minnesota. Several trees were uprooted east of Blomford, Minnesota.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Sibley County 3 W Green Isle

01	1925CST				0	0	0.00K	0.00K	Hail (0.88)
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Redwood County Lamberton

01	1930CST				0	0	0.00K	0.00K	Hail (0.88)
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A frontal boundary that lied across central Minnesota, was the focus for showers and thunderstorms that developed near Alexandria, and moved to the east-southeast during the afternoon, and evening hours. Other thunderstorms developed across southern Minnesota during the afternoon, and early evening and produced mainly large hail. Tornadoes occurred during the mid afternoon hours, and mainly confined to areas south and east of Glenwood, Minnesota. These tornadoes were brief and caused only minor damage to local trees.

Brown County 3 S Hanska 1 SE Linden

02	1634CST 1646CST				0	0	0.00K	0.00K	Hail (1.25)
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Several spotters and the emergency manager reported a swath of hail stones from near the Watonwan, Brown county line, northeast to the Brown, Blue Earth county line. The largest hail stones were 1.25 inches in diameter.

Blue Earth County 3 N Lake Crystal

02	1710CST				0	0	0.00K	0.00K	Hail (0.75)
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Nicollet County 6 SSE Nicollet 3 WNW North Mankato

02	1718CST 1724CST				0	0	0.00K	0.00K	Hail (1.75)
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Numerous spotters and local law enforcement officials reported a swath of large hail, up to golf ball size, from 6 miles west of North Mankato, to just west of North Mankato.

Nicollet County 2 W North Mankato

02	1725CST 1733CST				0	0	100.00K	0.00K	Hail (2.50)
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Several spotters and local law enforcement officials reports a swath of very large hail from just west of North Mankato, to approximately 2 miles north of North Mankato. Most of the hail was quarter to half dollar size, but a few reports of tennis ball size hail was noted.

Blue Earth County 3 ENE Mankato

02	1735CST				0	0	0.00K	0.00K	Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Brown County
2 NNE Dotson 02 1745CST 0 0 0.00K 0.00K Hail (1.00)

Waseca County
5 NNE Janesville 02 1745CST 0 0 0.00K 0.00K Hail (1.00)

Brown County
3 S Cobden 02 1800CST 0 0 0.00K 0.00K Hail (0.88)

Le Sueur County
1 S Waterville 02 1807CST
1810CST 0 0 0.00K 0.00K Hail (1.25)

Consistent hail of half dollar size was covering the ground from Waterville, and east to Calvary Cemetery.

Rice County
1 SE Morristown 02 1815CST 0 0 0.00K 0.00K Hail (1.00)

In addition to quarter size hail, winds were measured at 51 mph in Morristown.

Rice County
Morristown 02 1819CST 0 0 0.00K 0.00K Hail (1.75)

Rice County
6 SSE Cannon Lake 02 1825CST
1830CST 0 0 0.00K 0.00K Hail (1.00)

Quarter size hail lasted for approximately five minutes south of Cannon Lake.

Rice County
Warsaw 02 1828CST
1830CST 0 0 25.00K 0.00K Hail (1.75)

Golf ball size hail fell in Warsaw, Minnesota, it covered the ground in areas, and damaged numerous cars.

Brown County
7 NNW Hanska 02 1833CST
1836CST 0 0 0.00K 0.00K Hail (1.00)

Quarter size hail was observed for a few minutes north of Hanska, Minnesota.

Rice County
1 SE Sheffield Mill 02 1836CST 0 0 100.00K 0.00K Hail (1.25)

Local officials also reported hail damage to playground equipment, roofs and windows.

Goodhue County
2 N Roscoe Center 02 1840CST 0 0 0.00K 0.00K Hail (1.00)

Rice County
Faribault 02 1842CST 0 0 0.00K 0.00K Hail (1.00)

Goodhue County
1 S Zumbrota 02 1843CST 0 0 0.00K 0.00K Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Rice County

Warsaw

02	1845CST 2045CST				0	0	100.00K	0.00K	Flash Flood
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Heavy rainfall occurred during the early evening of May 2nd. Flooding was observed in the town of Warsaw, with flood waters up to 5 feet in residential areas, stalled cars, and several roads impassable.

Brown County

1 SE New Ulm

02	1847CST				0	0	0.00K	0.00K	Hail (0.75)
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Rice County

Cannon City

02	1847CST				0	0	0.00K	0.00K	Hail (1.00)
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Rice County

Faribault

02	1900CST 2200CST				0	0	100.00K	0.00K	Flash Flood
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Heavy rainfall fell during the evening of May 2nd. Flooding was observed in the town of Faribault, especially in the southeast part of town where flood waters rose up to 5 feet in some residential areas. A local campground had flood waters close both their entrance and exit roads during the height of the storm.

Goodhue County

1 W Roscoe

02	1927CST				0	0	0.00K	0.00K	Hail (1.00)
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Goodhue County

3 SW Wanamingo

02	1930CST				0	0	0.00K	0.00K	Hail (1.75)
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Goodhue County

1 NE Wanamingo

02	1945CST 2245CST				0	0	0.00K	0.00K	Flash Flood
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Heavy rainfall across Goodhue County caused flooding on Highway 57, along the North Fork of the Zumbro River, north of Wanamingo, Minnesota. In addition, over two inches of rainfall was measured near Wanamingo.

Lac Qui Parle County

Rosen

02	2032CST				0	0	0.00K	0.00K	Hail (0.88)
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Lac Qui Parle County

1 ENE Rosen

02	2040CST				0	0	2.00K	0.00K	Hail (2.00)
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Lac Qui Parle County

2 SE Rosen

02	2042CST				0	0	0.00K	0.00K	Hail (1.50)
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Lac Qui Parle County

6 ESE Louisburg

02	2108CST				0	0	0.00K	0.00K	Hail (1.25)
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Chippewa County

1 SE Milan

02	2125CST				0	0	0.00K	0.00K	Hail (2.00)
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Chippewa County

2 NW Watson

02	2138CST				0	0	0.00K	0.00K	Hail (1.00)
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Pope County

6 SW Hareb

02	2150CST				0	0	0.00K	0.00K	Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MINNESOTA, Central and South Central									
Kandiyohi County 1 SE Willmar	02	2315CST			0	0	0.00K	0.00K	Hail (0.75)
Meeker County Grove City	02	2358CST			0	0	0.00K	0.00K	Hail (0.75)
Meeker County 1 SE Grove City	03	0003CST			0	0	0.00K	0.00K	Hail (1.00)
Meeker County 1 S Litchfield	03	0020CST			0	0	0.00K	0.00K	Hail (1.00)
Meeker County 2 SSE (Y69)Litchfield Muni 1 S Litchfield	03	0021CST			0	0	25.00K	0.00K	Thunderstorm Wind (56EG)
Several large tree branches and one large tree blew down in the southern part of Litchfield. In addition, a plane was flipped over at the Litchfield airport.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Wright County 1 NW Buffalo Muni Arpt	03	0121CST			0	0	0.00K	0.00K	Hail (0.75)
Thunderstorms began to develop along a weak frontal boundary across southern Minnesota, between Springfield and Mankato. These storms moved to the east across portions of south central and east central Minnesota and spanned numerous reports of large hail, very heavy rainfall, and gusty winds. Most of the hail stones were one inch in diameter, however, a few reports of up to tennis ball size was reported near Mankato. These storms moved into west central Wisconsin and caused more hail near Lake Pepin. Another complex of storms moved across northeast South Dakota, and into west central Minnesota during the late evening. These storms caused more large hail reports during the early morning in east central Minnesota.									
Hennepin County 1 SE Greenwood	03	0145CST			0	0	100.00K	0.00K	Lightning
Local authorities indicated that lightning struck a home in Rogers, Minnesota, early Thursday morning, May 3rd. The lightning started a fire that caused extensive damage to the roof and lesser damage to the second floor of the home.									
Douglas County 1 E Millerville	03	0521CST			0	0	0.00K	0.00K	Hail (1.00)
Todd County 1 NE Long Prairie	03	0607CST			0	0	0.00K	0.00K	Hail (0.88)
Morrison County 2 S Sobieski	03	0634CST			0	0	0.00K	0.00K	Hail (1.75)
Le Sueur County 3 W Heidelberg	03	0740CST			0	0	0.00K	0.00K	Hail (1.00)
Washington County 1 NW Woodbury	03	0940CST 0942CST			0	0	0.00K	0.00K	Hail (0.75)
Thunderstorms that developed across the Dakotas early Thursday morning, May 3rd, moved into portions of west-central, and central Minnesota. A few of these storms produced large hail. These storms caused another thunderstorm complex to develop in east-central Minnesota, and move eastward into west-central Wisconsin during the mid to late morning of May 3rd.									
Waseca County Waseca	03	1720CST			0	0	0.00K	0.00K	Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Property Damage	Crops	Character of Storm
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MINNESOTA, Central and South Central

Waseca County

1 NNE Waseca	03	1737CST			0	0	0.00K	0.00K	Hail (1.00)
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An old outflow boundary lied across south central Minnesota during the afternoon of May 3rd. Several small thunderstorms developed along this boundary, and produced large hail stones.

Martin County

3 WNW Foxlake	04	1445CST 1446CST	0.1	25	0	0	0.00K	0.00K	Tornado (EF0)
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Storm chasers observed a brief tornado touchdown north of Fox Lake Refuge. No damage occurred as it tracked a few hundred feet across an open field. The tornado was rated an EF0 with a width of 25 yards.

Martin County

6 W Sherburn	04	1452CST			0	0	0.00K	0.00K	Hail (1.00)
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Martin County

1 SW Sherburn	04	1457CST			0	0	0.00K	0.00K	Hail (1.00)
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Martin County

1 W Fairmont Arpt	04	1522CST			0	0	0.00K	0.00K	Hail (0.75)
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Faribault County

2 WNW Kiester	04	1645CST 1655CST	3.44	50	0	0	250.00K	0.00K	Tornado (EF0)
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The emergency manager of Faribault County survey damage associated with a tornado that touched down in the southeast part of the county on May 4th.

The survey indicated that the tornado touchdown approximately 1.7 miles east of Kiester, and tracked east-northeast along County Road 2, and then turned northeast, to 2.4 miles northeast of Kiester before dissipating. The tornado was rated an EF0, with winds of 75 mph. It damaged trees, took down three barns, and destroyed a number of sheds and other outbuildings. In addition, a few windows were blown out, along with several power poles blown down.

A thunderstorm complex developed in southeast South Dakota, and moved eastward along the Minnesota, Iowa border and produced large hail and tornadoes. One of the tornadoes tracked across far southeast Faribault County and damaged several barns and outbuildings near Kiester, Minnesota.

Brown County

New Ulm	05	1148CST			0	0	0.00K	0.00K	Hail (1.00)
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Brown County

New Ulm Arpt	05	1152CST			0	0	0.00K	0.00K	Hail (1.50)
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Nicollet County

3 WNW Courtland	05	1201CST			0	0	0.00K	0.00K	Hail (1.00)
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Washington County

1 N Oakdale	05	1430CST			0	0	25.00K	0.00K	Lightning
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A lightning strike caused a house fire in Oakdale, Minnesota during the afternoon of Saturday May 5th. The fire was confined to the attic and was quickly extinguished.

Stearns County

3 ESE Luxemburg	05	1733CST			0	0	0.00K	0.00K	Hail (0.75)
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Stevens County

1 SE Chokio	05	2045CST			0	0	0.00K	0.00K	Hail (0.88)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MINNESOTA, Central and South Central

Redwood County

(RWF)Redwood Falls A	05	2248CST			0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
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Note: The measured wind gust of 50 knots is equivalent to 58 mph.

Carver County

Cologne	06	0035CST			0	0	0.00K	0.00K	Hail (0.88)
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Carver County

Waconia	06	0039CST			0	0	0.00K	0.00K	Hail (0.75)
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Scott County

1 SE Spring Lake	06	0045CST 0055CST			0	0	0.00K	0.00K	Hail (0.75)
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One half to three quarters of an inch diameter hail fell across the area for approximately 10 minutes.

Carver County

1 NNW Victoria	06	0047CST			0	0	0.00K	0.00K	Hail (0.75)
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Scott County

3 NNW Prior Lake	06	0047CST			0	0	0.00K	0.00K	Hail (0.88)
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Scott County

1 NW Prior Lake	06	0056CST			0	0	0.00K	0.00K	Hail (0.75)
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Hennepin County

1 N Bloomington	06	0106CST			0	0	0.00K	0.00K	Hail (0.75)
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Hennepin County

1 N Bloomington	06	0115CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Several large tree limbs were blown down across Bloomington, Minnesota. In addition, numerous wind sensors across the Twin Cities measured wind speeds between 45 and 55 mph.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Hennepin County

1 N Bloomington	06	0118CST			0	0	0.00K	0.00K	Hail (0.88)
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Dakota County

Hastings	06	0144CST			0	0	0.00K	0.00K	Hail (0.75)
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Dakota County

1 NNE Eagan	06	0153CST			0	0	0.00K	0.00K	Hail (0.75)
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Faribault County

1 NNE Blue Earth	06	0500CST			0	0	0.00K	0.00K	Lightning
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Two people were killed in a house fire in Blue Earth, Minnesota, Sunday morning around 5 a.m. The deceased were a 39 year old male, and a 47 year old male. An investigation found the cause of the fire had been a lightening strike to the home, which had no functioning smoke detectors.

Dakota County

3 NW Farmington	06	0615CST			0	0	0.00K	0.00K	Heavy Rain
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An observer in Farmington, Minnesota, measured 4.37 inches of rainfall over the past 24 hours.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Carver County Waconia

06	0700CST			0	0	0.00K	0.00K	Heavy Rain
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An observer in Waconia, Minnesota, measured 2.70 inches of rainfall over the past 24 hours.

Scott County 2 N Jordan

06	0700CST			0	0	0.00K	0.00K	Heavy Rain
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An observer in Jordan, Minnesota, measured 2.98 inches of rainfall over the past 24 hours.

Two waves of thunderstorms moved across southern and central Minnesota over a span of 12 to 18 hours and produced up to 2 to 5 inches of rainfall across portions of the area. The first complex moved across southern Minnesota and produced large hail near New Ulm. This area quickly moved off to the east into western Wisconsin before dissipating in the afternoon. A second complex of thunderstorms developed across southeast South Dakota in the afternoon, and moved northeast into west central Minnesota and produced large hail near Chokio, Minnesota. This complex then move eastward into east central Minnesota and produced large hail and torrential rainfall during the early morning hours across the Twin Cities Metro area.

Mille Lacs County 2 NNW Milaca

18	1619CST			0	0	0.00K	0.00K	Thunderstorm Wind (68MG)
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A Minnesota Department of Transportation Wind Sensor measured a wind gust of 68 knots.

Note: The measured wind gust of 68 knots is equivalent to 78 mph.

Benton County Sartell

18	1628CST			0	0	0.00K	0.00K	Hail (0.75)
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Benton County Sartell

18	1630CST			0	0	0.00K	0.00K	Hail (0.75)
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Mille Lacs County 3 SW Page

18	1630CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
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Several large spruce trees and an energy power pole were blown down.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Renville County 1 N Buffalo Lake

18	1635CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A large tree was blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Sibley County 10 NNW Gibbon

18	1635CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A large tree was blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Kandiyohi County 1 SE Willmar

18	2030CST			0	0	0.00K	0.00K	Hail (0.88)
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Kandiyohi County 1 S Willmar

18	2040CST			0	0	0.00K	0.00K	Hail (0.75)
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Kandiyohi County 5 WNW Spicer

18	2047CST			0	0	0.00K	0.00K	Hail (1.75)
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Kandiyohi County 5 WNW Spicer

18	2047CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Several power lines were blown down and caused power outages around the area.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Stearns County

4 NNE Belgrade	18	2149CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
1 ESE Elrosa		2153CST							

Several large trees were blown down from north of Belgrade, to Elrosa, Minnesota.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Stearns County

3 SW Sauk Centre Arpt	18	2224CST			0	0	0.00K	0.00K	Hail (1.75)
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Stearns County

1 NE Sauk Centre	18	2236CST			0	0	0.00K	0.00K	Hail (1.00)
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Stearns County

1 NE Sauk Centre	18	2236CST			0	0	0.00K	0.00K	Hail (1.25)
		2241CST							

The large hail stones accumulated up to 2 inches deep in some areas of town.

Todd County

5 SSW Little Sauk	18	2250CST			0	0	0.00K	0.00K	Hail (1.00)
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The large hail stones covered the ground.

The afternoon of Friday, May 18th, the atmosphere was fairly dry near the boundary layer, but due to strong daytime heating, temperatures in the upper 80s, to lower 90s, steep lapse rates developed, and with ample instability above the boundary layer, thunderstorms developed. These storms were high based, but with the steep lapse rates, and modest shear, large hail formed along with several severe wind gusts. More thunderstorms developed during the evening and caused large hail and severe wind gusts from Kandiyohi to Stearns, and Todd Counties.

Renville County

5 NE Beaver Falls	19	1545CST			0	0	0.00K	0.00K	Hail (0.88)
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Mcleod County

4 SSE Heatwole	19	1630CST			0	0	0.00K	0.00K	Hail (0.75)
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Mcleod County

Winsted	19	1650CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A large tree was blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Carver County

Watertown	19	1651CST			0	0	0.00K	0.00K	Hail (0.88)
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Carver County

1 WNW Mayer	19	1655CST			0	0	0.00K	0.00K	Hail (0.75)
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Carver County

1 S Watertown	19	1719CST			0	0	0.00K	0.00K	Hail (0.88)
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Hennepin County

1 SE Rockford	19	1726CST			0	0	0.00K	0.00K	Hail (0.75)
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Hennepin County

1 W Richfield	19	1727CST			0	0	0.00K	0.00K	Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Ramsey County 3 ESE St Paul	19	1730CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A large cottonwood tree limb was blown down near the St. Thomas University, in St. Paul, Minnesota.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Hennepin County 2 NW Maple Plain	19	1735CST			0	0	0.00K	0.00K	Hail (0.75)
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Sherburne County 1 SE Princeton	19	1742CST			0	0	0.00K	0.00K	Hail (0.88)
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Dakota County 2 NW Lakeville	19	1815CST			0	0	0.00K	0.00K	Hail (0.88)
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Scott County 2 S Shakopee	19	1815CST			0	0	0.00K	0.00K	Hail (1.00)
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Dakota County 4 WSW Eagan	19	1823CST			0	0	0.00K	0.00K	Hail (1.00)
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Dakota County 4 WSW Eagan	19	1823CST			0	0	0.00K	0.00K	Hail (1.00)
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Hennepin County 3 S Richfield	19	1823CST			0	0	0.00K	0.00K	Hail (1.00)
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Hennepin County Msp Intl Arpt	19	1830CST			0	0	0.00K	0.00K	Hail (0.75)
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The hail fell at the International Airport Terminal.

Ramsey County 5 SSW St Paul	19	1834CST			0	0	0.00K	0.00K	Hail (1.00)
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Ramsey County 3 ESE St Paul	19	1835CST			0	0	0.00K	0.00K	Hail (1.75)
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The large hail fell on the west side of downtown St. Paul.

Ramsey County St Paul	19	1838CST			0	0	0.00K	0.00K	Hail (0.88)
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Ramsey County 3 SE St Paul	19	1840CST			0	0	0.00K	0.00K	Hail (0.75)
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Ramsey County 2 ESE St Paul	19	1845CST			0	0	0.00K	0.00K	Hail (0.88)
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The large hail fell one block northwest of the state capital building.

Scott County 2 SSW Savage	19	1845CST			0	0	0.00K	0.00K	Hail (0.75)
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Scott County 1 NW Prior Lake	19	1847CST			0	0	0.00K	0.00K	Hail (0.75)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Dakota County
2 ESE Burnsville 19 1858CST 0 0 0.00K 0.00K Hail (1.00)

Dakota County
2 NW Eagan 19 1900CST 0 0 0.00K 0.00K Hail (1.00)

Dakota County
4 SW Eagan 19 1900CST
1905CST 0 0 0.00K 0.00K Hail (1.00)

Quarter size hail lasted for 5 minutes as two waves of thunderstorms moved across the area.

Dakota County
1 N Eagan 19 1910CST 0 0 0.00K 0.00K Hail (1.00)

Hennepin County
2 N Long Lake 19 1935CST 0 0 0.00K 0.00K Hail (0.88)

Several waves of thunderstorms developed along a cold front Saturday afternoon, and evening across eastern Minnesota, and produced several areas of large hail and severe wind gusts.

Pope County
1 ENE Lowry 23 1136CST
1138CST 0 0 0.00K 0.00K Hail (1.00)

Brown County
New Ulm Arpt 23 1553CST
1556CST 0 0 1.00M 0.00K Thunderstorm Wind (65MG)

A 75 mph wind gust was measured at the New Ulm airport. In addition, several buildings east and northeast of the airport were damaged, with damage to parts of the New Ulm Airport terminal building roof. The buildings that were damaged outside of the airport grounds were a car dealership where 50-60 cars were damaged or destroyed, an international trucking company, a cabinet machine shop and a local department store. Each of these companies had mainly roof damage.

Note: The measured wind gust of 65 knots is equivalent to 75 mph.

Nicollet County
1 W Lafayette 23 1558CST 0 0 2.00K 0.00K Thunderstorm Wind (52EG)

Severe straight line winds blew down power lines along County Road 1, west of Lafayette, Minnesota.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Le Sueur County
2 W St Henry 23 1830CST 0 0 0.00K 0.00K Thunderstorm Wind (61EG)

Several large trees were snapped off, plus debris from a shed blew across Highway 112 and County Road 15, and blocked the road.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Scott County
2 S St Benedict 23 1914CST
1916CST 0 0 2.00K 0.00K Thunderstorm Wind (62MG)

A 71 mph wind gust was measured by the Minnesota Department of Transportation wind sensor near New Prague. In addition, a farm to the northeast of this sensor had several large tree limbs, up to 10 inches in diameter, snapped off approximately 15 feet above the base of the tree. Plus, a metal shed roof was partially blown off and thrown into a neighbor's yard.

Note: The measured wind gust of 62 knots is equivalent to 71 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Scott County

1 SSE Spring Lake	23	1926CST 1927CST			0	0	0.00K	0.00K	Thunderstorm Wind (51MG)
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A private wind sensor measured a wind gust of 59 mph west of Prior Lake, Minnesota. In addition, two trees were blown down east of the measured wind gust, one had a six inch diameter base.

Thunderstorms developed along a cold front across western Minnesota during the afternoon of May 23rd, and moved slowly eastward. However, additional thunderstorms developed south and raced northeast across south central and east central Minnesota, some of which produced severe wind gusts in excess of 70 mph at times. Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Anoka County

2 SE St Francis	24	0430CST			0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.50 inches in the last 24 hours.

Anoka County

2 ESE Anoka	24	0500CST			0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.00 inches in the last 24 hours.

Anoka County

3 NW Andover	24	0500CST			0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.01 inches in the last 24 hours.

Hennepin County

3 N Maple Grove	24	0500CST			0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.22 inches in the last 24 hours.

Hennepin County

3 S Champlin	24	0500CST			0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.00 inches in the last 24 hours.

Wright County

1 NE Albertville	24	0500CST			0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.73 inches in the last 24 hours.

Wright County

1 NW Buffalo Muni Arpt	24	0530CST			0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 4.77 inches in the last 24 hours.

Anoka County

2 WSW Ramsey	24	0600CST			0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.21 inches in the last 24 hours.

Carver County

1 NNW Victoria	24	0600CST			0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.18 inches in the last 24 hours.

Carver County

2 WSW Chanhassen	24	0600CST			0	0	0.00K	0.00K	Heavy Rain
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The National Weather Service Office measured 3.14 inches in the last 24 hours.

Hennepin County

Minneapolis	24	0600CST			0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.05 inches in the last 24 hours.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Hennepin County
2 SSW Corcoran

24	0600CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.32 inches in the last 24 hours.

Mcleod County
Lester Prairie

24	0600CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.44 inches in the last 24 hours.

Mcleod County
Brownton

24	0600CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.57 inches in the last 24 hours.

Sherburne County
2 NNE Elk River

24	0600CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.50 inches in the last 24 hours.

Sherburne County
3 SE Orrock

24	0600CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.56 inches in the last 24 hours.

Sibley County
Gaylord

24	0600CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.46 inches in the last 24 hours.

Sibley County
1 NW Green Isle

24	0600CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.21 inches in the last 24 hours.

Hennepin County
1 W Osseo

24	0630CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.24 inches in the last 24 hours.

Anoka County
2 ENE East Bethel

24	0700CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.32 inches in the last 24 hours.

Brown County
3 S Linden

24	0700CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.01 inches in the last 24 hours.

Carver County
Waconia

24	0700CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.37 inches in the last 24 hours.

Carver County
Hamburg

24	0700CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.25 inches in the last 24 hours.

Hennepin County
2 ESE Edina

24	0700CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.08 inches in the last 24 hours.

Hennepin County
1 S Champlin

24	0700CST				0	0	0.00K	0.00K	Heavy Rain
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A local observer measured 3.43 inches in the last 24 hours.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
MINNESOTA, Central and South Central									
Ramsey County 1 N Arden Hills	24	0700CST			0	0	0.00K	0.00K	Heavy Rain
	A local observer measured 3.17 inches in the last 24 hours.								
Sibley County 4 ESE Gaylord	24	0700CST			0	0	0.00K	0.00K	Heavy Rain
	A local observer measured 3.85 inches in the last 24 hours.								
Wright County 2 ESE Albertville	24	0700CST			0	0	0.00K	0.00K	Heavy Rain
	A local observer measured 3.48 inches in the last 24 hours.								
Wright County 2 SSE Montrose	24	0700CST			0	0	0.00K	0.00K	Heavy Rain
	A local observer measured 3.83 inches in the last 24 hours.								
Wright County 3 W Delano	24	0800CST			0	0	0.00K	0.00K	Heavy Rain
	A local observer measured 5.20 inches in the last 24 hours.								
Isanti County 1 SSE Pine Brook	24	0900CST			0	0	0.00K	0.00K	Heavy Rain
	A local observer measured 3.60 inches in the last 24 hours.								
Kanabec County 6 SW Ogilvie	24	1000CST			0	0	0.00K	0.00K	Heavy Rain
	A local observer measured 3.60 inches in the last 24 hours.								
Watonwan County 3 WNW Sveadahl	24	1100CST			0	0	0.00K	0.00K	Heavy Rain
	A local observer measured 3.27 inches in the last 24 hours.								
Carver County Cologne	24	1200CST			0	0	0.00K	0.00K	Heavy Rain
	A local observer measured 4.20 inches in the last 24 hours. Several rounds of thunderstorms during the afternoon, and through the overnight hours caused excessive rainfall amounts of 2 to locally 6 inches across portions of east-central Minnesota.								
Blue Earth County 1 E Mankato	24	1214CST			0	0	0.00K	0.00K	Hail (0.88)
Hennepin County 1 N Bloomington	24	1215CST			0	0	0.00K	0.00K	Hail (0.88)
Hennepin County 1 W Richfield	24	1217CST			0	0	0.00K	0.00K	Hail (0.88)
Le Sueur County 1 SE Kasota	24	1222CST 1224CST			0	0	0.00K	0.00K	Hail (0.88)
Hennepin County 1 NNE Richfield	24	1223CST			0	0	0.00K	0.00K	Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MINNESOTA, Central and South Central

Hennepin County

1 N Golden Vly 24 1230CST 0 0 0.00K 0.00K Hail (0.75)

Chisago County

1 NNW Chisago City 24 1252CST 0 0 0.00K 0.00K Hail (0.88)

Numerous thunderstorms continued to develop along and behind a cold front, that continued to move slowly eastward during the afternoon. Some of the stronger storms produced up to nickel size hail across portions of south central and east central Minnesota during the afternoon of Thursday May, 24th.

Anoka County

3 NW Andover 24 1300CST 0 0 0.00K 0.00K Heavy Rain

A local observer measured 5.50 inches in the last 24 hours.

Isanti County

2 NW Dalbo 24 1300CST 0 0 0.00K 0.00K Heavy Rain

A local observer measured 4.25 inches in the last 24 hours.

Kanabec County

7 SW Ogilvie 24 1330CST 0 0 0.00K 0.00K Heavy Rain

A local observer measured 4.10 inches in the last 24 hours.

Isanti County

3 SE Oxlio 24 1500CST 0 0 0.00K 0.00K Heavy Rain

A local observer measured 5.50 inches in the last 24 hours.

Hennepin County

1 NE Loretto 24 1600CST 0 0 0.00K 0.00K Heavy Rain

A local observer measured 4.60 inches in the last 24 hours.

Several rounds of thunderstorms during the afternoon, and through the overnight hours caused excessive rainfall amounts of 2 to locally 6 inches across portions of east-central Minnesota.

Redwood County

5 W Walnut Grove Arpt 26 0705CST 0 0 0.00K 0.00K Hail (0.75)

Hennepin County

2 W Brooklyn Park 26 1000CST 0 0 75.00K 0.00K Lightning

Brooklyn Park authorities said that lightning sparked a fire at a home in the 7000 block of 90th Avenue North about 11 a.m CDT. The residents were home at the time and escaped without injury, but much of the home was left uninhabitable and there was extensive damage to the garage.

Rice County

1 SE Nerstrand 26 1235CST
1240CST 0 0 0.00K 0.00K Hail (1.00)

Dakota County

3 WSW Eagan 26 1417CST 0 0 0.00K 0.00K Hail (0.88)

Dakota County

2 WNW Eagan 26 1418CST 0 0 0.00K 0.00K Hail (1.00)

Dakota County

2 NNE Eagan 26 1426CST 0 0 0.00K 0.00K Hail (0.88)

Dakota County

Inver Grove Heights 26 1436CST 0 0 0.00K 0.00K Hail (1.50)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
MINNESOTA, Central and South Central									
Dakota County 2 W St Paul Park	26	1438CST			0	0	0.00K	0.00K	Hail (1.50)
Washington County 2 ENE Woodbury Newport	26	1440CST 1450CST			0	0	0.00K	0.00K	Hail (1.75)
Several areas between Newport and Woodbury received up to golf ball size hail.									
Washington County 1 SW Woodbury	26	1447CST			0	0	100.00K	0.00K	Hail (1.75)
The public reported golf ball hail near the intersection of Bailey Road, and Woodlane in Woodbury, Minnesota. In addition, roof and car damage was reported around Woodbury due to the large hail stones.									
Washington County Afton	26	1500CST			0	0	0.00K	0.00K	Hail (1.00)
One inch diameter hail was reported at the Afton Marina, in Afton, Minnesota.									
A large thunderstorm complex that developed across southern Minnesota during the afternoon of Saturday, May 26th, quickly became severe in portions of east central Minnesota and produced up to golf ball size hail in the western part of the Twin Cities. These storms moved into western Wisconsin and dissipated prior to sunrise.									
Mille Lacs County Wahkon	27	0050CST 0052CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
A few large trees were blown down on the southeast part of Lake Mille Lacs.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Mille Lacs County 1 NE Isle	27	0055CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
Several large trees were uprooted near Isle, Minnesota. A trailer court had to be evacuated due to a gas leak caused by the downed trees.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Morrison County 4 SSE Sullivan	27	0200CST 0300CST			0	0	0.00K	0.00K	Flash Flood
Rainfall amounts of two to three inches in less than two hours, caused Highway 27, east of 370th Street to flood during the morning hours of May 27th.									
Thunderstorms that developed across southern Minnesota, moved northward during the evening of Saturday May 26th, and produced torrential rainfall, and damaging winds in portions of the Mille Lacs Lake area.									
Le Sueur County 2 WNW Le Center	27	1800CST			0	0	0.50K	0.00K	Hail (1.00)
Some of the hail broke windows.									
Le Sueur County 1 SE New Prague	27	1812CST			0	0	0.00K	0.00K	Hail (1.00)
Scott County 1 SE Belle Plaine	27	1828CST			0	0	0.00K	0.00K	Hail (0.75)
Scott County 3 E Jordan	27	1834CST			0	0	0.00K	0.00K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
MINNESOTA, Central and South Central									
Scott County 2 SSW Merriam	27	1835CST			0	0	0.00K	0.00K	Hail (1.00)
Redwood County 1 S Wabasso	27	1840CST			0	0	25.00K	0.00K	Thunderstorm Wind (56EG)
									A pole barn and several trees were blown down. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.
Ramsey County 1 S Falcon Hgts	27	1842CST			0	0	0.00K	0.00K	Hail (1.00)
Hennepin County 3 SE Deephaven	27	1850CST			0	0	0.00K	0.00K	Hail (0.88)
Redwood County 4 S Redwood Falls	27	1850CST			0	0	25.00K	0.00K	Thunderstorm Wind (56EG)
									Several trees were blown down, and one half of a barn's roof was blown off. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.
Sibley County 1 WNW Rush River	27	1853CST			0	0	0.00K	0.00K	Hail (1.00)
Hennepin County Deephaven	27	1853CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									A large tree fell on a power line at Hillcrest and Minnetonka. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Sibley County 2 ESE Arlington	27	1859CST			0	0	0.00K	0.00K	Thunderstorm Wind (60EG)
									Power lines were blown down southeast of Arlington, Minnesota. Note: The estimated wind gust of 60 knots is equivalent to 69 mph.
Redwood County (RWF)Redwood Falls A	27	1901CST			0	0	0.00K	0.00K	Thunderstorm Wind (56MG)
									The Redwood Falls airport measured a wind gust of 56 knots. Note: The measured wind gust of 56 knots is equivalent to 64 mph.
Hennepin County Minneapolis	27	1909CST 1912CST			0	0	0.00K	0.00K	Hail (0.88)
Nicollet County 1 W North Mankato	27	1910CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									A large tree was blown down in North Mankato. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Sibley County Gaylord	27	1918CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									A large tree was uprooted on Division Street in downtown Gaylord. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Anoka County Coon Rapids	27	1920CST			0	0	0.00K	0.00K	Hail (0.88)
Anoka County 2 NE Coon Rapids	27	1920CST			0	0	0.00K	0.00K	Hail (0.88)
Anoka County 1 SSW Spring Lake Park	27	1920CST 1925CST			0	0	25.00K	0.00K	Thunderstorm Wind (56EG)
<p>There were numerous reports of trees blown down from Fridley, to Spring Lake Park. In addition, two trees landed on a mobile home in Fridley.</p> <p>Note: The estimated wind gust of 56 knots is equivalent to 64 mph.</p>									
Anoka County 1 N Lexington 1 NE Blaine	27	1920CST 1930CST			0	0	50.00K	0.00K	Thunderstorm Wind (56EG)
<p>There were numerous reports of downed trees and power lines throughout Blaine. In addition, a boat was overturned on an area lake, and a tree landed on a car.</p> <p>Note: The estimated wind gust of 56 knots is equivalent to 64 mph.</p>									
Anoka County Coon Rapids	27	1924CST			0	0	0.00K	0.00K	Hail (1.25)
Anoka County Fridley	27	1926CST			0	0	0.00K	0.00K	Hail (0.75)
Anoka County 1 SE Blaine	27	1930CST			0	0	0.00K	0.00K	Hail (1.00)
Anoka County 3 S Bethel	27	1930CST			0	0	0.00K	0.00K	Hail (0.88)
Anoka County 2 W Blaine	27	1930CST			0	0	0.00K	0.00K	Hail (1.00)
Anoka County 1 SE Blaine	27	1931CST			0	0	0.00K	0.00K	Hail (1.50)
Wright County 1 S Clearwater	27	1931CST			0	0	0.00K	0.00K	Thunderstorm Wind (59MG)
<p>A Minnesota Department of Transportation wind sensor measured a wind gust of 59 knots.</p> <p>Note: The measured wind gust of 59 knots is equivalent to 68 mph.</p>									
Anoka County 4 SE East Bethel 3 SSW Linwood	27	1932CST 1937CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
<p>Several trees were blown down northeast of Ham Lake, near Coon Lake.</p> <p>Note: The estimated wind gust of 52 knots is equivalent to 60 mph.</p>									
Anoka County 1 SE East Bethel	27	1937CST 1942CST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
<p>Several power lines were blown down near East Bethel, Minnesota.</p> <p>Note: The estimated wind gust of 52 knots is equivalent to 60 mph.</p>									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Anoka County

2 ENE East Bethel 27 1940CST 0 0 0.00K 0.00K Hail (1.00)

Anoka County

1 SSE St Francis 27 1950CST 0 0 0.00K 0.00K Hail (1.50)

Isanti County

6 SSW Isanti 27 1950CST
1952CST 0 0 10.00K 0.00K Thunderstorm Wind (56EG)

Numerous reports of downed trees and power lines across southern Isanti County between Highway 47 and 65, north of 245 Street.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Goodhue County

Stanton Carleton Arp 27 2020CST 0 0 0.00K 0.00K Thunderstorm Wind (53MG)

The Stanton airport measured a wind gust of 53 knots.

Note: The measured wind gust of 53 knots is equivalent to 61 mph.

Sherburne County

2 SW Clear Lake 27 2020CST 0 0 0.00K 0.00K Thunderstorm Wind (63MG)

A trained spotter measured a wind gust of 63 knots between Clear Lake, and Clearwater on County Road 8.

Note: The measured wind gust of 63 knots is equivalent to 72 mph.

Sherburne County

2 NNE Cable 27 2034CST 0 0 0.00K 0.00K Thunderstorm Wind (64MG)

The St. Cloud airport had a measured wind gust of 64 knots.

Note: The measured wind gust of 64 knots is equivalent to 74 mph.

Mille Lacs County

2 WSW Foreston 27 2048CST 0 0 0.00K 0.00K Thunderstorm Wind (56EG)

Several large trees were blown down on the Benton, and Mille Lacs County line, approximately 3 miles northeast of Oak Park.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Anoka County

1 NW Lexington 27 2136CST 0 0 0.00K 0.00K Thunderstorm Wind (52EG)

A seven foot section of a fence was blown down in Lexington, Minnesota.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Ramsey County

1 N North St Paul 27 2219CST 0 0 0.00K 0.00K Thunderstorm Wind (51MG)

A trained spotter measured a wind gust of 51 knots from his hand held wind sensor.

Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Carver County

1 SSE Young America 27 2300CST
28 0100CST 0 0 1.00K 0.00K Flash Flood

Two rounds of heavy rainfall caused a culvert on Salem Avenue, one half mile south of Highway 212 to washout and close for a period of time.

Bands of thunderstorms developed during the afternoon of Sunday, May 27th, across portions of southwest, and east central Minnesota. By the early evening, a line of thunderstorms develop from the southwest, northeast to east central Minnesota, with numerous small storms across west central and central Minnesota. Some of the storms trained across east central Minnesota where flash flooding was reported. Some of the storms in southwest Minnesota, moved into south central Minnesota and produced damaging straight line winds near Redwood Falls. Eventually, all of the storms slowly moved eastward during the early morning of May 28th and became more heavy rainfall producers, with only small hail and gusty winds reported.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Central and South Central

Stearns County 2 NE St Joseph	28	1335CST			0	0	25.00K	0.00K	Hail (2.50)
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Stearns County St Joseph	28	1340CST 1342CST			0	0	0.00K	0.00K	Hail (1.50)
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Stearns County Sartell	28	1340CST 1342CST			0	0	0.00K	0.00K	Hail (1.00)
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Stearns County Sartell	28	1345CST 1350CST			0	0	20.00K	0.00K	Hail (2.00)
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Several reports of large hail occurred around Sartell, Minnesota. The largest hailstone was hen egg size. In addition, some cars had hail damage.

Stearns County 1 SSW Pleasant Lake	28	1349CST			0	0	0.00K	0.00K	Hail (1.00)
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Morrison County 7 SSE Hillman	28	1356CST 1401CST			0	0	0.00K	0.00K	Hail (1.50)
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Half dollar size hail occurred for approximately five minutes.

Mille Lacs County 5 N Page	28	1405CST			0	0	0.25K	0.00K	Hail (2.00)
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The large hail stone damaged the storm spotter truck windshield.

Benton County 1 NE Gilman	28	1412CST			0	0	0.00K	0.00K	Hail (1.00)
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Kanabec County 6 WSW Warman	28	1438CST 1443CST			0	0	0.00K	0.00K	Hail (1.00)
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The observer reported lots of penny, up to quarter size hail for approximately five minutes.

Mille Lacs County 2 NNW Milaca	28	1450CST			0	0	0.00K	0.00K	Hail (0.88)
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Sherburne County 1 SW Zimmerman	28	1502CST			0	0	0.00K	0.00K	Hail (0.75)
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A small complex of thunderstorms developed across central Minnesota during the afternoon of Monday, May 28th. The storms quickly became severe, and produced up to hen size hail around St. Cloud, and Sartell, Minnesota. Most of the storms weakened after 6 pm, and moved into west central Wisconsin.

MINNESOTA, Northeast

MNZ020-021									
		Southern Cook - Southern Lake							
	01	0001CST							
	22	1800CST			0	0	0.00K	0.00K	Drought

Long-term severe drought across the entire Minnesota arrowhead and areas to the west slowly shrank and dissipated at the end of April and during early May.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Northeast

Crow Wing County

1 SE Cross Lake

03	0015CST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Numerous trees were blown down along County Roads 3, 103, and also 120.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Crow Wing County

2 ENE Cross Lake

03	0020CST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Ten trees were snapped off and two others uprooted at a USACE camp ground. Several other trees were blown down on structures around the camp.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

St. Louis County

6 SSW Pequaywan Lake

03	0250CST				0	0	0.00K	0.00K	Hail (0.75)
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Low pressure over southwest Minnesota strengthened a warm front over central Wisconsin early in the morning of May 3rd. Unstable air lofted over cold surface air resulted in reports of down-burst winds and some hail across Crow Wing and also St Louis counties.

Crow Wing County

Brainerd

23	1837CST				0	0	140.00K	0.00K	Lightning
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Two homes were completely destroyed by the lightning-induced fires.

Cook County

1 E Taconite Harbor

24	1830CST				0	0	0.00K	0.00K	Flash Flood
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Water covered US Route 61.

A cold front moved slowly eastward into very warm unstable air during the evening of May 23rd and across the Minnesota Arrowhead beginning the morning of May 24th. Thunderstorms with very heavy rain and intense lightning resulted in reports of 3 to 4 inches of rain across Pine, Carlton, St Louis, Lake and Cook Counties of northern MN. Flash flooding affected Route 61 in Cook County on the 24th.

Aitkin County

Aitkin

1 NW Aitkin Arpt

26	0300CST				0	0	0.00K	0.00K	Flood
31	2359CST				0	0	0.00K	0.00K	Flood

Substantial rainfall on May 19th and 20th did not result in river flooding, but set up a situation for river flooding resulting from heavy rain on May 24th and early May 25th. River flooding began on the St Louis River, at Scanlon MN on May 29th. Flooding on the Mississippi River began at Aitkin MN on May 26th, and began further downstream at Brainerd MN and Ft Ripley MN on May 28th. Flooding continued to the end of the month.

Pine County

1 SW Hinckley

27	1903CST				0	0	0.00K	0.00K	Hail (0.88)
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Low pressure over South Dakota on May 27th was connected to a warm front across southern MN and southern WI. The warm front crept north...reaching a position about 100 miles south of Lake Superior during May 28th. Rapidly moving troughs moved eastward along and just north of the warm front, resulting in severe convective weather and some rainfall reports of as much as 3 to 4 inches across northeast Minnesota.

Crow Wing County

Brainerd

28	0100CST				0	0	0.00K	0.00K	Flood
31	2359CST				0	0	0.00K	0.00K	Flood

Crow Wing County

8 SSE Ft Ripley

28	0100CST				0	0	0.00K	0.00K	Flood
31	2359CST				0	0	0.00K	0.00K	Flood

Substantial rainfall on May 19th and 20th did not result in river flooding, but set up a situation for river flooding resulting from heavy rain on May 24th and early May 25th. River flooding began on the St Louis River, at Scanlon MN on May 29th. Flooding on the Mississippi River began at Aitkin MN on May 26th, and began further downstream at Brainerd MN and Ft Ripley MN on May 28th. Flooding continued to the end of the month.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MINNESOTA, Northeast									
Crow Wing County 1 S Deerwood	28	1120CST			0	0	0.00K	0.00K	Hail (0.88)
Crow Wing County 1 N Ironton	28	1120CST			0	0	0.00K	0.00K	Hail (1.00)
Aitkin County 1 S Aitkin	28	1129CST			0	0	0.00K	0.00K	Hail (1.00)
Aitkin County 1 N Bennettville	28	1150CST			0	0	0.00K	0.00K	Hail (1.75)
Carlton County 1 SW Sawyer	28	1310CST			0	0	0.00K	0.00K	Hail (1.75)
									A wall cloud was also spotted.
Carlton County Sawyer	28	1310CST			0	0	0.00K	0.00K	Hail (1.00)
Carlton County 1 E Sawyer	28	1310CST			0	0	0.00K	0.00K	Hail (1.00)
									Hail stripped the leaves off trees.
Carlton County 1 S Carlton	28	1314CST			0	0	0.00K	0.00K	Hail (1.00)
									The hail covered the ground.
Cass County 6 S Leader	28	1315CST			0	0	0.00K	0.00K	Hail (0.75)
Carlton County 2 WSW Carlton	28	1325CST			0	0	0.00K	0.00K	Hail (1.75)
Carlton County 2 WNW Cloquet	28	1325CST			0	0	0.00K	0.00K	Hail (0.75)
St. Louis County 1 SSE Duluth Hgts 1 SSW Duluth	28	1334CST			0	0	0.00K	0.00K	Flash Flood
									Three inches of water covered 88th Avenue West at Grand Avenue.
Carlton County 2 E Sawyer	28	1334CST			0	0	0.00K	0.00K	Hail (1.00)
									The hail shredded leaves on trees.
St. Louis County 1 SSE Duluth Hgts	28	1334CST			0	0	0.00K	0.00K	Hail (1.50)
St. Louis County 1 E Eldes Corner	28	1347CST			0	0	0.00K	0.00K	Hail (1.00)
St. Louis County 1 NE New Duluth	28	1355CST			0	0	0.00K	0.00K	Hail (1.75)
									The hail shredded leaves and damaged siding.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Northeast

St. Louis County 4 SW Duluth	28	1420CST			0	0	0.00K	0.00K	Hail (1.00)
St. Louis County 1 S Proctor	28	1430CST			0	0	0.00K	0.00K	Hail (0.75)
Carlton County 1 S Carlton	28	1436CST			0	0	0.00K	0.00K	Hail (0.75)
Pine County Askov	28	1444CST			0	0	0.00K	0.00K	Hail (0.75)
Pine County 1 W Willow River	28	1532CST			0	0	0.00K	0.00K	Flash Flood
Scotch Pine Road was washed out for 1000 yards at Highway 41.									
Pine County Bruno	28	1545CST			0	0	0.00K	0.00K	Hail (0.75)
Itasca County 10 SE Grand Rapids	28	1559CST			0	0	0.00K	0.00K	Hail (0.75)

Low pressure over South Dakota on May 27th was connected to a warm front across southern MN and southern WI. The warm front crept north...reaching a position about 100 miles south of Lake Superior during May 28th. Rapidly moving troughs moved eastward along and just north of the warm front, resulting in severe convective weather and some rainfall reports of as much as 3 to 4 inches across northeast Minnesota.

Carlton County 2 WNW Cloquet	29	0100CST			0	0	0.00K	0.00K	Flood
	31	1800CST			0	0	0.00K	0.00K	Flood

Substantial rainfall on May 19th and 20th did not result in river flooding, but set up a situation for river flooding resulting from heavy rain on May 24th and early May 25th. River flooding began on the St Louis River, at Scanlon MN on May 29th. Flooding on the Mississippi River began at Aitkin MN on May 26th, and began further downstream at Brainerd MN and Ft Ripley MN on May 28th. Flooding continued to the end of the month.

MINNESOTA, Northwest

Otter Tail County 6 WSW Phelps	02	2355CST			0	0			Thunderstorm Wind (65EG)
In the Weetown area north of Fergus Falls, boats were blown onto roads, fish houses were tipped over, and trailers and trees were blown over.									
Note: The estimated wind gust of 65 knots is equivalent to 75 mph.									
Otter Tail County 4 WSW Maine	03	0000CST			0	0	5.00K		Thunderstorm Wind (70EG)
Damaging thunderstorm winds tracked from the Fish Lake area into the West Long Lake area to near Phelps Mill. Several poplar trees were snapped, some shingles and house trim was torn loose, and one loosely anchored shed was thrown across the road and destroyed. Peak winds were estimated at 80 mph.									
Note: The estimated wind gust of 70 knots is equivalent to 81 mph.									
Otter Tail County 4 ENE Urbank	03	0530CST			0	0			Hail (1.00)

The hail varied in size from mothball to quarter size.

As thunderstorms rolled across extreme southeast North Dakota into west central Minnesota, they produced strong winds along a line from Gwinner, North Dakota, to just north of Fergus Falls, Minnesota. The highest wind gusts, 83 mph, were measured just south of the Wahpeton, North Dakota, airport. Several hours later, another thunderstorm produced large hail west of Parkers Prairie.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MINNESOTA, Northwest									
Grant County Hoffman	05	2114CST			0	0			Hail (1.00)
The storm left banks of mainly dime to nickel sized hail covering the ground, although there were also some quarter sized hail in the mix. Heavy rain and moderate to strong winds accompanied the hail.									
A line of thunderstorms formed across west central Minnesota, clipping the southern portions of Grant County. Large hail was reported in Hoffman. Many other areas reported the ground white with pea sized hail.									
Hubbard County 2 E Rosby	18	1810CST			0	0	1.00K	0.00K	Thunderstorm Wind (60EG)
Small trees were blown down at a residence near the intersection of U. S. Highway 2 and county road 45, near Grace Lake.									
Note: The estimated wind gust of 60 knots is equivalent to 69 mph.									
Beltrami County 5 ESE Lavinia	18	1820CST			0	0	10.00K	0.00K	Thunderstorm Wind (70EG)
A 100 yard row of trees were flattened from south to north. The area impacted was along Roosevelt Road just west of School Lake.									
Note: The estimated wind gust of 70 knots is equivalent to 81 mph.									
Wadena County 3 N Wadena Arpt	18	2155CST			0	0			Hail (1.00)
Nickel to quarter sized hail fell with gusty winds. Some garden damage was reported.									
During the evening of the 18th, a cold front set up along a line from central South Dakota through Hillsboro to near the Lake of the Woods. With a mid level trough over the Rockies and a ridge over the Great Lakes, this boundary did not move much through the evening. Several upper level disturbances ejecting out of the southwest flow helped initiate several thunderstorms that produced damaging winds and large hail.									
Polk County 6 N Northland	22	2220CST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
Numerous three to four inch diameter tree limbs were blown down in a yard.									
A cold front pushed east across North Dakota late in the evening of the 22nd. As of 9 pm CST, the cold front had moved into central North Dakota with another stationary boundary extending from the Turtle Mountains to the U. S. Highway 2 corridor in Minnesota. As the low level jet intensified in the evening, a cluster of thunderstorms moved into south central and southeast North Dakota. This cluster of storms moved north-northeast through the late evening and produced several severe thunderstorms. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Wilkin County 3 WSW Tenney	26	2250CST			0	0			Hail (0.88)
Nickel sized hail fell at the intersection of highways 55 and 75.									
Elevated thunderstorms flared up in the mid to late evening over South Dakota and moved into southeast North Dakota in the late evening. These thunderstorms gradually weakened as they moved north but some large hail fell over portions of Richland County (ND) and Wilkin County (MN).									
Becker County 4 WSW Lake Park 1 NW Detroit Lakes	27	0619CST 1200CST			0	0	5.00K	100.00K	Flood
Clay County 6 SSW Baker 2 SSE Stockwood	27	0619CST 1200CST			0	0	5.00K	100.00K	Flood
Otter Tail County 3 SE Paddock 4 E Lyman	27	0619CST 1200CST			0	0	5.00K	100.00K	Flood

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Northwest

Wadena County

2 WNW Sebeka	27	0619CST			0	0	5.00K	50.00K	Flood
1 NE Oylen		1200CST							

Wilkin County

Rothsay	27	0619CST			0	0	5.00K	50.00K	Flood
4 NE Mc Cauleyville		1200CST							

In the early morning hours of the 27th, an 850mb warm front was draped west to east across southeast North Dakota and west central Minnesota. A strong low level jet kept redeveloping bands of strong thunderstorms, which dropped heavy amounts of rain from Moorhead to Perham to Wadena. A wide swath of two to six inches of rain fell along this line, which resulted in water flowing over fields and roads as well as streets in towns. The highest rainfall total, 5.75 inches, fell about three miles north-northwest of Wadena, Minnesota.

MINNESOTA, Southeast

MNZ079-086-094

Dodge - Mower - Olmsted - Wabasha

01		0000CST							
08		0500CST			0	0	0.00K	0.00K	Drought

Between 2 and 3 inches of rain fell across southeast Minnesota during the first week of May. This rain, combined with the rain that fell over the last half of April, was enough to elevate the soil moisture and end the severe drought that began in October 2011.

Olmsted County

Marion	01	2345CST			0	0	30.00K	0.00K	Lightning
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Lightning hit a power substation in Rochester causing power outages and damage to the substation. About 1,800 residences and businesses in the Eyota, Marion, Pleasant Grove, Stewartville and south Rochester's areas lost power.

Lightning hit a power substation in Rochester (Olmsted County) and caused power outages to residences and damage to the substation in the late evening hours on May 1st.

Dodge County

5 NNE Rice Lake	02	1800CST			0	0	0.00K	0.00K	Hail (0.88)
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Pea to nickel size hail covered the ground across far northwest Dodge County.

Wabasha County

2 SE Plainview	02	1828CST			0	0	0.00K	0.00K	Hail (0.75)
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Wabasha County

3 E Plainview	02	1832CST			0	0	0.00K	0.00K	Hail (1.00)
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Wabasha County

2 NW Bear Vly	02	1925CST			0	0	0.00K	0.00K	Hail (1.00)
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Wabasha County

2 W Oak Center	02	1933CST			0	0	0.00K	0.00K	Hail (1.50)
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Wabasha County

2 NW Oak Center	02	1938CST			0	0	0.00K	0.00K	Hail (1.75)
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Wabasha County

4 NE Oak Center	02	1945CST			0	0	0.00K	0.00K	Hail (1.75)
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Wabasha County

5 N West Alban	02	1949CST			0	0	0.00K	0.00K	Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Southeast

Wabasha County 1 SE Bellechester Lake City

02	2000CST 2300CST				0	0	60.00K	0.00K	Flash Flood
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Locally heavy rains across the north half of Wabasha County produced mudslides on U.S. Highway 61, caused water to go over County Road 15 at the intersection with U.S. Highway 63 and flooded basements.

Wabasha County 2 WSW Reads Lndg

02	2014CST				0	0	0.00K	0.00K	Hail (1.00)
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Wabasha County 2 ENE Dumfries

02	2015CST				0	0	2.00K	0.00K	Hail (1.75)
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Wabasha County 1 SSE Reads Lndg

02	2017CST				0	0	3.60K	0.00K	Hail (1.75)
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Golf ball size hail was reported along with an estimated wind gust of 50 miles per hour on County Road 10 two miles west of Wabasha.

Wabasha County 5 NE Oak Center

02	2018CST				0	0	500.00K	315.00K	Thunderstorm Wind (59EG)
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As a severe thunderstorm moved across the northern section of Wabasha County it dropped large hail damaging around 30 percent of the county's alfalfa crop. On farms near Lake City, up to 80 percent of the alfalfa crop was damaged, one cow was killed and irrigation systems were twisted by the wind.

Note: The estimated wind gust of 59 knots is equivalent to 68 mph.

Wabasha County 1 WSW Wabasha

02	2020CST				0	0	15.00K	0.00K	Thunderstorm Wind (64MG)
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A wind gust to 74 mph was measured in the city of Wabasha which blew trees down and caused power outages.

Note: The measured wind gust of 64 knots is equivalent to 74 mph.

Wabasha County 1 NNW Kellogg

02	2022CST				0	0	0.00K	0.00K	Thunderstorm Wind (56MG)
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A Minnesota Department of Transportation automated weather observing equipment measured a wind gust of 64 miles per hour near Kellogg.

Severe thunderstorms moved along a stationary front over southern Minnesota during the late evening hours on May 2nd producing large hail and high winds over portions of Dodge and Wabasha Counties. The hail ranged in size from one inch in diameter near Bear Valley (Wabasha County) to golf ball size hail in the city of Wabasha (Wabasha County). A wind gust of 74 mph was also reported in the Wabasha, MN area. Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Fillmore County 1 NE Harmony

03	0537CST				0	0	2.00K	0.00K	Thunderstorm Wind (61EG)
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An estimated wind gust of 70 mph knocked down trees in Harmony. In addition, A NWS Storm Survey found a 20 inch tree branch snapped at the high school.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Fillmore County Bratsberg

03	0558CST				0	0	1.00K	0.00K	Thunderstorm Wind (62EG)
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Trees were knocked down blocking State Highway 43 near Bratsberg.

Note: The estimated wind gust of 62 knots is equivalent to 71 mph.

Houston County 2 NNW Caledonia

03	0610CST				0	0	5.00K	0.00K	Thunderstorm Wind (59EG)
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Trees were blown down onto parts of State Highway 76 between Houston and Caledonia.

A line of thunderstorms moved along a stationary front during the early morning of May 3rd. These storms knocked down trees in Harmony (Fillmore County), near Bratsberg (Fillmore County) and between Houston and Caledonia (Houston County).

Note: The estimated wind gust of 59 knots is equivalent to 68 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Southeast

Dodge County West Concord

04	1720CST 2000CST				0	0	0.00K	0.00K	Heavy Rain
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In about two and a half hours, 3.5 inches of rain fell in West Concord.

Mower County 2 W Le Roy

04	1817CST				0	0	0.00K	0.00K	Hail (0.75)
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A line of thunderstorms along a cold front produced penny sized hail near Le Roy (Mower County) in the evening hours of May 4th.

Dodge County 2 SSW Eden

05	1400CST 1830CST				0	0	250.00K	0.00K	Lightning
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Lightning struck a tower located next to a house with the power surge traveling through some cables to enter the house. The house, located north of Dodge Center, did not immediately catch on fire, but by the time the fire was reported and fire fighters arrived, the attic was fully engulfed in flames. The house is considered a total loss.

As thunderstorms moved through the Dodge Center area (Dodge County) during the afternoon of May 5th, lightning struck a tower next to a house with the power surge entering the house through cables attached to the tower. The house eventually caught on fire and by the time the fire fighters arrived, the attic was fully engulfed. The house is considered a total loss.

Winona County 2 W Homer

06	0440CST 0545CST				0	0	30.00K	0.00K	Lightning
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Lightning struck a house and caused a fire. The house sustained minor fire damage to the roof and attic while the second floor was damaged by heat, water and smoke.

Lightning struck a house and caused a fire in the city of Winona in the morning hours of May 6th. The house sustained minor damage to the roof and attic while heat, water and smoke damaged the second floor.

Mower County 1 N Brownsdale

24	0930CST				0	0	0.00K	0.00K	Hail (0.88)
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Fillmore County 1 SSW Fountain

24	1453CST				0	0	25.00K	0.00K	Thunderstorm Wind (52EG)
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Utility poles were blown down on Main Street in Fountain. Several trees were also blown down in the area with one landing on a small grain truck and another on a house causing damage to the roof.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Fillmore County 2 WNW Harmony

24	1519CST				0	0	2.00K	0.00K	Thunderstorm Wind (56EG)
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Several trees were blown down 2.5 miles west of Harmony.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Fillmore County 1 NE Harmony

24	1521CST				0	0	0.00K	0.00K	Thunderstorm Wind (56MG)
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A wind gust of 64 mph was measured by spotters in Harmony.

Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Winona County 2 ESE Bethany

24	1539CST				0	0	20.00K	0.00K	Thunderstorm Wind (50EG)
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Grain bins, sheds and a portion of the roof on a hog barn were damaged by thunderstorms winds on a farm north of Lewiston. At another farm, a small barn was destroyed with some of the debris landing on a car parked nearby.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Southeast

Winona County 1 S Goodview

24	1547CST				0	0	20.00K	0.00K	Thunderstorm Wind (52EG)
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Trees were blown down in Goodview. In nearby Minnesota City, several trees were also blown down landing on some houses causing some roof damage.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Winona County 2 W Homer

24	1552CST				0	0	3.00K	0.00K	Thunderstorm Wind (54EG)
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Widespread tree damage occurred in Winona.

Small lines of severe thunderstorms formed along a fast moving cold front during the afternoon of May 24th. These thunderstorms caused sporadic wind damage starting near Fountain and Harmony (Fillmore County) and continued toward Goodview and Winona (Winona County). Most of the damage was limited to a few trees and power poles blown down. Note: The estimated wind gust of 54 knots is equivalent to 62 mph.

Dodge County 2 S Claremont

26	1045CST				0	0	2.00K	0.00K	Hail (1.25)
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In addition to the quarter sized hail, 1.73 inches of rain fell in about a half hour ending at 11:15 a.m. south of Claremont.

Olmsted County Byron

26	1113CST				0	0	0.00K	0.00K	Hail (0.75)
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Olmsted County 4 E Salem Corners

26	1122CST				0	0	0.00K	0.00K	Hail (0.75)
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Olmsted County 1 NW Judge

26	1123CST				0	0	0.00K	0.00K	Thunderstorm Wind (60MG)
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The automated weather observing equipment at the Rochester International airport measured a wind gust of 69 mph.

Note: The measured wind gust of 60 knots is equivalent to 69 mph.

Olmsted County 1 SW Chatfield Jct

26	1130CST 1200CST				0	0	0.00K	0.00K	Heavy Rain
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Over two inches of rain fell in about a half hours time near Eyota.

Thunderstorms that developed over South Dakota during the early morning hours of May 26th held together past sunrise and intensified over southeast Minnesota during the late morning. These storms dumped some hail and heavy rain across portions of southeast Minnesota with quarter sized hail reported near Claremont (Dodge County). A wind gust approaching 70 mph hit the Rochester Airport (Olmsted County) but did not produce any damage.

MINNESOTA, Southwest

Pipestone County 2 NNW Holland

01	1530CST				0	0	0.00K	0.00K	Hail (0.75)
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Pipestone County 3 SW Ruthton

01	1537CST				0	0	0.00K	0.00K	Hail (1.00)
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Lyon County Amiret

01	1615CST				0	0	0.00K	0.00K	Hail (0.75)
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Hail was accompanied by estimated 40 mph wind gusts.

Pipestone County 2 W Pipestone Arpt

01	1620CST				0	0	0.00K	0.00K	Hail (0.75)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
MINNESOTA, Southwest									
Pipestone County 3 NW Ihlen	01	1625CST			0	0	0.00K	0.00K	Hail (0.88)
Murray County 4 WSW Currant Lake	01	1628CST			0	0	0.00K	0.00K	Hail (1.25)
Murray County 2 NW Currant Lake	01	1633CST			0	0	0.00K	0.00K	Hail (1.00)
Murray County 4 ENE Currie	01	1800CST			0	0	0.00K	0.00K	Hail (1.00)
Rock County 3 SE Beaver Creek	01	1850CST 1855CST			0	0	0.00K	0.00K	Hail (1.00)
Thunderstorms produced large hail, up to half dollar size, at several locations in southwest Minnesota, during the late afternoon and early evening of May 1st.									
Pipestone County 1 E Pipestone Arpt	04	1144CST			0	0	0.00K	0.00K	Thunderstorm Wind (52MG) Note: The measured wind gust of 52 knots is equivalent to 60 mph.
Nobles County 1 NNE Rushmore	04	1248CST			0	0	0.00K	0.00K	Thunderstorm Wind (51MG) Note: The measured wind gust of 51 knots is equivalent to 59 mph.
Nobles County 4 E Rushmore 4 NW Org	04	1303CST 1305CST	1	50	0	0	0.00K	0.00K	Tornado (EF0) A brief tornado caused no reported damage.
Nobles County 3 WNW Worthington	04	1310CST 1315CST	1.25	50	0	0	0.00K	0.00K	Tornado (EF0) A brief tornado caused no reported damage.
Nobles County 1 NW (OTG)Worthington Arp	04	1315CST			0	0	0.00K	0.00K	Hail (1.00)
Nobles County 1 NW (OTG)Worthington Arp	04	1315CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG) Thunderstorm winds caused tree damage, including a few branches blown down. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Nobles County 6 N Round Lake	04	1325CST 1327CST	0.5	50	0	0	0.00K	0.00K	Tornado (EF0) A brief tornado caused no reported damage.
Jackson County 5 SW Lakefield	04	1340CST 1342CST	0.5	50	0	0	0.00K	0.00K	Tornado (EF0) A brief tornado caused no reported damage.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MINNESOTA, Southwest

Jackson County 5 WSW Lakefield

04	1345CST				0	0	5.00K	0.00K	Thunderstorm Wind (56EG)
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Thunderstorm winds tore the roof off an open faced hog barn.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Jackson County 2 SSE Lakefield

04	1349CST 1350CST	0.5	50	0	0	0.00K	0.00K	Tornado (EF0)
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A brief tornado caused no reported damage.

Jackson County 5 SE Lakefield 5 W Jackson

04	1405CST 1406CST	0.5	50	0	0	0.00K	0.00K	Tornado (EF0)
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A brief tornado caused no reported damage.

Jackson County 3 NNE Jackson Arpt

04	1427CST				0	0	0.00K	0.00K	Hail (0.88)
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Jackson County 1 S Lakefield

04	1430CST 1445CST				0	0	0.00K	0.00K	Flash Flood
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Heavy rain caused flooding of Minnesota Highway 86.

Jackson County 2 NE Alpha

04	1457CST				0	0	0.00K	0.00K	Hail (1.00)
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Thunderstorms produced a variety of large hail, damaging winds, and brief tornadoes in southwest Minnesota on the afternoon of May 4th. There was also a report of flash flooding.

Rock County 4 NE Beaver Creek

05	1018CST				0	0	0.00K	0.00K	Hail (0.75)
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Rock County 1 E Luverne

05	1025CST				0	0	0.00K	0.00K	Hail (1.00)
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Nobles County 3 WNW Adrian

05	1040CST				0	0	0.00K	0.00K	Hail (1.00)
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Nobles County 1 E Adrian

05	1045CST				0	0	0.00K	0.00K	Hail (1.00)
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Nobles County Rushmore

05	1058CST				0	0	0.00K	0.00K	Hail (1.25)
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Thunderstorms produced large hail in Rock and Nobles Counties in southwest Minnesota during the late morning of May 5th.

Pipestone County 2 NNE Airlie

05	2129CST				0	0	1.00K	0.00K	Thunderstorm Wind (56EG)
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Thunderstorm winds caused tree damage, including several trees blown down. The winds also blew a canopy off a trailer.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Lincoln County 1 NE Lake Benton

05	2140CST 2142CST				0	0	0.00K	0.00K	Hail (1.00)
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Large hail was accompanied by heavy rain.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, Southwest

Lincoln County

4 SE Lake Benton

05	2140CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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Thunderstorm winds caused tree damage, including numerous branches blown down.

Thunderstorms produced damaging winds and large hail at a few locations in Pipestone and Lincoln Counties in southwest Minnesota during the evening of May 5th. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Pipestone County

5 NW Pipestone

06	0200CST				0	0	30.00K	0.00K	Flood
07	2100CST				0	0	30.00K	0.00K	Flood

Heavy rain caused brief but record flooding of Pipestone Creek. Fields, parkland, and roads were flooded, including the Pipestone County fairgrounds. One street in the city of Pipestone caved in. The creek crested at 5.71 feet above flood stage on May 6th.

Heavy rain caused flooding of Pipestone Creek on May 6th and 7th.

Pipestone County

2 SSW Ihlen

06	0600CST				0	0	0.00K	0.00K	Flood
09	1800CST				0	0	0.00K	0.00K	Flood

Heavy rain caused moderate flooding of Split Rock Creek, flooding nearby lowlands including some farmland. The creek crested at 4.35 feet above flood stage near Jasper on May 7th.

Heavy rain caused flooding of Split Rock Creek in Pipestone County in early May, 2012.

Lyon County

4 ENE Marshall

2 E Russell

06	0600CST				0	0	0.00K	0.00K	Flood
09	1800CST				0	0	0.00K	0.00K	Flood

Runoff from heavy rain caused minor lowland flooding of the Redwood River, with lowlands including some parkland affected. The river crested at 1.44 feet above flood stage at Russell on May 7th.

Runoff from heavy rain caused minor lowland flooding of the Redwood River from May 6th to May 9th.

Rock County

6 NE Hardwick

07	0200CST				0	0	0.00K	0.00K	Flood
	2100CST				0	0	0.00K	0.00K	Flood

Heavy rain caused minor lowland flooding along the Rock River near Hardwick. The river crested at 1.02 feet above flood stage on May 7th.

Heavy rain caused minor flooding of the Rock River near Hardwick Minnesota on May 7th.

Cottonwood County

6 S Storden

18	1840CST				0	0	0.00K	0.00K	Hail (1.00)
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A thunderstorm produced quarter size hail in Cottonwood County on the early evening of May 18th.

Murray County

3 ENE Lake Wilson

23	1640CST				0	0	0.00K	0.00K	Hail (0.88)
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Murray County

4 N Currie

23	1705CST				0	0	0.00K	0.00K	Hail (1.00)
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Large hail was accompanied by heavy rain.

Nobles County

6 WNW Bigelow

23	1817CST				0	0	0.00K	0.00K	Hail (1.00)
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Nobles County

3 S Brewster

23	1827CST				0	0	0.00K	0.00K	Hail (0.75)
	1837CST				0	0	0.00K	0.00K	Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
MINNESOTA, Southwest									
Jackson County 4 W Lakefield	23	1857CST			0	0	0.00K	0.00K	Hail (1.00)
Nobles County 2 WNW Round Lake	23	1935CST			0	0	0.00K	0.00K	Hail (1.00)
Jackson County 2 SSW Spafford	23	1940CST			0	0	0.00K	0.00K	Hail (0.75)
Thunderstorms produced large hail in three counties of southwest Minnesota during the late afternoon and early evening of May 23rd.									
Pipestone County 5 NW Pipestone	26	0300CST 2300CST			0	0	0.00K	0.00K	Flood
Heavy rain caused moderate flooding of Pipestone Creek, with flooding of parkland and a few roads. The creek crested at 2.78 feet above flood stage on May 26th.									
Heavy rain caused flooding of Pipestone Creek on May 26th.									
Pipestone County 1 E Pipestone	26	0603CST			0	0	0.00K	0.00K	Hail (0.88)
Lyon County Palaton	26	0642CST			0	0	0.00K	0.00K	Hail (1.25)
Lyon County 1 S Tracy	26	0705CST			0	0	0.00K	0.00K	Hail (1.75)
Lyon County 1 N Tracy	26	0705CST			0	0	0.00K	0.00K	Hail (1.00)
Thunderstorms produced large hail in Lyon County in southwest Minnesota on the morning of May 26th. There was also nickel size hail in Pipestone County.									
Nobles County 3 SSE Org	27	1750CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Thunderstorm winds caused tree damage, including numerous branches blown down.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Jackson County 1 NE Okabena	27	2005CST			0	0	0.00K	0.00K	Hail (1.25)
Nobles County 1 S Adrian	27 28	2100CST 0100CST			0	0	0.00K	0.00K	Flash Flood
Heavy rain caused flash flooding of a small creek which flooded a campground. Some roads were also flooded.									
Thunderstorms produced damaging winds, large hail, and flash flooding in Nobles and Jackson Counties in southwest Minnesota on the evening of May 27th.									
MINNESOTA, West Central									
Big Stone County Ortonville	05	2000CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, West Central

Big Stone County

1 W Ortonville Arpt

05	2015CST				0	0			Hail (2.00)
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A severe thunderstorm brought large hail up to 2 inches in diameter in Ortonville.

MISSISSIPPI, Central

Hinds County

1 W West Jackson

02	1405CST 1500CST				0	0	0.00K	0.00K	Heavy Rain
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Measured 2.38 inches of rainfall in one hour at the Hawkins Field ASOS.

Oktibbeha County

1 SW Starkville

02	1435CST				0	0	10.00K	0.00K	Thunderstorm Wind (43EG)
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A tree was blown down onto a car.

Note: The estimated wind gust of 43 knots is equivalent to 49 mph.

Hinds County

1 W West Jackson

2 ESE Van Winkle

02	1525CST 1625CST				0	0	1.00K	0.00K	Flash Flood
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Water was approaching a home on Pocahontas Street, and one foot of water was across Madison Street in downtown Jackson.

Grenada County

1 NE Troy

02	1530CST				0	0	0.50K	0.00K	Thunderstorm Wind (40EG)
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One tree was blown down along Pea Ridge Road.

Showers and thunderstorms developed in association with a shortwave that moved across the region. Some of the storms produced heavy rain and strong gusty winds. Note: The estimated wind gust of 40 knots is equivalent to 46 mph.

Carroll County

2 WSW Vaiden

06	1206CST 1215CST				0	0	8.00K	0.00K	Hail (1.75)
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Golf ball size hail fell along I-55 near Vaiden, which included a truck stop just northwest of Vaiden.

Carroll County

4 SSE Coila

06	1254CST				0	0	0.00K	1.50K	Hail (1.00)
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Hail slightly larger than quarter size tore leaves off of trees and damaged a small corn crop.

Attala County

3 NNE Mc Cool

06	1310CST				0	0	0.00K	0.00K	Hail (1.00)
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Kemper County

3 NW De Kalb

06	1458CST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A few trees were blown down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Kemper County

1 W De Kalb

06	1510CST				0	0	0.00K	0.00K	Hail (0.88)
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Lauderdale County

1 NNE Pine Spgs

2 NNW Marion

06	1540CST 1600CST				0	0	0.00K	0.00K	Hail (1.00)
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One inch hail fell along Highway 39 and near West Lauderdale Elementary.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSISSIPPI, Central									
Lauderdale County									
3 SW Nellieburg 1 NE Meridian	06	1550CST 1555CST			0	0	15.00K	0.00K	Thunderstorm Wind (52EG)
A tree was blown down onto a house along Poplar Springs Drive damaging the roof. Power was out to nearby houses as the tree fell through power lines as well. A tree was also blown down along Morgan Road.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Humphreys County									
3 NNW Lake City	07	1045CST			0	0	0.50K	0.00K	Thunderstorm Wind (43MG)
Measured by the Humphreys County Sheriff's Office. A tree was blown down along Lake City Road near the Yazoo County line.									
Note: The measured wind gust of 43 knots is equivalent to 49 mph.									
Oktibbeha County									
1 WNW Starkville Bryan Arp 2 WNW State College	07	1143CST 1145CST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down onto power lines on Old Highway 12. A tree was blown down at the intersection of South Montgomery Street and Poorhouse Road.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Madison County									
3 E Mansdale	07	1200CST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
A couple of trees were blown down along Gluckstadt Road.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Hinds County									
1 ESE Jackson	07	1210CST			0	0	10.00K	0.00K	Thunderstorm Wind (53EG)
Power lines were blown down across I-55 near Woodrow Wilson Drive. Three lanes of the interstate were closed.									
Note: The estimated wind gust of 53 knots is equivalent to 61 mph.									
Warren County									
2 SSE Vicksburg	07	1210CST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
A couple of trees were blown down near Vicksburg.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Rankin County									
1 NE Leesburg	07	1230CST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A shed was blown over on Highway 481 near Leesburg.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Warren County									
1 E Yokena	07	1240CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down across Jeff Davis Road.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Yazoo County									
1 SW Yazoo City Barrier A	07	1440CST			0	1	0.00K	0.00K	Thunderstorm Wind (50EG)
Multiple trees were blown down around Yazoo City, including one that fell on a home on Spears Road injuring one person.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Adams County									
2 SSE Natchez 5 NNW Kingston	07	1455CST 1505CST			0	0	25.00K	0.00K	Thunderstorm Wind (52EG)
Large limbs were blown down blocking Marion Avenue, a road near Copiah Lincoln Community College and Pinewood Circle. A tree also fell on a house near Pinewood Circle. Several other roads near and southeast of Natchez had trees down across them.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSISSIPPI, Central									
Attala County 1 SE Sallis Newport	08	1410CST 1500CST			0	0	0.00K	0.00K	Flash Flood
	Water was covering portions of Highway 429 south of Sallis.								
Carroll County 3 E Jefferson	08	1455CST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
	Trees were blown down along two roads near the county border.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Montgomery County 1 ESE Eskridge	08	1515CST			0	0	0.00K	0.00K	Hail (1.25)
	An upper low over northern Alabama helped ignite showers and thunderstorms each afternoon May 6th through the 8th. Large hail, damaging winds, and flash flooding all occurred as a result of this activity. Hail was the primary severe risk on the 6th, with damaging winds the primary risk on the 7th.								
Jones County Laurel 2 N Hoy	12	1155CST 1203CST			0	0	50.00K	0.00K	Thunderstorm Wind (50EG)
	Power lines were blown down on Indian Springs Road, and trees were blown onto power lines in the Shady Grove area. Shingle damage occurred to a home and the roof of a mobile home was blown off in the Shady Grove area as well.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Simpson County Magee	12	1303CST			0	0	0.00K	0.00K	Hail (0.88)
	A few showers and thunderstorms developed during the afternoon of May 12th as instability increased with intense surface heating.								
Leflore County 4 SW Schlater	17	1340CST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
	Tin was blown off a shed.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Hinds County 1 S Nogan	20	1515CST			0	0	1.00K	0.00K	Thunderstorm Wind (40EG)
	A couple of trees were blown down near the Savanna Street exit.								
	Note: The estimated wind gust of 40 knots is equivalent to 46 mph.								
Leflore County 1 E Runnymede	21	1400CST			0	0	0.00K	0.00K	Hail (1.00)
Simpson County 2 E D Lo	21	1430CST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter size hail was observed by the NSSL Shave Project.								
Warren County 1 N Rose Hill 5 E Yokena	21	1441CST 1526CST			0	0	25.00K	0.00K	Thunderstorm Wind (52EG)
	A few trees were blown down around Oak Ridge. Multiple trees and a few power lines were blown down around Vicksburg. One tree was down onto a house. Several more trees were blown down around the southern part of the county.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSISSIPPI, Central									
Yazoo County 5 WNW Norway	21	1455CST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
									Trees were blown down along Lake City Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Hinds County 2 WNW Raymond Williams Ar	21	1509CST			0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
									Multiple trees were blown down between Bolton and Raymond. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Choctaw County 4 NNE French Camp 2 SE Ackerman Choctaw Arp	21	1511CST 1530CST			0	0	0.00K	0.00K	Hail (1.00)
Hinds County 2 NNE Nogan	21	1515CST			0	0	0.00K	0.00K	Hail (0.88)
Claiborne County 1 E Rocky Spgs	21	1530CST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Power lines were blown down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Rankin County 1 S Cleary 1 WNW Plain	21	1536CST 1545CST			0	0	30.00K	0.00K	Hail (1.75)
									Quarter to golf ball size hail fell from Jackson to near Florence.
Hinds County 2 NNE Rosemary	21	1545CST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Power lines were blown down along Rosemary Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Copiah County 2 ESE Crystal Spgs	21	1600CST			0	0	7.00K	0.00K	Thunderstorm Wind (50EG)
									A tree and a power line were blown down along Harmony Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Attala County 4 S Williamsville	21	1620CST			0	0	25.00K	0.00K	Hail (1.75)
									Damage to vehicles occurred near Highway 35 south of Kosciusko.
Jefferson Davis County 4 N Prentiss	21	1627CST			0	0	0.00K	0.00K	Hail (1.00)
Leake County 2 NE Barnes 1 NNW Renfroe	21	1631CST 1641CST			0	0	1.00K	0.00K	Hail (1.00)
									The hail damaged a garden near Renfroe.
Leake County 2 SSW Edinburg	21	1650CST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
									A few trees were blown down and dime size hail fell. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
MISSISSIPPI, Central									
Leake County 2 N Madden	21	1704CST			0	0	3.00K	0.00K	Hail (1.00)
	Several gardens were damaged by the hail.								
Yazoo County Zelleria	21	1736CST			0	0	0.00K	0.00K	Hail (1.00)
Yazoo County 1 NNW Campbellsville	21	1745CST 1752CST			0	0	0.00K	15.00K	Hail (1.75)
	Golf ball size hail damaged cotton and corn crops.								
Yazoo County 4 W Benton	21	1758CST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
	Trees were blown down along Sunny Lane Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Newton County 1 WNW Chunky	21	1803CST			0	0	0.00K	0.00K	Hail (0.88)
Lauderdale County 1 E Graham	21	1812CST			0	0	0.00K	0.00K	Hail (1.00)
	The hail fell for several minutes.								
Holmes County 1 W Lexington	21	2000CST			0	0	0.00K	0.00K	Hail (1.00)
Yazoo County 1 E Benton	21	2055CST			0	0	0.00K	0.00K	Hail (1.00)
Holmes County 1 N Lexington	21	2105CST			0	0	0.00K	0.00K	Hail (1.00)
	The hail fell along Highway 17 just north of Lexington.								
Yazoo County 2 ESE Scotland Fork	21	2125CST			0	0	0.00K	0.00K	Hail (1.25)
	Scattered to numerous showers and thunderstorms developed during the afternoon of May 21st ahead of a weak cold front moving across the Deep South. Wind damage, large hail and some flash flooding all occurred as the activity moved across the region.								
Bolivar County 1 ESE Benoit	30	1130CST			0	0	0.50K	0.00K	Thunderstorm Wind (43EG)
	A tree was blown down in Benoit. Note: The estimated wind gust of 43 knots is equivalent to 49 mph.								
Bolivar County Boyle	30	1225CST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
	A tree was blown down onto a house in Boyle, and another tree was blown down in Cleveland. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Washington County 1 S Greenville	30	1237CST			0	0	0.00K	0.00K	Hail (0.88)
	Dime to nickel size hail fell in Greenville.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSISSIPPI, Central									
Sunflower County 1 E Inverness	30	1252CST			0	0	12.00K	0.00K	Thunderstorm Wind (55EG)
	Light poles were blown down and pea size hail fell. A tree was struck by lightning in nearby Moorhead at Mississippi Delta Community College.								
	Note: The estimated wind gust of 55 knots is equivalent to 63 mph.								
Sunflower County 1 E Moorhead	30	1305CST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter sized hail fell in Moorhead.								
Holmes County 2 SE Oswego	30	1357CST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter sized hail fell just northeast of Tchula.								
Washington County 1 SE Greenville 1 SSE Magenta	30	1425CST 1455CST			0	0	0.00K	0.00K	Flash Flood
	Water was over a few roads in Greenville and Leland.								
Winston County 1 ESE Betheden 8 SE Noxapater	30	1511CST 1535CST			0	0	40.00K	0.00K	Thunderstorm Wind (50EG)
	Roofs were blown off of a few sheds near Nanih Waiya. Trees and power lines were blown down in Betheden, and several trees were blown down near Louisville.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Kemper County 3 W Scooba	30	1545CST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
	Power lines were blown down in Scooba.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Rankin County 3 NNE Flowood	30	1605CST			0	0	0.00K	0.00K	Hail (0.88)
	Nickel size hail fell in Flowood.								
Newton County 1 E Newton	30	1630CST 1635CST			0	0	3.00K	0.00K	Thunderstorm Wind (40EG)
	A few trees were blown down on Church Road and a few tree limbs were blown down due to an outflow boundary that passed through.								
	Note: The estimated wind gust of 40 knots is equivalent to 46 mph.								
Warren County 1 S National Cemetery Waltersville	30	1630CST 1640CST			0	0	4.00K	0.00K	Thunderstorm Wind (50EG)
	Trees were blown down on North Washington Street and on East Avenue. A tree was also blown down on Logue Circle.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Lauderdale County 1 E Lauderdale	30	1650CST			0	0	0.00K	0.00K	Hail (0.88)
MSZ057 Jasper	30	1700CST			0	0	3.0K	0.00K	Strong Wind

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Property Damage	Crops	Character of Storm
MISSISSIPPI, Central									
Copiah County 4 SSE Shady Grove	30	1710CST			0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down on several roads in Crystal Springs and Hazelhurst.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Lincoln County 4 N Heucks	30	1715CST			0	0	4.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down around Lake Lincoln.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
MSZ057									
Jasper	30	1720CST			0	0	3.0K	0.00K	Strong Wind
Lincoln County 3 SW Union Hall	30	1805CST			0	0	0.00K	0.00K	Hail (0.88)
Jones County 1 SW Laurel	30	1815CST			0	0	40.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down onto power lines in Laurel, Sandersville, and Soso. Four power poles were on fire in four different areas.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Lincoln County 3 SW Union Hall	30	1834CST			0	0	0.00K	0.00K	Hail (0.88)
MSZ060-072									
Adams - Marion	30	1838CST 1845CST			0	0	15.5K	0.00K	Strong Wind
Madison County 1 S Ridgeland	30	1949CST			0	0	0.00K	0.00K	Hail (0.75)
Penny sized hail fell at the intersection of Lake Harbor Road and Highway 51.									
Warren County 2 SSE Vicksburg	31	1245CST			0	0	0.00K	0.00K	Hail (0.75)
Warren County 2 SSE Vicksburg	31	1245CST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Power lines were blown down in Vicksburg.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Humphreys County 2 ENE Lake City	31	1250CST			0	0	10.00K	0.00K	Lightning
A lightning pole and a transformer were hit by lightning near Wolf Lake.									
Leflore County 1 W Greenwood	31	1300CST			0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
Trees and power lines were blown down around Greenwood.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Adams County 2 NE Carthage 3 SSW Johnsville	31	1304CST 1310CST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down on Providence Road and Greenfield Road.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSISSIPPI, Central									
Warren County 2 E Grange Hall	31	1313CST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down across Lakeside Drive. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Carroll County Carrollton	31	1330CST			0	0	20.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down across Highway 35 north and south of Carrollton. A tree was blow down across power lines, causing them to come down. A transformer was blown as well. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Grenada County 2 E Bow Spgs	31	1345CST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down at the intersection of Sweethome Road and Hillside Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Hinds County Terry	31	1355CST			0	0	20.00K	0.00K	Thunderstorm Wind (50EG)
Trees were blown down and part of a metal roof was blown off a building. Power lines were also blown down in the area. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Montgomery County 1 N Winona	31	1403CST			0	0	4.00K	0.00K	Thunderstorm Wind (50EG)
A power line and some small limbs were blown down in Winona. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Madison County Canton	31	1422CST							
1 SSW Madison Campbell Arp		1435CST			0	0	20.00K	0.00K	Thunderstorm Wind (52EG)
Trees were blown down in Canton and Farmhaven. A tree was blown down on Rice Road and pea to dime size hail fell near Liberty Park. Power was out at traffic lights along Rice Road. Another tree was blown down at the intersection of Old Canton Road and Natchez Trace Parkway. An off duty broadcast meteorologist estimated 60 mph winds in Madison. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Copiah County 1 E Gallatin	31	1430CST							
1 S Hazlehurst		1435CST			0	4	30.00K	0.00K	Thunderstorm Wind (50EG)
Numerous trees were blown down in and southwest of Hazlehurst, as well as across the southern portion of the county. Four people sustained minor injuries when a large branch crashed through the window of a home. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Rankin County 3 WNW Langford	31	1433CST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
A tree was blown down onto a vehicle causing minor damage. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Lawrence County 1 E Monticello	31	1436CST			0	0	30.00K	0.00K	Thunderstorm Wind (50EG)
Three trees were blown down inside the Monticello city limits. Two fell on homes. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSISSIPPI, Central									
Marion County 1 N Columbia	31	1450CST			0	0	15.00K	0.00K	Thunderstorm Wind (40EG)
A tree was blown down in Columbia. A building was struck by lightning as well.									
Note: The estimated wind gust of 40 knots is equivalent to 46 mph.									
Leake County 1 N Carthage	31	1500CST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
Numerous trees were blown down across Leake County.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Simpson County 1 E D Lo Magee	31	1500CST 1505CST			0	0	25.00K	0.00K	Thunderstorm Wind (50EG)
Numerous trees and power lines were blown down around Magee. A tree fell on a garage in Mendenhall.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Webster County 1 WNW Sapa	31	1518CST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
A few trees were blown down in the Eupora and Mathiston areas.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Covington County 1 NE Mt Olive 1 NE Seminary	31	1520CST 1530CST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
Numerous trees were blown down across Covington County.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Smith County 1 E Raleigh	31	1530CST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
Numerous trees were blown down around Raleigh. Forty to fifty mile per hour wind gusts occurred along Highway 13.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Jones County 5 SSE Oak Bowery 4 N Mill Creek	31	1535CST 1610CST			0	0	40.00K	0.00K	Thunderstorm Wind (55EG)
Trees were blown all across Jones County. Power lines were blown down along Lott Road. One tree was blocking the road at the 800 block of Ovet-Moselle Road. A residential natural gas line was ruptured on Country Circle just off Highway 15.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Lamar County 2 SW Talowah	31	1541CST			0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
There were several trees blown down in the county. Also pea sized hail was reported north of Lumberton.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Forrest County 1 W Hattiesburg 1 ESE Macedonia	31	1550CST 1610CST			0	0	20.00K	0.00K	Thunderstorm Wind (50EG)
Numerous trees were blown down around Hattiesburg and Brooklyn. Shingles on a home were damaged in Eastabuchie.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MISSISSIPPI, Central

Jasper County 2 WSW Louin

31	1550CST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Trees were blown down in Louin.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Jasper County 2 WSW Louin 1 NE Heidelberg

31	1550CST				0	0	6.00K	0.00K	Thunderstorm Wind (50EG)
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Trees were blown down in Heidelberg and Louin.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Scott County 1 S Lake

31	1552CST				0	0	4.00K	0.00K	Thunderstorm Wind (50EG)
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A few trees and some large tree branches were blown down in Lake.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Newton County 2 E Hazel Hickory

31	1608CST				0	0	70.00K	0.00K	Thunderstorm Wind (50EG)
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Numerous trees were blown down across the county. Trees were blown onto power lines just east of Hickory. The roof of a church was damaged just south of Decatur, and pea size hail fell east of Decatur.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Newton County 3 S Chunky

31	1640CST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Trees were blown down on Griffis Fountain Road and Bill Addy Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Lauderdale County 1 NE Meridian 1 SE Smith

31	1653CST				0	0	75.00K	0.00K	Thunderstorm Wind (50EG)
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Numerous trees were blown down across the county. One tree fell on a house and one fell on a vehicle in Meridian. A transformer was blown near 24th Street and 29th Street.

A mesoscale convective system (MCS) began impacting the delta region of Mississippi around mid day on the 30th moving southeast across the region through the afternoon and into the evening hours. Widespread wind damage occurred with this activity, along with a few reports of large hail. Flash flooding impacted a few areas as well. On the 31st, widespread showers and thunderstorms developed along and west of the Mississippi River moving east through the afternoon and into the evening hours. Once again, widespread wind damage occurred as this activity passed. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

MISSISSIPPI, North

Lafayette County 1 ENE Taylor

02	1505CST				0	0	0.00K		Hail (1.00)
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Dime to quarter size hail fell in Taylor.

Lee County 2 SSW Martin 1 SSE Tupelo

02	1603CST				0	0	0.00K		Hail (1.75)
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Quarter to golf ball size hail fell along a corridor in Tupelo from Highway 45 North to the North Mississippi Medical Center northwestward to the Natchez Trace Parkway.

Benton County Ashland

02	1610CST				0	0	0.00K		Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MISSISSIPPI, North

Union County

2 NNE Locum

02	1635CST 1645CST				0	0	0.00K		Hail (1.00)
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Union County

1 SSE New Albany

02	1645CST 1652CST				0	0	0.00K		Hail (1.00)
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Quarter size hail fell near the intersection of Highway 30 and Highway 15 in New Albany.

A weak upper level low pressure system moved over the Mid-South on May 2nd, 2012. The combination of the upper low and daytime heating produced showers and thunderstorms across the area during the late afternoon into the evening. Some storms became severe producing large hail.

Tallahatchie County

3 SSE Leverett

21	0600CST 0605CST				0	0	0.00K		Hail (0.75)
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Penny size hail fell southwest of Cascilla.

A cold front moved into the Mid-South during the early morning hours of May 21st, 2012. A few showers and thunderstorms developed along the front. Some storms became severe and produced large hail.

Tippah County

2 NNE Ripley

29	0500CST 0507CST				0	0	0.00K		Hail (1.00)
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Quarter size hail fell along Highway 15, just north of Ripley.

Coahoma County

Clarksdale

1 SSW Lyon

30	1232CST 1237CST				0	0	0.00K		Thunderstorm Wind (52EG)
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Straight line winds knocked down tree limbs onto power lines in Clarksdale. Power and traffic lights were out as a result.

A weak cold front approached the Mid-South from the north on May 29th, 2012. Showers and thunderstorms developed at various times throughout the day ahead of the front. Some storms produced large hail and damaging winds. The storms died by late evening. The front finally pushed into the area during the day on May 30th, 2012. Redevelopment of thunderstorms occurred along the front. Some of these storms produced damaging winds. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

MISSISSIPPI, South

Wilkinson County

4 NNE Ft Adams

21	1625CST				0	0	0.00K	0.00K	Hail (1.25)
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Dime to half dollar size hail fell along State Highway 24 north of Fort Adams.

A weak frontal boundary aided in the development of isolated thunderstorms over southwest Mississippi. One report of large hail was received from Wilkinson County.

Walthall County

Tylertown

31	1420CST				0	0	0.00K	0.00K	Hail (1.75)
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Tylertown Fire Department reported golf ball size hail.

An upper level disturbance combined with an unstable airmass to produce scattered thunderstorms across south Mississippi.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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MISSISSIPPI, Southeast

Wayne County Buckatunna

31	1550CST 1552CST				0	0	0.00K	0.00K	Hail (1.00)
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A thunderstorm produced large hail in southeast Mississippi.

MISSOURI, East

Montgomery County 3 NNE Big Spg

04	0810CST				0	0	0.00K	0.00K	Hail (1.00)
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A storm complex moved southeast through forecast area during the early morning hours of May 4th. There were some isolated reports of large hail.

Monroe County Paris

06	1408CST				0	0	0.00K	0.00K	Hail (1.00)
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Ralls County Huntington

06	1445CST				0	0	0.00K	0.00K	Hail (1.00)
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Scattered storms developed over northern Missouri along an old outflow boundary. There were several reports of large hail.

Pike County 1 ESE Edgewood

20	1553CST				0	0	0.00K	0.00K	Hail (0.88)
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A cold front moved through the region. Scattered showers and thunderstorms developed along the boundary. There were several reports of hail with the storms.

Boone County 4 SE Rucker

28	1933CST				0	0	0.00K	0.00K	Hail (0.88)
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Gasconade County Eland

28	2145CST				0	0	0.00K	0.00K	Hail (0.75)
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Gasconade County 2 NW Redbird

28	2235CST 2238CST				0	0	0.00K	0.00K	Hail (1.00)
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A cold front moved through the region, triggering showers and thunderstorms. There were several reports of large hail.

MISSOURI, Lower

MOZ113-115

Dunklin - Pemiscot

24	0600CST								
31	2359CST				0	0	0.00K		Drought

Below normal rainfall through the spring brought on moderate (D2) drought conditions across the Missouri Bootheel by the end of May. Many crops that were planted during the spring struggled to grow due to lack of water.

Dunklin County Clarkton

31	1330CST 1340CST				0	0	30.00K	0.00K	Thunderstorm Wind (50EG)
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Straight line winds extensively damaged a roof of a school.

A cold front and an associated upper level disturbance moved through the Mid-South during the afternoon hours of May 31, 2012. Showers and thunderstorms developed along and ahead of the cold front. Some storms became severe producing damaging winds and large hail. A few storms also produced heavy rain. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Northeast									
Clark County 1 NW Kahoka	04	0133CST 0740CST			0	0	0.00K	0.00K	Flash Flood
A trained spotter reported water 6 inches deep on some of the roads in Kahoka.									
Clark County 1 ENE Chambersburg	04	0210CST			0	0	0.00K	0.00K	Hail (1.00)
Clark County 1 NW Kahoka	04	0230CST			0	0	0.00K	0.00K	Hail (0.88)
Thunderstorms that developed over southeastern Iowa in the late evening on May 3, 2012 moved into far northeastern Missouri after midnight. This line of thunderstorms slowly sagged southeastward through the early morning hours producing hail over Clark County along with heavy rainfall.									
MISSOURI, Northwest									
Daviess County 4 NNE Jamesport	04	0018CST			0	0	0.00K	0.00K	Hail (1.00)
Grundy County Dunlap	04	0028CST			0	0	0.00K	0.00K	Hail (0.75)
Daviess County 2 WNW Coffey	04	0100CST 0700CST			0	0	0.00K	0.00K	Flash Flood
Highway B was closed due to rushing water. A cold front moved across the area in the early morning hours of May 4th, 2012. An isolated severe thunderstorm with large hail, was observed across north central Missouri.									
Caldwell County 1 N Hamilton	06	0845CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
Thunderstorm wind gusts were estimated up to 70 mph. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Jackson County 1 NNW Kansas City	06	0935CST			0	0	0.00K	0.00K	Hail (0.88)
Nickel size hail was reported at the Kansas City Zoo.									
Clinton County 1 SE Gower	06	1120CST			0	0	0.00K	0.00K	Hail (0.88)
De Kalb County Stewartsville	06	1139CST			0	0	0.00K	0.00K	Hail (2.75)
The fire department reported baseball size hail. The report was relayed through the sheriffs department.									
De Kalb County 1 ENE Maysville	06	1157CST			0	0	0.00K	0.00K	Hail (1.75)
De Kalb County 1 ENE Maysville	06	1159CST			0	0	0.00K	0.00K	Hail (1.00)
De Kalb County 1 E Amity	06	1209CST			0	0	0.00K	0.00K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Northwest									
Chariton County 1 E Salisbury	06	1235CST			0	0	0.00K	0.00K	Hail (0.88)
Randolph County 1 SE Moberly	06	1315CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
Thunderstorm wind gusts were estimated up to 65 mph. Three inch tree limbs were reported down.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Randolph County 1 W Moberly	06	1315CST			0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
Thunderstorm wind gusts were estimated up to 60 mph. The wind snapped off a two and a half foot diameter tree. The tree fell against a power pole and brought it and a power line down.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Randolph County 1 W Moberly	06	1320CST			0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
The Moberly AWOS measured a 58 mph wind gust.									
Note: The measured wind gust of 50 knots is equivalent to 58 mph.									
Clinton County 3 S Gower	06	1513CST			0	0	0.00K	0.00K	Hail (0.88)
Clinton County 3 WSW Perrin	06	1538CST			0	0	0.00K	0.00K	Hail (0.75)
Cass County Raymore	06	1547CST			0	0	0.00K	0.00K	Hail (0.88)
Cass County 1 S Belton	06	1603CST			0	0	0.00K	0.00K	Hail (0.88)
Cass County 1 SE Harrelson	06	1615CST 1616CST	0.19	25	0	0	0.00K	0.00K	Tornado (EF0)
A brief EF0 tornado touchdown was observed at 1615CST, about a mile south of Raymore and just east of Highway 71. It barely moved east and lifted at 1616CST. No damage was observed.									
Cass County 1 E Peculiar	06	1617CST			0	0	0.00K	0.00K	Hail (0.88)
Cass County 1 S Raymore	06	1617CST 1618CST	0.05	25	0	0	0.00K	0.00K	Tornado (EF0)
A brief EF0 tornado touchdown was observed at 1717CST, in an open field near 195th Street and Old School Road. The tornado barely moved east and lifted at 1718CST. No damage was observed.									
Jackson County 1 SE Raytown	06	1620CST			0	0	0.00K	0.00K	Hail (0.88)
Cass County Raymore	06	1631CST			0	0	0.00K	0.00K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Northwest									
Jackson County 1 SE Fairmont	06	1636CST			0	0	0.00K	0.00K	Hail (0.75)
									The hail was reported at Interstate 70 and Noland Road.
Cass County 2 SW Lake Winnebago	06	1640CST			0	0	0.00K	0.00K	Hail (1.25)
Cass County Raymore	06	1641CST			0	0	0.00K	0.00K	Hail (1.00)
Jackson County 1 E Greenwood	06	1648CST			0	0	0.00K	0.00K	Hail (1.00)
Jackson County 1 S Lees Summit	06	1650CST			0	0	0.00K	0.00K	Hail (0.75)
									The hail was reported at the intersection of Interstate 470 and Highway 50.
Cass County 2 WNW Austin	06	1655CST			0	0	0.00K	0.00K	Hail (1.00)
Cass County 1 N Pleasant Hill 2 SE Lake Winnebago	06	1715CST 2315CST			0	0	0.00K	0.00K	Flash Flood
									All streets were reported impassable in downtown Pleasant Hill.
Cass County 1 N Pleasant Hill	06	1716CST			0	0	0.00K	0.00K	Hail (0.75)
Cass County 2 NW Gowdy	06	1721CST			0	0	0.00K	0.00K	Hail (0.75)
Jackson County 2 NW Greenwood	06	1745CST			0	0	0.00K	0.00K	Flash Flood
									Two inches of rain fell in 45 minutes and was reported by retired NWS employee. Several streets were flooded and impassable.
Cass County 2 SE Huber	06	1745CST			0	0	0.00K	0.00K	Hail (1.00)
Gentry County Albany	06	1750CST			0	0	0.00K	0.00K	Hail (0.75)
Cass County 1 N Pleasant Hill	06	1800CST			0	0	0.00K	0.00K	Heavy Rain
									The National Weather Service Office in Pleasant Hill, measured 3.20 inches of rain since 7 AM CDT.
Macon County 1 N Macon Arpt	06	2102CST			0	0	0.00K	0.00K	Hail (0.75)
Johnson County 1 NE Cornelia	06	2319CST			0	0	0.00K	0.00K	Hail (0.88)

A cold front moved southeast across the area, during the late morning through evening hours, of May 6, 2012. The front produced scattered thunderstorms, with a few becoming severe. There were numerous reports of hail, along with two reported tornadoes, and several reports of damaging winds.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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MISSOURI, Northwest

Harrison County 2 NNW Eagleville	24	1530CST			0	0	0.00K	0.00K	Hail (0.88)
Harrison County 2 NNW Blythedale	24	1530CST			0	0	0.00K	0.00K	Hail (1.00)
Harrison County 1 NW Akron	24	1605CST			0	0	0.00K	0.00K	Hail (1.25)
Mercer County 154 SW Modena	24	1629CST			0	0	0.00K	0.00K	Hail (1.00)
Mercer County 1 W Princeton	24	1638CST			0	0	0.00K	0.00K	Hail (0.88)
De Kalb County Stewartsville	24	1658CST			0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
Thunderstorm wind gusts were estimated up to 60 mph. A power pole was reported down, along with downed power lines.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
De Kalb County 1 E Osborn	24	1705CST			0	0	0.00K	0.00K	Hail (1.00)
De Kalb County 1 E Osborn	24	1705CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
A thunderstorm wind gust was estimated up to 60 mph.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Platte County 1 ENE Lake Waukomis	24	1808CST			0	0	0.00K	0.00K	Hail (1.00)
A weakening frontal boundary was located over northwest Missouri, in the afternoon and evening hours of May 24, 2012. There were several reports of hail and damaging winds.									
Jackson County 1 WNW Greenwood	25	0820CST 1420CST			0	0	0.00K	0.00K	Flash Flood
Highway 150 at both Harbor Drive and Highway 291, was closed due to flooded roads.									
Jackson County 1 E Greenwood	25	0900CST			0	0	0.00K	0.00K	Heavy Rain
A retired National Weather Service employee in Greenwood, measured 5.60 inches of rain.									
Jackson County 1 N Grandview Rchrds-Geb	25	0900CST			0	0	0.00K	0.00K	Heavy Rain
Stormwatch rain gauge at 150 Highway and Prospect, measured 4.17 inches of rain.									
Cass County Lake Winnebago	25	0916CST			0	0	0.00K	0.00K	Heavy Rain
The National Weather Service in Pleasant Hill, reported a total rainfall of 4.80 inches.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
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MISSOURI, Northwest

Pettis County

1 ESE Georgetown

25	1012CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported near the intersection of Mt. Hermon Road and Highway 65. The hail accumulated as deep as 4 inches.

Cass County

2 ENE Pleasant Hill

25	1040CST 1640CST				0	0	0.00K	0.00K	Flash Flood
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One foot of water was reported flowing over the road, at the intersection of Country Club Drive and Murray Road.

A warm front over west central Missouri, during the morning hours of May 25, 2012, lifted north and produced a large area of thunderstorms. A small cluster of intense thunderstorms with torrential rains, was located over southern Jackson County, and northern Cass County. Rainfall up to 5.60 inches was reported, along with flash flooding.

Worth County

3 ENE Isadora

25	1405CST				0	0	0.00K	0.00K	Hail (1.75)
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Worth County

3 ENE Isadora

25	1412CST				0	0	0.00K	0.00K	Hail (1.75)
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Worth County

3 N Allendale

25	1420CST				0	0	0.00K	0.00K	Hail (0.75)
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Worth County

3 NE Oxford

25	1445CST				0	0	0.00K	0.00K	Hail (0.75)
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Worth County

1 NE Grant City

25	1455CST				0	0	0.00K	0.00K	Hail (0.88)
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Putnam County

2 S Unionville

25	1640CST				0	0	0.00K	0.00K	Hail (1.25)
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Putnam County

Unionville

25	1642CST				0	0	0.00K	0.00K	Hail (1.00)
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Putnam County

Unionville

25	1645CST				0	0	0.00K	0.00K	Hail (1.00)
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A warm front lifted north across northern Missouri, during the afternoon hours of May 25, 2012. There were several reports of large hail.

Pettis County

2 NNE Smithton

28	2013CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported on Highway 135.

Pettis County

1 E Smithton

28	2040CST				0	0	0.00K	0.00K	Hail (0.88)
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A weak cold front pushed through the area, during the evening hours of May 28, 2012. There were two reports of hail in Pettis county.

Clay County

1 ENE Linden

30	0040CST				0	0	0.00K	0.00K	Hail (1.00)
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A weak cold front brought thunderstorms to west central Missouri, in the early morning hours of May 30, 2012. There was one report of one inch diameter hail in Clay County.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MISSOURI, Southeast

**MOZ086-100-107>
112-114**

Bollinger - Butler - Cape Girardeau - Carter - Mississippi - New Madrid - Ripley - Scott - Stoddard - Wayne

18	0000CST								
31	2359CST			0	0	0.00K	0.00K	Drought	

One of the warmest and driest Mays on record worsened the rare spring drought over southeast Missouri. At Cape Girardeau, spring of 2012 was the driest spring on record. Only 5.25 inches of rain fell from March through May. The month of May was the second driest on record. Only 0.79 inch fell at Cape Girardeau in May. By the end of May, the drought was severe in the extreme southeast Missouri counties of New Madrid and Mississippi. Moderate drought conditions existed elsewhere to the south of the Perryville area. Soils continued to dry out, and topsoil moisture deficits began to be reported. Pasture land rapidly deteriorated. Streamflows were running below normal by the end of the month.

**Scott County
1 N Diehlstadt**

20	1550CST								
	1600CST			0	0	0.00K	0.00K	Hail (0.75)	

Hail fell for at least 10 minutes.
An isolated severe thunderstorm developed in an unstable air mass across southeast Missouri.

**New Madrid County
Gideon**

31	1342CST								
				0	0	0.00K	0.00K	Hail (1.00)	

**New Madrid County
Portageville**

31	1402CST								
				0	0	0.00K	0.00K	Hail (1.00)	

Storms developed and intensified along the leading edge of a pre-frontal boundary. The pre-frontal boundary was associated with the southern extent of an upper level disturbance moving across southern Illinois. With temperatures warming into the lower to mid 80's and dew points increasing to around 60...the air mass became marginally unstable with capes to 1000 j/kg. Despite marginal instability for late May, stronger winds aloft ahead of an approaching upper level disturbance promoted development of isolated strong to severe storms.

MISSOURI, Southwest

**Barton County
1 S Lamar**

01	0033CST								
	0133CST			0	0	0.00K	0.00K	Flash Flood	

Flooding of secondary roads were reported and several had to be closed across the county.

**Mcdonald County
1 S Pineville**

01	0128CST								
				0	0	0.00K	0.00K	Hail (0.75)	

**Lawrence County
Aurora**

01	0158CST								
				0	0	0.00K	0.00K	Hail (0.75)	

**Lawrence County
Aurora**

01	0214CST								
				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)	

A trained spotter estimated wind gusts up to 60 mph.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

**Greene County
1 W Republic**

01	0218CST								
				0	0	0.00K	0.00K	Thunderstorm Wind (52MG)	

An upper level disturbance helped produced isolated severe wind gusts and localized flash flooding. Note: The measured wind gust of 52 knots is equivalent to 60 mph.

**Stone County
3 W Lampe**

05	1405CST								
				0	0	0.00K	0.00K	Hail (0.75)	

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Southwest									
Barry County 1 SE Wheaton	06	1305CST			0	0	0.00K	0.00K	Hail (0.75)
Barry County 2 WNW Washburn	06	1316CST			0	0	0.00K	0.00K	Hail (1.00)
Barry County 1 N Washburn	06	1320CST			0	0	0.00K	0.00K	Hail (0.75)
Barry County 5 S Mc Dowell	06	1353CST			0	0	0.00K	0.00K	Hail (0.88)
Barry County 5 S Mc Dowell	06	1353CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Wind gusts were estimated up to 60 mph. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Barry County 3 NNW Jenkins	06	1405CST			0	0	0.00K	0.00K	Hail (0.88)
Stone County 3 NE Kimberling City	06	1430CST			0	0	0.00K	0.00K	Hail (1.00)
Stone County 2 NNE Silver Dollar City	06	1437CST			0	0	0.00K	0.00K	Hail (0.75)
Vernon County 3 NW Milo	06	1538CST			0	0	0.00K	0.00K	Hail (1.00)
Vernon County 1 ENE Nevada	06	1542CST			0	0	0.00K	0.00K	Hail (1.75)
Vernon County 1 ENE Nevada	06	1545CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Law enforcement estimated wind gusts up to 60 mph. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Vernon County 1 ENE Nevada	06	1555CST			0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
A large elm tree and power line were blown down. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Barton County 4 N Kenoma	06 07	2330CST 0030CST			0	0	0.00K	0.00K	Flash Flood
Highway A, Highway T, and the intersection of Highway J and Highway 160 were flooded.									
A cold front and associated upper level trough moved through the Ozarks which caused strong to severe thunderstorms to develop. These storms produced marginal severe hail and damaging wind gusts. Heavy rainfall lead to localized flash flooding.									
Greene County 1 N Willard	20	1745CST			0	0	0.00K	0.00K	Hail (1.00)
An isolated severe storm produced marginal severe hail which formed along a frontal boundary.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
MISSOURI, Southwest									
Pulaski County 1 SE Dixon	28	2230CST			0	0	0.00K	0.00K	Hail (1.00)
Dade County 1 E Greenfield	28	2315CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
A large limb up to six inches in diameter was blown down. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Jasper County 1 W Webb City	29	0008CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Several trees were blown down. One tree was blown down on a house. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Newton County Neosho	29	0015CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
A tree was blown down at the intersection of Ried Road and Summit Street. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Pulaski County 3 ESE Helm	29	0020CST 0120CST			0	0	0.00K	0.00K	Flash Flood
Two feet of water was reported over the road near the intersection of Highway O and Creek Road.									
McDonald County 3 SE Havenhurst	29	0040CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
A tree was blown down across Brush Creek Road. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Lawrence County 1 S Aurora	29	0107CST			0	0	0.00K	0.00K	Hail (0.75)
Pulaski County 1 SE Dixon	29	0110CST 0210CST			0	0	0.00K	0.00K	Heavy Rain
A storm total rainfall of 3.59 inches was measured. Minor street flooding was reported.									
Webster County 1 NE Marshfield	29	0115CST			0	0	0.00K	0.00K	Hail (0.75)
Jasper County 1 W Carterville	29	2315CST			0	0	0.00K	0.00K	Hail (0.88)
Greene County 1 E Republic	31	0121CST			0	0	0.00K	0.00K	Hail (0.88)
A frontal boundary over the Ozarks interacted with an upper level disturbance and developed strong to severe storms. These storms produced marginal severe hail and wind damage.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MONTANA, Central

MTZ011

Hill

05	2200MST								
06	1800MST			0	0				Heavy Snow

A spring storm system moved across North-Central Montana generating significant snowfall over the Bears Paw Mountains.

MTZ047-051

Blaine - Fergus

06	0453MST								
	1900MST			0	0				High Wind

A storm system moving across the region brought strong winds of roughly 55 to 65 mph to portions of North-Central Montana.

MTZ008

Beaverhead

09	0000MST								
15				0	0				Wildfire

Test.

09	2100MST								
10	0900MST			0	0				Heavy Snow

Snow showers over Central Montana resulted in warning criteria snowfall over portions of the area.

MTZ011

Hill

10	1256MST								
				0	0				High Wind

Snow showers helped generate strong winds over portions of North-Central Montana. Wind gusts topped out in the 50 to 60 mph range.

**Beaverhead County
8 WSW Grant**

21	1647MST					0.00K	0.00K		Thunderstorm Wind (51MG)
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A thunderstorm produced a wind gust to 59 mph at Grant 8WSW (the Brenner RAWS site).

Strong thunderstorms produced gusty winds in Beaverhead County. Wind gusts to 59 mph were reported. Note: The measured wind gust of 51 knots is equivalent to 59 mph.

MTZ045

Liberty

22	1416MST								
	1616MST			0	0	0.00K	0.00K		High Wind

A strong westerly flow aloft produced a period of high sustained winds in Liberty County. Sustained wind speeds over 40 mph were reported for several hours.

MTZ008-015-048

Beaverhead - Madison - Southern Rocky Mountain Front

24	0500MST								
28				0	0				Heavy Snow

MTZ050

Judith Basin

25	1700MST								
28	1200MST			0	0	0.00K	0.00K		Heavy Snow

MTZ051

Fergus

26	1700MST								
28	1200MST			0	0	0.00K	0.00K		Heavy Snow

MTZ011-047

Blaine - Hill

27	0500MST								
28	1200MST			0	0				Heavy Snow

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MONTANA, Central

A strong late-spring storm moved through the Northern Rocky Mountains bringing a mix of rain and snow to region. Higher elevations received the brunt of the snow but some lower elevations lost power and had down tree limbs. Station KXLH in Helena, MT was also briefly knocked off the air due to the winter weather.

Judith Basin County 1 NNE Geyser

29	1319MST			0	0				Thunderstorm Wind (51MG)
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Thunderstorms produced a wind gust to 51KT (59 mph) at the Geyser DOT sensor.

Afternoon thunderstorms developed over Judith Basin producing strong winds and small hail. Note: The measured wind gust of 51 knots is equivalent to 59 mph.

MONTANA, East

Sheridan County Reserve

04	2025MST 2030MST			0	0	0.00K	0.00K		Hail (0.75)
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Public reported penny-sized hail covering the ground.

A partially unstable atmosphere led to the development of marginally severe thunderstorms.

MTZ016-020-022> 025-027-059>062

Central and Southeast Phillips - Central and Southern Valley - Dawson - Eastern Roosevelt - Garfield - Little Rocky Mountains - McCone - Northern Phillips - Northern Valley - Richland - Western Roosevelt - Wibaux

06	0325MST 1555MST			0	0	0.00K	0.00K		High Wind
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A strong low pressure system over the northern plains, allowed very strong winds to be focused across northeast Montana.

Sheridan County 2 ENE Comertown Dot

22	1412MST			0	0	0.00K	0.00K		Thunderstorm Wind (68MG)
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The Comertown Turn-Off DOT MT-5 DOT site measured sustained winds of 69 mph and a wind gust of 78 mph.

Note: The measured wind gust of 68 knots is equivalent to 78 mph.

Sheridan County 3 N Plentywood

22	2042MST 2048MST			0	0	0.00K	0.00K		Hail (0.75)
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Public reported penny-sized hail.

Favorable winds, instability and other atmospheric conditions allowed a few severe thunderstorms to rapidly develop over Montana's far northeast corner.

MONTANA, South

Stillwater County 3 N Rapids

16	1424MST			0	0	0.00K	0.00K		Thunderstorm Wind (51MG)
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Estimated 6-8 inch diameter tree limbs were reported downed. In addition, an irrigation piping was moved and an old shed was moved off its foundation slightly.

A thunderstorm just east of Columbus produced a wind gust that resulted in some damage. Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Wheatland County 1 NE Harlowton

21	1650MST			0	0	0.00K	0.00K		Thunderstorm Wind (51MG)
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An isolated thunderstorm produced a severe wind gust just east of Harlowton. Note: The measured wind gust of 51 knots is equivalent to 59 mph.

MTZ056

Red Lodge Foothills

25	1000MST								
26	1200MST			0	0	0.00K	0.00K		Winter Storm

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MONTANA, South

A potent late Spring storm brought much needed rain to the plains with heavy, wet snow to the mountains, as well as portions of the foothills locations. The heaviest snowfall occurred late Friday afternoon of the 25th and continued through the morning hours of the 26th. The heavy snow resulted in the closure of the Beartooth Pass during the start of the Memorial Day weekend.

MONTANA, West

MTZ006

Bitterroot/Sapphire Mountains

01	0100MST 0400MST				0	0	0.00K	0.00K	Heavy Snow
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The jet stream was south of the region with a pool of cold air aloft. This caused an unstable atmosphere, and aided by orographic lift, produced unseasonable mountain snow.

Ravalli County

18 SSW Conner Shook Mtn Arp04

	1456MST 1502MST				0	0	0.00K	0.00K	Hail (0.88)
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A spotter estimated hail of 0.88 inch, 18 miles west southwest of Lost trail pass.

A cold front pushed across the region resulting in hail producing thunderstorms in Ravalli County.

MTZ007

Butte/Blackfoot Region

24	1800MST				0	0	0.00K	0.00K	Heavy Snow
25	0200MST 0900MST				0	0	0.00K	0.00K	Heavy Snow

MTZ002-006-007

Bitterroot/Sapphire Mountains - Butte/Blackfoot Region - West Glacier Region

26	0800MST				0	0	0.00K	2.0K	Heavy Snow
27	2000MST				0	0	0.00K	2.0K	Heavy Snow

A moist and unstable air mass settled in over western Montana ahead of an upper level low for Memorial Day weekend. This caused snow levels to lower to the higher urban areas and high-use recreation areas in western Montana.

NEBRASKA, Central

Brown County

4 SSW (ANW)Ainsworth Muni 01

	1535CST				0	0			Hail (1.50)
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Ground was covered by hail.

Brown County

4 SW Ainsworth 01

	1547CST				0	0			Hail (1.75)
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Brown County

4 S Ainsworth 01

	1605CST				0	0			Hail (1.50)
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Brown County

1 W Ainsworth 01

	1713CST				0	0			Hail (1.50)
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Hail fell on the south side of town.

Rock County

4 NW Rose 01

	1740CST				0	0			Hail (1.00)
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Isolated severe thunderstorms developed along a weak boundary.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, Central									
Holt County 12 NNE Page	04	1247CST			0	0			Hail (0.88)
Holt County 17 N (ONL)O Neill Arpt	04	1450CST			0	0			Hail (0.88)
Holt County 17 N Page	04	1455CST			0	0			Hail (1.00)
Holt County 18 NNE (ONL)O Neill Arpt	04	1500CST			0	0			Hail (1.75)
Cherry County 20 WSW Brownlee	04	1502CST			0	0			Hail (1.00)
Holt County 19 N Page	04	1503CST			0	0			Hail (1.75)
Blaine County 7 E Brewster	04	1550CST			0	0			Hail (1.75)
Thomas County 6 ENE Seneca	04	1550CST			0	0			Hail (0.88)
Blaine County 9 E Brewster	04	1600CST			0	0			Hail (2.75)
Loup County 9 NW Almeria	04	1600CST			0	0			Hail (2.00)
Loup County 4 NNW Almeria	04	1623CST			0	0	0.00K	0.00K	Funnel Cloud
Loup County 2 N Taylor	04	1650CST			0	0			Hail (1.75)
Loup County 4 NE Taylor	04	1652CST			0	0			Hail (1.00)
									Hail lasted for ten minutes.
Garfield County 10 NE Burwell	04	1655CST			0	0			Hail (1.00)
Loup County 4 E Taylor	04	1708CST			0	0			Hail (0.88)
Garfield County 18 ENE Burwell	04	1731CST			0	0	0.00K	0.00K	Funnel Cloud
Garfield County 18 E Burwell	04	1738CST			0	0	0.00K	0.00K	Funnel Cloud

One mile north of the Highway 70 and Highway 91 interchange.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, Central									
Garfield County 18 E Burwell	04	1817CST			0	0			Hail (1.00)
Garfield County 18 E Burwell	04	1822CST			0	0			Hail (1.00)
Garfield County 16 E Burwell	04	1822CST			0	0			Hail (1.50)
Garfield County 17 E Burwell	04	1823CST			0	0			Hail (1.75)
Custer County 1 SE Callaway	04	1950CST			0	0			Hail (0.75)
									Hail covered the ground throughout the town of Callaway.
Custer County 6 ESE Westerville	04	1958CST			0	0			Hail (1.00)
Custer County 5 S Mason City	04	2110CST			0	0	0.00K	0.00K	Hail (1.00)
									Very heavy rain also accompanied the hail.
Custer County 5 S Mason City	04	2127CST			0	0			Hail (1.25)
									Modest bulk shear combined with a high cape environment, and scattered thunderstorms were the result to the north of a weak frontal boundary.
Wheeler County 10 NW Bartlett	05	0600CST			0	0			Heavy Rain
Wheeler County 9 NE Bartlett	05	0600CST			0	0			Heavy Rain
Custer County 1 S Mason City	05	0700CST			0	0			Heavy Rain
Logan County 9 N Stapleton	05	2000CST			0	0			Hail (1.75)
Logan County 7 N Stapleton	05	2008CST			0	0			Hail (1.75)
Logan County 10 N Stapleton	05	2013CST			0	0			Hail (1.75)
Logan County 12 N Stapleton	05	2020CST			0	0			Hail (1.25)
Logan County 15 N Stapleton	05	2027CST			0	0			Hail (1.00)
Mcpherson County 2 ESE Ringgold	05	2028CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, Central

Brown County
27 S Ainsworth 05 2030CST 0 0 Hail (1.00)

Brown County
32 S Johnstown 05 2038CST 0 0 Hail (0.75)

Brown County
17 SSW Ainsworth 05 2045CST 0 0 Hail (1.50)

Rock County
10 N Newport 05 2045CST 0 0 Hail (1.00)

Rock County
10 SW Bassett 05 2045CST 0 0 Hail (1.00)

Logan County
8 SW Stapleton 05 2110CST 0 0 Hail (1.00)

Lincoln County
9 N North Platte 05 2113CST 0 0 Hail (1.25)

Rock County
10 SW Bassett 05 2115CST 0 0 Hail (1.00)

Blaine County
1 NE Dunning 05 2145CST 0 0 Hail (1.00)

Logan County
5 W Stapleton 05 2148CST 0 0 Hail (1.25)

Logan County
1 W Stapleton 05 2205CST 0 0 Hail (1.25)

Lincoln County
1 SSE North Platte 05 2240CST 0 0 Hail (1.50)

Hail occurred on the west side of North Platte.

Lincoln County
1 SSE North Platte 05 2242CST 0 0 Hail (1.00)

Hail reported near the North Platte High School.

Custer County
2 SE Anselmo 05 2315CST 0 0 Hail (1.00)

Logan County
9 N Stapleton 06 0600CST 0 0 Heavy Rain

Elevated severe thunderstorms developed north of a stationary front across central and north central Nebraska.

Arthur County
8 SW Arthur 18 1828MST 0 0 0.00K 0.00K Hail (1.00)

An isolated severe thunderstorm developed in Arthur County to briefly produce large hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, Central									
Mepherston County 8 NNE Tryon	19	0826CST			0	0			Hail (1.00)
Thomas County 19 S Seneca	19	0840CST			0	0			Hail (1.00)
Keith County 2 E Paxton	19	1147MST			0	0			Hail (0.88)
Hayes County 3 ESE Hamlet	19	1228CST			0	0			Hail (1.50)
Hayes County 11 ESE Hayes Center	19	1258CST			0	0			Hail (1.25)
Frontier County 10 NNW Hugh Butler Lake	19	1307CST			0	0			Hail (1.00)
Frontier County 9 SSW Maywood	19	1313CST			0	0			Hail (1.00)
Lincoln County 9 E Wellfleet	19	1336CST			0	0			Hail (1.00)
Custer County 3 W Merna	19	1514CST			0	0			Hail (1.00)
Holt County 2 WSW Swan Lake	19	1708CST			0	0			Hail (0.88)
Scattered severe thunderstorms developed along a surface trough that extended north to south through western and north central Nebraska.									
Arthur County 11 SW Arthur	21	1504MST			0	0			Hail (1.00)
Keith County 6 N Lemoyne	21	1550MST			0	0			Hail (1.00)
Keith County 4 W Keystone	21	1550MST			0	0			Hail (1.00)
Keith County 6 SE Roscoe	21	1739MST			0	0			Hail (1.00)
Keith County 1 W Roscoe	21	1750MST			0	0			Hail (1.00)
Keith County 8 SW Paxton	21	1750MST			0	0			Hail (1.00)
Cherry County 5 NW Kilgore	21	1820CST			0	0			Hail (1.00)

Isolated severe thunderstorms developed along the dryline.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, Central

Holt County
6 N Chambers 22 0615CST 0 0 Hail (1.00)

Holt County
8 NE Chambers 22 0623CST 0 0 Hail (1.00)

Holt County
6 SW Inman 22 0635CST 0 0 Hail (1.00)

Holt County
7 SW Inman 22 0645CST 0 0 Hail (1.25)

Isolated elevated severe thunderstorms developed across eastern portions of north central Nebraska during the early morning of May 22nd.

Wheeler County
8 NW Bartlett 23 2012CST 0 0 Hail (1.00)

Wheeler County
6 N Bartlett 23 2031CST 0 0 Hail (1.25)

Scattered thunderstorms, a few of which were severe, developed along a cold front across eastern portions of north central Nebraska.

Wheeler County
7 SSE Bartlett 27 1537CST 0 0 Hail (1.00)

Wheeler County
6 ESE Bartlett 27 1540CST 0 0 Hail (1.75)

Wheeler County
13 SE Bartlett 27 1542CST 0 0 Hail (1.25)

Wheeler County
6 NE Bartlett 27 1554CST 0 0 Hail (1.75)

Strong shear and modest amounts of cape help to produce isolated supercells across Holt and Wheeler counties.

Lincoln County
6 S Brady 30 0929CST 0 0 Hail (0.75)

Lincoln County
8 NE Dickens 30 1546CST 0 0 Hail (0.88)

Hayes County
3 S Hayes Center 30 1550CST 0 0 Hail (1.00)

Lincoln County
7 NE Dickens 30 1555CST 0 0 Hail (1.75)

Hayes County
7 S Hayes Center 30 1557CST 0 0 Hail (1.00)

Lincoln County
12 NNE Wellfleet 30 1558CST 0 0 5000.00K Hail (1.75)

Considerable damage done to a new convertible from the hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, Central

Hayes County

15 SE Hayes Center

30 1620CST 0 0 Hail (0.75)

Scattered severe thunderstorms develop across southwest Nebraska to the north of a stationary front.

NEBRASKA, East

Seward County

2 NW Utica

01 2137CST
2140CST 0 0 0.00K 0.00K Hail (1.25)

Hail up to 1.25 inches in diameter fell in the Utica area for several minutes.

Cass County

2 SSE Cedar Creek

01 2344CST 0 0 0.00K 0.00K Hail (0.75)

A few hailstones reached around dime-size near Highway 66 and 108th Street.

Douglas County

1 W Valley

02 0015CST 0 0 0.00K 0.00K Hail (0.75)

Hail up to dime-size fell at the NWS office.

Douglas County

1 SW Omaha

02 0040CST 0 0 0.00K 0.00K Hail (0.75)

Reported along 120th from around Dodge Street to Blondo Street.

Douglas County

1 SW Omaha

02 0055CST 0 0 0.00K 0.00K Hail (1.00)

Hail up to quarter-size fell near 32nd and Tucker Streets. Rainfall of 1.82 was also reported from the storm.

Thunderstorms developed along a front that moved into eastern Nebraska before stalling. Instability was high enough so that several of these storms became severe and produced large hail.

Boone County

3 SE Cedar Rapids

02 1917CST
1918CST 0 0 Hail (1.50)

Hail up to ping pong ball-size was reported just southeast of Cedar Rapids.

Boone County

1 SW Albion

02 1943CST 0 0 0.00K 0.00K Hail (1.00)

Boone County

3 ESE Primrose

02 2035CST 0 0 0.00K 0.00K Hail (0.75)

Hail around dime-size covered Highway 52 between Cedar Rapids and Primrose.

Platte County

3 N Rosenburg

02 2139CST 0 0 0.00K 0.00K Hail (1.00)

Platte County

2 SW Lindsay

02 2150CST 0 0 0.00K 0.00K Hail (1.00)

Saline County

3 WSW Friend

02 2225CST
2229CST 0 0 Hail (1.75)

Hail from quarter to golfball-size fell west through southwest of Friend. Most of the hail was quarter-size.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, East									
Platte County 3 ENE Humphrey	02	2245CST			0	0	0.00K	0.00K	Hail (1.00)
Seward County 6 SSE Beaver Crossing	02	2248CST			0	0	0.00K	0.00K	Hail (1.25)
									The hail was mostly dime-size, but a few stones up to half dollar-size were observed.
Wayne County 3 N Carroll	02	2258CST			0	0	0.00K	0.00K	Hail (1.00)
									Hail up to quarter-size was reported north of Carroll.
Saline County 1 E Dorchester	02	2312CST			0	0	0.00K	0.00K	Hail (0.88)
									Hail up to nickel-size was reported in Dorchester.
Saline County 1 W Crete	02	2326CST			0	0			Thunderstorm Wind (50EG)
									Thunderstorm wind gusts estimated at close to 60 mph downed a few large tree limbs which blocked a few streets in Crete.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Saline County 1 W Wilber	02	2328CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
									Thunderstorm wind gusts estimated at around 60 mph downed a few large tree limbs onto a few streets in the Wilber area.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Lancaster County 2 ESE West Lincoln	02	2335CST			0	0	0.00K	0.00K	Hail (0.75)
									Reported at the Lincoln Airpark.
Lancaster County 1 E Emerald	02	2340CST			0	0	0.00K	0.00K	Hail (0.75)
Dodge County 3 SW Hooper	03	0015CST			0	0	0.00K	0.00K	Hail (1.00)
Saunders County 1 SE Ashland	03	0015CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									Thunderstorm winds were estimated at around 60 mph by spotters near Ashland.
									Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Sarpy County 1 NNE Papillion	03	0035CST			0	0	0.00K	0.00K	Hail (0.75)
									In the La Vista area.
Douglas County 1 SW Omaha	03	0039CST			0	0	0.00K	0.00K	Hail (0.75)
									Reported near 108th and Mockingbird.
									For the second evening in a row, strong to severe thunderstorms developed across parts of eastern Nebraska along a nearly stationary front that had pushed into the region. Higher amounts of instability allowed for a little larger coverage in the severe weather than previous evening, and some isolated wind damage and heavier rain totals also occurred along with the large hail reports.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, East									
Thurston County									
3 E Pender	03	1832CST 1847CST			0	0			Hail (1.25)
									Hail up to half dollar-size fell for around 15 minutes east of Pender from a slow moving thunderstorm which also dropped isolated very heavy rainfall.
Thurston County									
3 ESE Pender	03	1847CST 1947CST			0	0	0.00K	0.00K	Heavy Rain
									Rainfall that doppler radar estimated approached 4 inches fell across a very small area east southeast of Pender. The heavy rain produced some field flooding which briefly flowed across a few roads.
Thurston County									
1 SW Pender	03	1900CST			0	0	0.00K	0.00K	Hail (0.75)
Cuming County									
8 NE Wisner	03	1925CST			0	0	0.00K	0.00K	Hail (1.00)
Washington County									
4 W Washington	03	2000CST			0	0			Hail (1.75)
									Hail up to golf ball-size fell around 9 pm CDT southeast of Arlington. Hail around dime-size, however, fell until around 920 pm CDT.
Washington County									
4 W Washington	03	2000CST 2020CST			0	0	0.00K	0.00K	Hail (0.75)
									Hail around dime-size fell for around 20 minutes southeast of Arlington.
									Several weak and little moving boundaries over eastern Nebraska combined with high instability and produced isolated very slow moving thunderstorms across the region. A couple of the storms dropped large hail and also produced very isolated heavy rain amounts.
Knox County									
8 SW Niobrara 10 NW Verdigre	04	1251CST 1318CST			0	0			Hail (1.75)
									Hail up to golf ball-size fell for around 20 to 30 minutes northwest of Verdigre.
Knox County									
5 S Niobrara 8 NE Verdigre	04	1330CST 1400CST			0	0			Hail (1.00)
									Hail around quarter-size fell for about a half hour northeast of Verdigre from a slow moving thunderstorm.
Platte County									
2 SSW Tarnov	04	1712CST			0	0			Hail (1.75)
Boone County									
1 SW Primrose	04	1718CST			0	0			Hail (1.75)
Madison County									
Newman Grove	04	1726CST			0	0			Hail (1.75)
Colfax County									
1 NNE Rogers	04	1800CST 1830CST			0	0			Hail (1.25)
									Hail up to half dollar-size fell for about 30 minutes just north of Rogers from a slow moving thunderstorm.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, East									
Dodge County									
1 NNE Fremont	04	1830CST 1840CST			0	0			Hail (1.25)
									A slow moving thunderstorm dropped hail up to half dollar-size a few miles north of Fremont for at least 10 minutes.
Dodge County									
1 SE Fremont	04	1900CST 1902CST			0	0			Hail (1.50)
									Hail up to ping pong ball-size fell for at least several minutes on the north side of Fremont.
Wayne County									
4 NNW Wayne	04	2052CST			0	0			Hail (1.00)
									Hail up to quarter-size covered the ground north of Wayne.
Wayne County									
8 SSW Sholes	04	2123CST 2138CST			0	0			Hail (1.00)
									Hail up to quarter-size fell for about 15 minutes, although most of the hail was 1/2 or smaller.
									Isolated severe thunderstorms developed in northeast Nebraska during the mid afternoon of May 4th as outflow from thunderstorms over South Dakota pushed into an area that was moderately to extremely unstable. The outflow pushed south and weakened through mid evening as scattered thunderstorms continued to develop and produce large hail. Later in the evening the storms reformed north of the old outflow aided by a slightly increasing low-level jet.
Douglas County									
1 SW Omaha	06	0358CST			0	0	0.00K	0.00K	Hail (1.00)
									Hail reached around 1 inch in diameter near 60th and Blondo Streets.
Douglas County									
1 ESE May	06	0400CST			0	0			Thunderstorm Wind (55EG)
									A bowing segment of a line of thunderstorms produced areas of tree damage and power outages from the south part of Omaha into Papillion and Bellevue. In south Omaha power lines were reported downed near 42nd and Valley. The winds were measured at 77 mph at Offutt Afb in Sarpy county. A total of 10,000 homes lost power from the storm in Sarpy and southern Douglas counties.
									Note: The estimated wind gust of 55 knots is equivalent to 63 mph.
Sarpy County									
1 NE Papillion (OFF)Offutt Afb	06	0400CST 0420CST			0	0			Thunderstorm Wind (67MG)
									A bowing segment of a line of thunderstorms produced areas of tree damage, some structural and vehicle damage and power outages from the south part of Omaha into Papillion and Bellevue. At Offutt Afb, a thunderstorm wind gust of 77 mph was measured at 500 am CDT and some home weather equipment in the area measured gusts over 60 mph. Around 10,500 homes lost power from the storm in southern Omaha and in Sarpy county. According to the Omaha World Herald, the worst damage occurred in an area bounded roughly from 25th to 48th streets south of Highway 370, though trees were downed or damaged in many areas of Bellevue. The Bellevue Medical Center sustained outside panel damage which allowed rain water to get inside the northwest side of the structure damaging 20 rooms and forcing 5 patients to move to different rooms.
									A line of thunderstorms that formed on a cold front during the late evening of May 5th in central Nebraska pushed into eastern Nebraska during the predawn hours of May 6th. A segment of the line bowed out across the south parts of the Omaha Metro and raced through southwest Iowa producing areas of wind damage. Note: The measured wind gust of 67 knots is equivalent to 77 mph.
Lancaster County									
2 NNE Malcolm Agnew	19	1720CST 1728CST			0	0	0.00K	0.00K	Hail (1.00)
									Hail around 1 inch in diameter fell north of Malcolm.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, East

Colfax County

1 SSE Schuyler	19	1722CST			0	0			Hail (1.75)
4 N Schuyler Muni Arpt		1735CST							

Hail up to golf ball-size fell in the Schuyler area for 10 to 15 minutes. The hail was accompanied by winds estimated at 60 mph. The hail broke windows and damaged cars and siding. The area 4 miles northeast of Schuyler was hit the hardest according to emergency management.

Colfax County

1 E Schuyler	19	1728CST			0	0			Thunderstorm Wind (52EG)
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Thunderstorm winds gusts estimated at 60 mph were accompanied by hail that was quarter and golf ball-size.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Butler County

1 NNE Loma	19	1755CST			0	0	0.00K	0.00K	Hail (1.00)
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Dodge County

North Bend	19	1800CST			0	0	0.00K	0.00K	Hail (1.00)
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Saunders County

Ceresco	19	1838CST			0	0	0.00K	0.00K	Hail (0.88)
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Nickel-size hail was accompanied by thunderstorm wind gusts estimated at 60 mph.

Saunders County

1 N Ceresco	19	1838CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm wind gusts estimated at 60 mph were accompanied by nickel-size hail.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Thurston County

1 SW Pender	19	1841CST			0	0	0.00K	0.00K	Hail (0.75)
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Saunders County

Wahoo	19	1841CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
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Thunderstorm wind gusts were estimated at 70 mph in the Wahoo area.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Saunders County

1 E Cedar Bluffs	19	1845CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated at close to 60 mph broke some 3 to 5 inch diameter tree limbs.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Saunders County

1 SE Ashland	19	1853CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds were estimated to have reached around 60 mph in the Ashland area.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Washington County

2 ESE Blair	19	1855CST			0	0	0.00K	0.00K	Hail (0.88)
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Washington County

2 WSW Ft Calhoun	19	1855CST			0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
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Thunderstorm wind gusts were measured at 58 mph by home weather equipment. The winds uprooted a 6 inch diameter tree.

Note: The measured wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, East

Washington County 3 W Blair

19	1855CST 1900CST				0	0			Thunderstorm Wind (70MG)
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Home weather equipment measured a thunderstorm wind gust of 81 mph in the Blair area. The winds destroyed a horse barn and grain bin a few miles west of Blair and also damaged the siding of a home. Other outbuilding damage was noted in the area.

Note: The measured wind gust of 70 knots is equivalent to 81 mph.

Jefferson County 1 SW Fairbury

19	1907CST				0	0	0.00K	0.00K	Hail (0.88)
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Douglas County 1 SW Omaha

19	1910CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm wind gusts estimated at 60 mph downed a tree near Dodge Park along 36th Street. The fallen tree downed power lines in the area.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Douglas County (OVN)Wso Omaha

19	1911CST				0	0	0.00K	0.00K	Hail (1.00)
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The hail was reported north of I680 just north of Omaha and east of Bennington.

Cass County 1 S Cedar Creek

19	2036CST				0	0	0.00K	0.00K	Hail (1.00)
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Sarpy County Bellevue

19	2046CST 2054CST				0	0	0.00K	0.00K	Hail (1.00)
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Hail up to quarter-size was reported near 15th and Gaelic Streets and nickel-size along West 16th Avenue in Bellevue.

Scattered thunderstorms developed along and behind a cold front during the afternoon and evening of May 19th. Several of the storms were severe producing large hail and strong winds as they tracked across the region.

Dodge County 3 SW Webster

23	1630CST				0	0			Hail (1.00)
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Seward County 1 N Utica

23	1736CST				0	0	0.00K	0.00K	Hail (1.00)
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Butler County 2 ENE Dwight

23	1800CST				0	0	0.00K	0.00K	Hail (1.00)
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Butler County 3 SSE David City Arpt

23	1806CST				0	0	0.00K	0.00K	Hail (0.75)
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Butler County 2 SE Dwight

23	1810CST 1816CST				0	0			Hail (1.50)
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Hail up to 1.5 inches in diameter fell for several minutes southeast through northeast of Dwight.

Butler County 3 SE Dwight

23	1810CST				0	0			Thunderstorm Wind (55EG)
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Thunderstorm winds estimated at over 60 mph downed trees and power lines near county roads 21, P and U southeast of Dwight. The winds were accompanied by hail that reached up to 1.5 inches in diameter.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
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NEBRASKA, East

Saunders County Wahoo

23	1846CST 1849CST				0	0			Hail (0.88)
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The hail was accompanied by thunderstorm wind gusts which reached 68 mph at the Wahoo airport.

Saunders County Wahoo

23	1848CST				0	0	0.00K	0.00K	Thunderstorm Wind (59MG)
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Thunderstorm wind gusts which peaked at a measured 68 mph at the Wahoo airport, were accompanied by nickel-size hail.

Note: The measured wind gust of 59 knots is equivalent to 68 mph.

Saunders County 1 SE Ithaca

23	1850CST				0	0	0.00K	0.00K	Hail (0.88)
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Saunders County 1 E Mead

23	1852CST				0	0	0.00K	0.00K	Hail (0.88)
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Douglas County 1 W Valley

23	1912CST				0	0			Hail (1.75)
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Hail up to golf ball-size fell at the NWS office just northwest of Valley. The hail was accompanied by thunderstorm wind gusts that were measured at 60 mph. Although most hailstones were an inch to an inch and half in diameter, the wind-driven hail caused vehicle damage at the office and likely at surrounding sites as well.

Douglas County 1 W Valley

23	1913CST				0	0			Thunderstorm Wind (52MG)
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Thunderstorm wind gusts were measured at 60 mph at the NWS office just northwest of Valley. The winds were accompanied by hail that reached up to golf ball-size.

Note: The measured wind gust of 52 knots is equivalent to 60 mph.

Douglas County 1 E Valley

23	1921CST				0	0	0.00K	0.00K	Hail (1.25)
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From the same storm that hit the NWS office a few minutes earlier.

Pierce County 1 SW Osmond

23	2047CST				0	0	0.00K	0.00K	Hail (1.00)
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Scattered thunderstorms, a few severe with damaging winds and large hail, developed along a slow moving cold front during the late afternoon of May 23rd. The storms tracked northeast and kept developing a bit farther southeast into the evening as the front slowly pushed southeast toward Omaha and Lincoln. Later that evening and overnight, thunderstorms developed farther northwest of the front aided by an upper level disturbance and increasing low level jet. Outflow from many of the storms in the late afternoon and evening produced swirling dust devils that prompted several reports of tornadoes. However, most if not all of the tornado reports with this event were likely non-tornadic. However, some of the storms did produce damaging winds through mid evening. Later that evening and overnight the storms produced marginally severe hail and locally heavy rain.

Platte County 1 E St Bernard

24	1636CST 1637CST	0.75	100	0	0	100.00K	0.00K	Tornado (EF2)
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A brief tornado from a low-topped mini-supercell destroyed a farm house a few miles west northwest of Cornlea. The house had its roof lifted off which caused several walls to collapse. The family in the house had seen the tornado approach and had taken cover in the basement and were uninjured.

An upper level disturbance that tracked across northern Nebraska and South Dakota during the late afternoon of May 24th caused small thunderstorm complex to track from northern Nebraska toward east central Nebraska late in the afternoon and early evening. A front had already passed through the region earlier in the day which had cleared out a lot of the moisture and instability. However, strong enough heating had allowed a partial atmospheric recovery so that by the time the storms pushed toward the region they had strengthened some. A low-topped mini-supercell thunderstorm northwest of Columbus spun up a brief tornado which destroyed a farm house near Cornlea.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

NEBRASKA, East



Damage to a rural home northwest of Cornlea, NE that was in the direct path of a tornado. Photo by Tim Hofbauer.

Cuming County 1 NE Wisner

25	2210CST			0	0	0.00K	0.00K	Hail (1.00)
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The hail was also accompanied by very strong winds but no speed estimate was available.

Burt County 1 NNE Lyons

25	2300CST			0	0	0.00K	0.00K	Hail (1.00)
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A warm front lifted into north central and far northeast Nebraska during the late afternoon of May 25th. Temperatures well into the 80s and 90s and dew point temperatures in the 60s south of the front created high instability values. Warm mid level temperatures had helped restrict the activity much of the afternoon, but eventually scattered thunderstorms developed in central Nebraska late in the afternoon. These storms eventually spread into northeast Nebraska late in the evening fed by a strong low level jet.

Wayne County 5 S Winside

27	1557CST			0	0			Hail (1.75)
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Hail around golf ball-size was reported by the cooperative observer west of Wayne.

Antelope County 1 S Elgin

27	1600CST 1609CST			0	0			Hail (1.75)
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Hail up to golf ball-size fell in and near the Elgin area. The wind driven hail broke windows and damaged siding in the area, and also caused vehicle and tree damage. Crops in the region were also heavily damaged. This storm also produced a tornado south of the region.

Boone County 4 WNW Closter

27	1606CST 1608CST	1.35	75	0	0	0.00K	0.00K	Tornado (EF0)
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A brief tornado was reported south and east of Elgin by law enforcement. The tornado caused no apparent damage.

Antelope County Elgin

27	1612CST 1617CST			0	0			Hail (2.50)
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Hail up to baseball-size smashed car and house windows and caused siding and roof damage as well. Winds with the thunderstorm also downed a tree east of town.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
NEBRASKA, East									
Antelope County Oakdale	27	1625CST 1630CST			0	0			Hail (2.50)
									Most of the hail was around golf ball-size, but a few were around tennis ball-size. The hail broke car and building windows and caused other siding and roof damage in the area.
Pierce County 3 SW Pierce	27	1637CST 1639CST			0	0			Hail (2.75)
									Hail up to baseball-size fell from the Willow Creek State Recreation area into Pierce. Several campers and vehicles were damaged.
Antelope County 1 E Elgin	27	1642CST 2042CST			0	0	15.00K	0.00K	Flash Flood
									Rainfall of over 4 inches fell in a few hours in the Elgin area. The heavy rain caused flash flooding over a few roads and at least one bridge east of Elgin.
Boone County 1 SW Primrose	27	1648CST			0	0	0.00K	0.00K	Hail (1.50)
Pierce County 1 NE Mc Lean	27	1657CST			0	0			Hail (2.75)
									Hail around baseball-size was reported west of Randolph.
Boone County 4 SSE Closter	27	1705CST 1708CST	1.71	55	0	0	0.00K	0.00K	Tornado (EF0)
									A tornado briefly touched down in an open field south of Highway 32 northeast of Albion. The tornado caused no apparent damage.
Cedar County 5 W Coleridge	27	1709CST			0	0			Hail (2.75)
									Hail up to baseball-size fell west of Coleridge. The hail damaged roofs and crops in the region. Time was estimated from radar.
Cedar County 1 W Coleridge	27	1709CST 1714CST			0	0			Thunderstorm Wind (55EG)
									Thunderstorm wind gusts estimated at over 60 mph flipped several center irrigation pivots and snapped some highline power poles in the Coleridge area according to the Coleridge Blade newspaper. Time was estimated from radar.
									Note: The estimated wind gust of 55 knots is equivalent to 63 mph.
Seward County 4 S Flying V Arpt	27	1717CST			0	0			Hail (1.75)
									Golf ball-size hail was reported along I80 near mile marker 366 south of Utica.
Cedar County 2 NE Hartington Muni Arpt	27	1721CST			0	0	0.00K	0.00K	Hail (1.00)
Seward County Goehner	27	1723CST			0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
									Thunderstorm wind gusts estimated at around 60 mph took the roof off of an outbuilding near Goehner. The time was estimated from radar.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, East									
Madison County									
8 S Tilden	27	1724CST							
2 S Meadow Grove		1730CST			0	0			Hail (1.25)
Hail, the largest estimated to be around half dollar-size, caused crop damage in a path from south of Tilden to a little south of Meadow Grove. The hail was from the same supercell thunderstorm that produced a tornado a little southeast of the region. Time was estimated from radar.									
Cedar County									
4 E Coleridge	27	1725CST			0	0			Hail (4.50)
Hail up to softball-size was reported east of Coleridge from the second of 2 supercell thunderstorms that tracked near town. The hail damaged roofs and crops in the region. Time was estimated from radar.									
Madison County									
8 NE Newman Grove	27	1730CST							
2 SSW Battle Creek		1734CST			0	0			Hail (1.25)
Hail, most of it estimated to be half dollar size or smaller, caused areas of crop damage southwest of Battle Creek. The hail was from the same supercell thunderstorm that produced a tornado near or a little south of the region. Time of damage was estimated by radar.									
Madison County									
8 W Madison	27	1730CST							
		1732CST	1.75	75	0	0			Tornado (EF0)
A tornado was on the ground for a few minutes near Highways 121 and 32. The tornado was caught on video by a storm chaser.									
Boone County									
2 S Albion	27	1735CST							
		1739CST			0	0	0.00K	0.00K	Hail (1.00)
Dime to quarter-size hail fell in the Albion area.									
Butler County									
Ulysses	27	1745CST			0	0			Hail (2.50)
A few hail stones around tennis ball-size fell in the Ulysses area.									
Butler County									
David City	27	1752CST							
		1754CST			0	0			Hail (1.75)
Hail up to golf ball-size but mostly 1 to 1.5 inches in diameter fell in the David City area. The hail was accompanied by winds that were estimated at 60 mph.									
Butler County									
David City	27	1752CST			0	0			Thunderstorm Wind (52EG)
Thunderstorm wind gusts estimated at 60 mph flipped a trampoline several times and caused some minor tree damage in the David City area. The winds were accompanied by a few hailstones up to golf ball-size.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Madison County									
8 NE Newman Grove	27	1758CST							
8 W Madison		1803CST			0	0	150.00K	0.00K	Thunderstorm Wind (55EG)
Thunderstorm wind gusts estimated at over 60 mph destroyed a silo and part of a cattle barn on one farmstead about 8 miles west of Madison and a center pivot system was overturned in that area. A machine shed sustained heavy damage around 9 miles west of Madison.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, East

Seward County 2 SE Krutz Arpt

27	1825CST				0	0	0.00K	0.00K	Hail (1.25)
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Saunders County 1 NE Wahoo

27	1835CST				0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
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A thunderstorm wind gust of 58 mph was measured at the Wahoo airport.

Note: The measured wind gust of 50 knots is equivalent to 58 mph.

Platte County 2 NE Tarnov

27	1920CST				0	0	0.00K	0.00K	Hail (1.00)
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Wayne County 4 NW Wayne

27	1957CST 2130CST				0	0	0.00K	0.00K	Flash Flood
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Rainfall of 2 to 3 inches in an hour or two caused flood waters to flow from corn fields across a few county roads northwest of Wayne. Damage was apparently minimal.

Stanton County Stanton

27	2022CST 2222CST				0	0	0.00K	0.00K	Flash Flood
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Rainfall of nearly 3 inches in an hour or two caused flash flooding across a few streets in the Stanton area.

Stanton County 1 SSW Pilger

27	2022CST 2222CST				0	0	0.00K	0.00K	Flash Flood
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Rainfall of nearly 3 inches in an hour or two caused flash flooding across a few streets in Pilger.

Platte County 1 E Columbus 1 ENE Sheldonville

27	2046CST 2246CST				0	0	0.00K	0.00K	Flash Flood
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Heavy rain of 2.5 to 3 inches in one to two hours caused flash flooding across several streets in the Columbus area. The more significant flooding was across the north part of town where at least one street had several feet of water across it which caused at least 3 cars to stall when they attempted to drive through the flood waters.

Scattered thunderstorms, including a few supercell/tornado producing storms, developed ahead of and along a cold front that pressed into eastern Nebraska during the afternoon and evening of May 27th. Temperatures ahead of the front climbed into the upper 80s to lower 90s. So even though dew point temperatures were in the 50s and lower 60s, not especially high for the season, the high temperatures, an upper level disturbance driving the front east, and deeper mid level moisture all contributed to the strength of the storms this evening. The storms also produced pockets of very heavy rainfall as they tracked repeatedly across some locations.

NEBRASKA, Extreme Northeast

Dixon County 7 SSW Concord

04	2052CST				0	0	0.00K	0.00K	Hail (1.00)
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Dakota County 5 W Willis

04	2130CST				0	0	0.00K	0.00K	Hail (0.88)
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Dakota County 4 W Willis

04	2130CST				0	0	0.00K	0.00K	Hail (0.75)
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Dakota County 2 SW Willis

04	2135CST				0	0	0.00K	0.00K	Hail (1.00)
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Thunderstorms produced hail up to quarter size in Dixon and Dakota Counties in extreme northeast Nebraska during the evening of May 4th.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, Extreme Northeast

Dixon County
3 SSW Maskell 27 1740CST 0 0 0.00K 0.00K Thunderstorm Wind (56EG)

Thunderstorm winds caused tree damage, including numerous branches blown down. The winds were accompanied by small hail and heavy rain.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Dixon County
6 SSW Maskell 27 1900CST
2100CST 0 0 0.00K 0.00K Flood

Heavy rain caused pooling of water on roads.

Thunderstorms produced damaging winds and flooding in Dixon County of extreme northeast Nebraska during the early evening of May 27th.

NEBRASKA, Extreme Southwest

Dundy County
1 E Benkelman Jones Arpt 19 1047MST 0 0 0.00K 0.00K Hail (1.00)

Dundy County
3 N Max 19 1105MST 0 0 0.00K 0.00K Hail (1.00)

Dundy County
11 N Max 19 1115MST 0 0 0.00K 0.00K Hail (1.75)

Hitchcock County
Stratton 19 1210CST 0 0 0.00K 0.00K Hail (1.75)

Thunderstorms developed early in the day across eastern Colorado and moved north and east during the late morning and afternoon hours. Hail up to the size of golf balls was reported across extreme NW Kansas and southern Nebraska.

NEZ080-081

Hitchcock - Red Willow

26 2200CST
27 0200CST 0 0 0.00K 0.00K High Wind

Showers and thunderstorms moved into Northwest Kansas during the evening hours. The outflow winds generated from the showers and thunderstorms moved into Southwest Nebraska. The winds were enhanced by the already strong winds above the surface, which lead to widespread reports of wind gusts of 60 across the area. The wind gusts peaked during the late evening into the overnight hours then gradually diminished from west to east through the rest of the night.

Red Willow County
2 W Perry 30 1643CST 0 0 0.00K 0.00K Hail (1.00)

A cluster of thunderstorms formed during the afternoon hours and moved southeast across portions of northwest Kansas and extreme southwest Nebraska. The storms produced one landspout tornado and hail up to the size of golf balls.

NEBRASKA, South Central

Clay County
3 N Sutton 01 2025CST 0 0 0.00K 0.00K Hail (1.00)

Hamilton County
5 W Aurora 01 2029CST
2031CST 0 0 0.00K 0.00K Hail (1.00)

Polk County
Osceola 01 2039CST 0 0 0.00K 0.00K Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, South Central									
Hamilton County									
5 N Aurora	01	2051CST			0	0	25.00K	500.00K	Hail (1.50)
Polk County									
3 NE Shelby	01	2051CST 2054CST			0	0	0.00K	0.00K	Hail (0.88)
York County									
6 SSW York	01	2059CST			0	0	0.00K	0.00K	Hail (0.88)
York County									
6 ESE York	01	2115CST			0	0	25.00K	500.00K	Hail (1.50)
York County									
3 E Waco	01	2130CST			0	0	0.00K	0.00K	Hail (1.00)
York County									
3 W Benedict	01	2133CST			0	0	0.00K	0.00K	Hail (0.88)
York County									
Benedict	01	2143CST			0	0	0.00K	0.00K	Hail (1.00)
York County									
3 E Benedict	01	2144CST			0	0	0.00K	0.00K	Hail (0.88)
York County									
3 W Gresham	01	2200CST			0	0	25.00K	500.00K	Hail (1.50)
<p>Serving as the opening act to an active several days of severe weather, this Tuesday evening featured a cluster of hail-producing supercell storms within eastern portions of the area, primarily affecting Hamilton, York and Polk Counties. There were several reports of nickel to quarter size hail, with the largest stones up to ping pong ball size reported near Aurora, York and Gresham. The initial development, which was not severe, occurred between 630 PM and 8 PM CDT as a lone storm tracked northeast through parts of Franklin and Adams Counties. Then between 830 and 930 PM, this initial storm intensified across northern Clay County, while nearby, other supercells developed over Hamilton and Polk Counties. This localized supercell cluster exited east out of York and Polk Counties by 1130 PM CDT, ending all storm activity for the night within the 24-county area. In the mid and upper levels, this event was driven by the passage of a rather subtle shortwave trough within a west-southwest flow regime. At the surface, the initial late afternoon storm flared up near a surface trough axis, ahead of a cold front in western and north central Nebraska. As storms intensified during the evening, they were aided by a modest low level jet accelerating to around 35 knots at 850 millibars. Around the time of the largest hail reports, the mesoscale environment featured around 40 knots of 0-6 km vertical wind shear and 2500 J/kg mixed-layer CAPE.</p>									
Clay County									
7 ENE Clay Center	02 03	0600CST			0	0	0.00K	0.00K	Heavy Rain
A rainfall total of 3.10 inches was reported over a 24 hour period by a Nebraska Rainfall Assessment and Information Network Observer.									
Fillmore County									
4 W Geneva	02 03	0600CST			0	0	0.00K	0.00K	Heavy Rain
A rainfall total of 3.55 inches was reported over a 24 hour period by a Nebraska Rainfall Assessment and Information Network Observer.									
Fillmore County									
Fairmont	02 03	0600CST			0	0	0.00K	0.00K	Heavy Rain
A rainfall total of 3.45 inches was reported over a 24 hour period.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, South Central									
Clay County									
5 SSE Clay Center	02 03	0700CST			0	0	0.00K	0.00K	Heavy Rain
	A rainfall total of 3.43 inches was reported over a 24 hour period by a Nebraska Rainfall Assessment and Information Network Observer.								
Fillmore County									
1 SSE Fairmont	02 03	0700CST			0	0	0.00K	0.00K	Heavy Rain
	A rainfall total of 3.21 inches was reported over a 24 hour period by a Nebraska Rainfall Assessment and Information Network Observer.								
Fillmore County									
Geneva	02 03	1600CST			0	0	0.00K	0.00K	Heavy Rain
	A 24 hour rainfall total of 3.22 inches was reported.								
Howard County									
Dannebrog	02	1829CST			0	0	0.00K	0.00K	Hail (0.75)
Howard County									
1 W St Paul	02	1847CST			0	0	0.00K	0.00K	Hail (1.00)
Nance County									
8 SW Belgrade	02	1850CST			0	0	25.00K	250.00K	Hail (1.50)
Nance County									
7 SW Belgrade	02	1850CST			0	0	25.00K	250.00K	Hail (1.75)
Nance County									
6 W Fullerton	02	1907CST 1910CST			0	0	25.00K	250.00K	Hail (1.50)
Nance County									
2 N Fullerton	02	1924CST			0	0	0.00K	0.00K	Hail (1.00)
Clay County									
3 E Clay Center	02	1934CST			0	0	25.00K	250.00K	Hail (1.75)
Nuckolls County									
4 N Angus	02	1934CST			0	0	0.00K	0.00K	Hail (1.00)
Buffalo County									
1 E Amherst	02	1935CST 1950CST			0	0	25.00K	250.00K	Hail (1.75)
Nance County									
2 NNE Fullerton	02	1938CST			0	0	75.00K	250.00K	Hail (2.00)
Nance County									
3 NE Fullerton	02	1945CST			0	0	15.00K	125.00K	Hail (1.25)
Nance County									
Genoa	02	1956CST			0	0	75.00K	250.00K	Hail (2.00)
Nance County									
5 S Genoa	02	2005CST			0	0	75.00K	250.00K	Hail (2.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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NEBRASKA, South Central

Clay County 4 W Edgar	02	2028CST			0	0	0.00K	0.00K	Hail (0.88)
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Fillmore County Shickley	02	2049CST			0	0	0.00K	0.00K	Hail (1.00)
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Thayer County 2 NNE Davenport	02	2103CST 2106CST	0.64	250	0	0	100.00K	0.00K	Tornado (EF1)
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This tornado crossed from Thayer County into Fillmore County, touching down approximately 2.5 miles northeast of Davenport and lifting approximately 3.5 miles northeast of Davenport. Along its path, a farmstead sustained house, garage and vehicle damage and a grain bin was destroyed. Two outbuildings, including a recently built barn, were destroyed and a center irrigation pivot was twisted. The maximum wind speed was estimated at 105 mph.

Clay County 6 ESE Clay Center	02	2105CST			0	0	0.00K	0.00K	Hail (0.75)
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Fillmore County 6 SW Shickley	02	2106CST 2107CST	0.37	250	0	0	100.00K	0.00K	Tornado (EF1)
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This tornado crossed from Thayer County into Fillmore County, touching down approximately 2.5 miles northeast of Davenport and lifting approximately 3.5 miles northeast of Davenport. Along its path, a farmstead sustained house, garage and vehicle damage and a grain bin was destroyed. Two outbuildings, including a recently built barn, were destroyed and a center irrigation pivot was twisted. The maximum wind speed was estimated at 105 mph.

Adams County Hastings	02	2110CST 2113CST			0	0	0.00K	0.00K	Hail (1.00)
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Adams County Hastings	02	2115CST			0	0	250.00K	0.00K	Hail (1.75)
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Golf ball size hail reported at Lake Hastings.

Adams County Hastings	02	2117CST			0	0	750.00K	0.00K	Hail (4.25)
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Hail to the size of softballs was reported on the north side of town.

Fillmore County 2 W Strang	02	2121CST			0	0	0.00K	0.00K	Hail (0.75)
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Adams County Hastings	02	2127CST			0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported at the intersection of 12th and Bellevue.

Adams County Hastings	02	2130CST			0	0	250.00K	0.00K	Hail (1.75)
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Golf ball size hail was reported at the intersection of 14th and California.

Clay County 6 ESE Clay Center	02	2134CST 2136CST			0	0	20.00K	400.00K	Hail (1.25)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, South Central									
Hamilton County Giltner	02	2144CST			0	0	0.00K	0.00K	Hail (0.88)
Fillmore County Geneva	02	2147CST			0	0	0.00K	0.00K	Hail (0.75)
Adams County Hastings	02	2217CST			0	0	0.00K	0.00K	Hail (0.75)
Penny size hail reported at the intersection of 12th and Showboat.									
Fillmore County Geneva	02	2233CST			0	0	0.00K	0.00K	Hail (0.88)
Adams County Hastings	02	2236CST 2237CST			0	0	0.00K	0.00K	Hail (1.00)
Quarter size hail reported near the intersection of 12th Street and Brentwood Avenue.									
Adams County 1 E Juniata	02	2238CST			0	0	1.80M	250.00K	Hail (2.00)
Adams County 4 N Hastings	02	2244CST			0	0	200.00K	250.00K	Hail (2.00)
Hail measured at the NWS office.									
Adams County 3 NNW Hastings	02	2247CST			0	0	1.00M	250.00K	Hail (2.50)
Adams County Ayr	02	2326CST			0	0	0.00K	0.00K	Hail (1.00)
Clay County 2 WNW Saronville	03	0000CST 0200CST			0	0	25.00K	1.00M	Flash Flood
Water was reported running over Highway 6 approximately 1.5 miles east of the Highway 14 intersection. Numerous rural roads were under water.									
Clay County Deweese	03	0008CST			0	0	0.00K	0.00K	Hail (1.00)
Clay County 6 ESE Clay Center	03	0026CST			0	0	0.00K	0.00K	Hail (0.88)
Clay County 2 E Fairfield	03	0028CST			0	0	25.00K	500.00K	Hail (1.75)
Clay County 5 SW Sutton	03	0042CST			0	0	0.00K	0.00K	Hail (0.75)
Clay County Glenville	03	0102CST			0	0	0.00K	0.00K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, South Central

Adams County

Holstein	03	0313CST			0	0	25.00K	500.00K	Hail (1.75)
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Adams County

4 S Hastings	03	0344CST			0	0	0.00K	0.00K	Hail (1.00)
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Clay County

6 ESE Clay Center	03	0451CST			0	0	0.00K	0.00K	Hail (1.00)
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Multiple severe thunderstorms produced large hail up to softball size, localized flooding rains and one EF1 tornado between the evening of Wednesday the 2nd and early morning hours of Thursday the 3rd. Although no injuries were reported, this was the most significant of several severe weather episodes within South Central Nebraska between May 1st-4th and was also the most prolonged, with dozens of warnings issued over nearly a 12-hour period between 7 PM and 7 AM CDT. Despite the number of storm reports, this event was rather localized as only six counties within the 24-county area bore the brunt of severe weather. Severe storms focused in two primary zones: one a narrow southwest-to-northeast corridor extending from Buffalo through Nance Counties, and the other a concentrated, east-to-west corridor through mainly Adams, Clay and Fillmore Counties. The lone confirmed tornado, which struck after nightfall along the Thayer-Fillmore County line, was only on the ground for approximately one mile but caused considerable damage to a farmstead northeast of Davenport. Several areas experienced hail to at least golf ball size, but some of the most significant hail damage focused in and near northern portions of Hastings, where two separate rounds of large hail occurred between 10 PM-12 AM CDT. During the first round, stones up to softball size were reported within the city, and during the second round 2-inch diameter stones pounded the National Weather Service office. Rainfall wise, the heaviest measured amounts of 3-4 inches targeted much of Clay and Fillmore Counties, resulting in water running over Highway 6 west of Sutton, along with flooding of numerous county roads.

In both primary zones of severe weather described above, things got underway between 7 PM-9 PM CDT. In the northern corridor between Buffalo and Nance Counties, initially linear multicell storms eventually transitioned into brief, semi-discrete supercells, with hail to around golf ball size reported near Amherst, Fullerton and Genoa. By 10 PM CDT, most of this activity north of Interstate 80 had either weakened or moved out of the area to the northeast. Meanwhile, storms within the southern area first developed as a multicell cluster in Nuckolls and Clay Counties. Around sunset, a slow-moving cyclic supercell evolved from this activity, producing the EF1 tornado near Davenport shortly after 10 PM CDT. Although reports of funnel clouds continued as this supercell drifted northeast toward Strang, no additional tornado touchdowns were confirmed. Between 10 PM-2 AM CDT, a nearly solid east-west corridor of hail and heavy rain-producing severe storms trained near the Highway 6 corridor between Adams and Fillmore Counties, as the original tornadic storm exited Fillmore County to the east. Between 2 AM-4 AM CDT, there was a brief lull in storm severity, while additional activity flared up farther north and west near the Interstate 80 and Highway 6 corridors. Finally, between 4 AM-7 AM CDT, one last round of hail-producing severe storms tracked east across parts of Adams, Clay and Fillmore Counties before exiting into eastern Nebraska.

Regarding synoptic and mesoscale forcing, broad southwesterly flow aloft was not overly strong, with South Central Nebraska positioned well south of the primary shortwave trough traversing the Northern Rockies and Northern Plains. As a result, the initiation of severe storms was largely driven by the combination of strong convective instability and low level convergence. At the surface, the northern zone of severe weather was tied to a southwest-to-northeast oriented front/retreating outflow boundary. The initiation of the southern storm cluster and cyclic tornadic supercell appeared to be triggered by persistent moisture convergence along the northeast periphery of a weak surface low in north central Kansas. Once these storms developed, the onset of a modest low level jet after nightfall helped to enhance low level shear profiles, with 0-1 kilometer storm relative helicity around 200 m²/s² by the time of the EF1 tornado. The mesoscale environment was quite supportive of supercells, with mid-evening parameters including 40 knots of 0-6 kilometer vertical wind shear and at least 3000 J/kg mixed-layer CAPE.

Harlan County

5 NW Republican City	03	1535CST			0	0	250.00K	750.00K	Hail (2.75)
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Harlan County

5 NW Republican City	03	1549CST			0	0	0.00K	0.00K	Hail (1.00)
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Harlan County

2 N Republican City	03	1551CST			0	0	15.00K	250.00K	Hail (1.25)
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Harlan County

Republican City	03	1604CST			0	0	25.00K	500.00K	Hail (1.75)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, South Central

Harlan County

Orleans	03	1615CST 1620CST			0	0	0.00K	0.00K	Hail (1.00)
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Franklin County

Naponee	03	1622CST			0	0	25.00K	500.00K	Hail (1.50)
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Howard County

4 NNE Boelus	03	1841CST			0	0	0.00K	0.00K	Hail (1.00)
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Two separate areas of slow moving, hail-producing severe thunderstorms flared up within South Central Nebraska on this Thursday afternoon and early evening, one focused in the Harlan County area and the other farther north in Howard County and vicinity. The majority of hail reports from this event were from the Republican City and Orleans areas, with the largest hail up to baseball size reported several miles northwest of Republican City. The southern storms were the first to develop, and primarily consisted of two supercells that tracked southeast across parts of Harlan and western Franklin Counties between 3 PM and 6 PM CDT, before fizzling out near the Kansas border. As the southern storms started to weaken, a separate area of slow moving, strong to marginally severe storms flared up north of Interstate 80 mainly between 6 PM and 830 PM CDT in the Howard and Nance County area. By 10 PM CDT, all storm activity within the 24-county area had faded away. The initial round of mid-afternoon storms in the Harlan County area developed along the western edge of a sharp instability gradient, in the vicinity of a weak surface trough axis. Aloft, large scale forcing was quite limited, with only subtle shortwave energy embedded within modest west-southwest flow. Around the time of the largest hail in Harlan County, the mesoscale environment featured around 3000 J/kg mixed layer CAPE and 35 knots of 0-6 km vertical wind shear.

Greeley County

12 N Scotia	04	1845CST 1900CST			0	0	0.00K	0.00K	Hail (1.00)
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Valley County

9 ENE Ord	04	1846CST			0	0	75.00K	250.00K	Hail (1.75)
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Valley County

6 SE Ord	04	1905CST			0	0	0.00K	0.00K	Hail (1.00)
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Valley County

3 N North Loup	04	1914CST			0	0	75.00K	250.00K	Hail (1.75)
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Greeley County

2 NNE Scotia	04	1924CST			0	0	25.00K	250.00K	Hail (1.75)
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Howard County

8 NE Elba	04	1950CST			0	0	0.00K	0.00K	Hail (1.00)
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Howard County

Elba	04	1959CST			0	0	0.00K	0.00K	Hail (1.00)
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Howard County

3 NNW St Paul	04	2007CST 2030CST			0	0	2.00M	3.00M	Hail (2.75)
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Hail ranging from the size of quarters to at least the size of baseballs was reported in and around St. Paul. There were numerous reports of vehicle damage, along with window, siding, and gutter damage to homes. A local greenhouse had 21 roof panels destroyed.

Valley County

3 N Arcadia	04	2010CST			0	0	0.00K	0.00K	Hail (1.00)
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Howard County

6 W Elba	04	2024CST 2029CST			0	0	75.00K	500.00K	Hail (1.75)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, South Central									
Valley County 3 W Ord	04	2051CST			0	0	0.00K	0.00K	Hail (1.00)
Valley County Ord	04	2055CST			0	0	0.00K	0.00K	Hail (1.00)
Valley County 3 E Ord	04	2109CST			0	0	0.00K	0.00K	Hail (1.00)
Sherman County 2 W Litchfield	04	2112CST			0	0	0.00K	0.00K	Hail (1.00)
Buffalo County 3 N Pleasanton	04	2115CST			0	0	25.00K	250.00K	Hail (1.75)
Sherman County 2 NE Ashton	04	2200CST 2208CST			0	0	0.00K	0.00K	Hail (1.00)
<p>For the fourth consecutive day, severe thunderstorms affected parts of South Central Nebraska, this time targeting northwest portions of the 24-county area with a fairly significant Friday evening hail event primarily impacting Valley, Greeley, Howard and Sherman Counties. There were nearly two dozen reports of large hail ranging from quarter to at least baseball size. Most of this large hail affected rural areas, but the community of St. Paul took a direct hit as a large southward-tracking supercell pounded parts of town for at least 20-30 minutes with hail to at least baseball size. Along with extensive damage to homes and vehicles, a local greenhouse had 21 roof panels destroyed. Although no serious injuries were reported, two teenage girls sheltered in a car on the north side of St. Paul as it was battered by large hail, with one girl sustaining several small cuts when the back window shattered. Elsewhere across the area, golf ball size hail was reported in several places including near Scotia, North Loup and Pleasanton. Although no tornadoes or damaging winds were reported, one storm featured strong rotation on radar across southwestern Sherman and far north central Buffalo Counties around 10 PM CDT. Rainfall amounts under the most intense storms generally ranged from 1-2 inches, with unofficial reports from the St. Paul area of localized pockets over 2.50 inches.</p> <p>The first severe thunderstorms of the evening within the local area started sagging into extreme northern portions of Valley and Greeley Counties between 6 PM and 730 PM CDT, evolving southward from severe storms already ongoing just to the north in Garfield and Wheeler Counties. Between 730-10 PM CDT, a large south-southeast moving supercell became the most dominant storm of the event as it tracked along the Valley/Greeley County line and into Howard County, battering St. Paul with destructive hail before abruptly dissipating before reaching Grand Island. As this primary supercell matured, a new cluster of multicell and splitting supercell storms erupted over Valley and Sherman Counties between 830-930 PM CDT, with one of these storms eventually making it as far south as the Pleasanton area before dissipating. The last severe hail storm of the night affected areas near the Sherman/Howard County line between 1045-1130 PM before rapidly weakening. Interestingly, all severe storms that tried moving south into the Interstate 80 corridor dissipated before getting there. Aloft, synoptic scale forcing for this event was rather weak, with only subtle shortwave energy passing through quasi-zonal flow aloft, well-downstream from a larger mid level trough over the Pacific Northwest. However, at the surface, a quasi-stationary east-west oriented front draped across northern Nebraska provided the focus for severe storm development, especially as it started pushing south as an outflow boundary during the evening. Around the time the St. Paul supercell first developed, mesoscale parameters featured around 2000 J/kg mixed-layer CAPE and around 40 knots of 0-6 kilometer vertical wind shear.</p>									
Greeley County 8 SSW Spalding	19 20	0600CST			0	0	0.00K	0.00K	Heavy Rain
<p>A 24 hour rainfall total of 3.28 inches was reported southwest of Spalding by a Nebraska Rainfall Assessment and Information Network Observer.</p>									
Dawson County 4 NW Gothenburg	19	1408CST			0	0	25.00K	500.00K	Hail (1.50)
Dawson County Gothenburg	19	1411CST			0	0	0.00K	0.00K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, South Central									
Webster County 3 W Blue Hill	19	1505CST 1515CST			0	0	0.00K	0.00K	Hail (1.00)
Webster County Blue Hill	19	1520CST			0	0	25.00K	750.00K	Hail (1.50)
Webster County 4 E Blue Hill	19	1530CST 1550CST			0	0	500.00K	5.00M	Hail (1.75)
Golf ball size hail fell for nearly 20 minutes, causing severe crop damage and building damage in the area.									
Clay County 3 NW Deweese	19	1605CST			0	0	200.00K	4.00K	Hail (2.00)
Hail up to the size of hen eggs resulted in tree damage around the area.									
Hamilton County 9 S Aurora	19	1606CST			0	0	0.00K	0.00K	Hail (0.88)
Webster County 5 E Red Cloud	19	1609CST			0	0	0.00K	0.00K	Hail (0.88)
Clay County 1 S Fairfield	19	1612CST			0	0	0.00K	0.00K	Hail (1.00)
Nuckolls County 6 WNW Angus	19	1612CST			0	0	0.00K	0.00K	Thunderstorm Wind (59MG)
A wind gust of 68 mph was measured near the intersection of Highways 14 and 4.									
Note: The measured wind gust of 59 knots is equivalent to 68 mph.									
Clay County Deweese	19	1616CST			0	0	75.00K	2.00M	Hail (1.75)
Clay County 4 ENE Deweese	19	1620CST			0	0	75.00K	3.00K	Thunderstorm Wind (61EG)
Wind gusts estimated near 70 mph, combined with an unknown size of hail, resulted in crop damage to at least 3 fields approximately 1 mile west of the Deweese spur off of Highway 14 and 1 mile north of the county line.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
York County Bradshaw	19	1630CST			0	0	0.00K	0.00K	Hail (1.00)
Polk County 10 N Shelby	19	1640CST			0	0	0.00K	0.00K	Hail (1.00)
Nuckolls County Superior	19	1644CST			0	0	0.00K	0.00K	Hail (1.00)
Nuckolls County Hardy Ruskin	19	1645CST 1655CST			0	0	500.00K	3.00K	Thunderstorm Wind (65EG)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, South Central

Wind gusts estimated to be near 75 mph resulted in a swath of damage from Hardy to Ruskin. At least 4 irrigation pivots were overturned, at least 8 to 10 power poles were damaged or destroyed, and tree limbs as much as 6 to 8 inches in diameter were blown down along this path. In Hardy, a hybrid seed distribution business suffered damage to seed storage tanks.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Nuckolls County Superior

19	1650CST			0	0	25.00K	500.00K	Hail (1.50)
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Fillmore County 1 W Shickley

19	1700CST 1702CST			0	0	50.00K	250.00K	Thunderstorm Wind (61EG)
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Wind gusts estimated near 70 mph resulted in an irrigation pivot being overturned and tree limbs of 4 to 5 inches in diameter being knocked down.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Clay County 9 ESE Clay Center

19	1703CST			0	0	0.00K	0.00K	Hail (1.00)
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Dawson County 6 N Lexington

19	1705CST			0	0	0.00K	0.00K	Hail (0.75)
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York County York Arpt

19	1715CST			0	0	0.00K	0.00K	Thunderstorm Wind (57MG)
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Note: The measured wind gust of 57 knots is equivalent to 66 mph.

Hall County 2 N Doniphan

19	1722CST			0	0	0.00K	0.00K	Hail (1.00)
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Hall County 2 SW Grand Is

19	1740CST			0	0	0.00K	0.00K	Hail (0.75)
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Hall County Grand Is

19	1744CST			0	0	0.00K	0.00K	Hail (0.88)
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Hamilton County 5 SW Phillips

19	1747CST			0	0	25.00K	500.00K	Hail (1.50)
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Hall County 2 SW Grand Is

19	1750CST			0	0	0.00K	0.00K	Hail (1.00)
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Ending a lull of over two weeks without severe thunderstorms, this Saturday afternoon and early evening featured several reports of damaging winds, large hail and gustnadoes, primarily focused within southern and eastern counties of South Central Nebraska such as Webster, Clay, Nuckolls and Fillmore. During the height of the event between 4-7 PM CDT, some of the most significant wind damage occurred in the Hardy and Ruskin areas, where winds estimated to around 75 MPH overturned irrigation pivots, downed power poles and caved in several steel corn seed storage tanks. Also, 66-68 MPH wind gusts were measured near Deweese and at the York airport. Although several gustnadoes were reported in these areas, some of which resembled true tornadoes per storm chaser video, these were typically brief circulations focused along storm outflow and not directly associated with cloud base rotation. As for large hail, there were several reports of 1.5 to 2-inch diameter stones, including nearly 20 minutes of golf ball size hail east of Blue Hill. Very early in the event around 3 PM CDT, an elevated severe storm in far western South Central Nebraska dumped hail up to ping pong ball size northwest of Gothenburg. Rainfall-wise, although the progressive nature of most storms kept amounts under 2 inches, one localized corridor in far northern portions of the 24-county area between Spalding and Greeley tallied 3.28 inches from the cumulative effect of several passing storms.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, South Central

Breaking down event timing, the first severe storm of the day was the aforementioned elevated post-frontal hail storm that swept across western Dawson County around 3 PM CDT. This ended up being the only storm to reach severe criteria across the western half of South Central Nebraska, as the vast majority of severe weather occurred with surface-based storms erupting near the Highway 281 corridor between 4-5 PM CDT, and eventually exiting the area into eastern Nebraska between 7-8 PM CDT. These storms, which developed along a well-defined surface cold front, started out as three semi-discrete supercells. However, the supercells quickly morphed into a quasi-linear complex due to cell mergers and eastward-surging outflow boundaries in an environment characterized by surface temperature-dewpoint spreads around 20 degrees or greater. Behind the main line of surface based storms, a few severe post-frontal storms flared up near Highway 281 between 6-7 PM CDT, producing nickel to ping pong ball size hail in and just east of Grand Island. The last band of strong storms of the evening departed the Greeley and Nance County area around 9 PM CDT.

On the synoptic scale this was a rather strongly forced severe weather event, as a vigorous shortwave trough migrated from eastern Colorado across southern Nebraska, while at the surface, a sharp north-south oriented cold front reached a position near the Highway 281 corridor by mid-afternoon. Mesoscale severe weather parameters around the time of initial surface-based supercell development included 40-50 knots of 0-6 kilometer vertical wind shear and 1500-2000 J/kg mixed-layer CAPE. Despite several reports of gustnadoes, a more substantial tornado threat was likely mitigated by somewhat meager boundary layer moisture with surface dewpoints only between 55-60F, resulting in higher cloud bases and enhanced outflow.

Phelps County 3 E Bertrand	23	2214CST			0	0	0.00K	0.00K	Hail (0.75)
Buffalo County Elm Creek	23	2237CST			0	0	0.00K	0.00K	Hail (1.00)
Buffalo County 3 W Kearney	23	2245CST			0	0	25.00K	0.00K	Thunderstorm Wind (61EG)
			Wind gusts were estimated at 65 to 70 mph. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.						
Buffalo County Kearney	23	2257CST			0	0	25.00K	500.00K	Hail (1.50)
			Hail was accompanied by wind gusts estimated at 50 mph.						
Buffalo County 1 W Kearney	23	2300CST			0	0	25.00K	500.00K	Hail (1.50)
Furnas County Edison	23	2313CST			0	0	0.00K	0.00K	Hail (1.00)
Adams County 1 W Prosser	23	2321CST			0	0	25.00K	0.00K	Thunderstorm Wind (61EG)
			Wind gusts were estimated at 65 to 70 mph. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.						
Hall County 3 SSW Grand Is	23	2345CST 2355CST			0	0	25.00K	500.00K	Hail (1.00)

Quarter size hail, accompanied by wind gusts estimated at 50 mph, covered the ground near the intersection of Highways 34 and 281.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, South Central

Between the late evening of Wednesday the 23rd and early morning hours of Thursday the 24th, a parade of primarily elevated strong to severe thunderstorms produced large hail and a few estimated wind gusts up to 70 MPH within a concentrated southwest-to-northeast corridor. This corridor generally stretched from Furnas and Phelps Counties in southwest portions of the area, to Greeley and Nance Counties in the northeast. A few of the more notable storm reports occurred in or just west of the city of Kearney around midnight CDT, with ping pong ball size hail and estimated 70 MPH wind gusts. A bit later, quarter size hail fell on the south side of Grand Island. Strong elevated storms first started developing in the wake of a seasonably strong surface cold front between 9-10 PM CDT, and by the 11 PM-Midnight CDT time frame, several severe storms were training over the aforementioned corridor across the heart of South Central Nebraska. By 1 AM CDT, a gradual weakening trend commenced and the severe weather threat ended for the night, despite weak activity persisting well into the pre-dawn hours. Storm total rainfall amounts mainly topped out in the 1-2 inch range.

Although all severe weather in the local area occurred after dark, eastern portions of South Central Nebraska narrowly missed the development of a few severe storms near the actual surface cold front during the late afternoon and early evening hours. In fact, one late afternoon storm barely avoided the eastern edge of York County, dropping quarter size hail just outside the county line near Utica. Other storms attempted to intensify in the Fillmore and Thayer County area before sunset, but struggled in the presence of weak capping. As a result, the main show waited until after dark when stronger synoptic scale forcing arrived over the post-frontal airmass. This occurred as a strong mid level shortwave swung into the region out of the Central Rockies, inducing intense low-mid level frontogenetic forcing. Despite a cool and stable airmass at the surface, the combination of most-unstable CAPE around 1000 J/kg and very strong 0-6 kilometer vertical wind shear of 50-70 knots fueled these fast-moving severe storms.

Harlan County Republican City

25	2108CST			0	0	0.00K	0.00K	Hail (0.88)
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Merrick County 2 W Palmer

25	2204CST			0	0	25.00K	500.00K	Hail (1.75)
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Golf ball size hail reported on Arthur Road 2 miles west of Palmer.

Merrick County Palmer

25	2216CST			0	0	75.00K	750.00K	Hail (2.75)
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On this Friday evening, South Central Nebraska remained far enough north of a sharp surface warm front to avoid any threat of strong tornadoes such as those that struck central Kansas. However, a few elevated supercell storms that developed after sunset became hail producers, highlighted by one briefly intense storm that dumped golf ball to baseball size hail in and near Palmer in northwest Merrick County. During this rather short-lived round of storms, the majority of activity focused along a narrow southwest-to-northeast corridor extending from Harlan County to Nance County, with the initial development and intensification taking place between 9-10 PM CDT. Shortly after the most dominant supercell produced the baseball size hail around 11 PM CDT, it weakened and dissipated, leaving the entire 24-county area void of thunderstorms by midnight CDT as activity shifted into northeast Nebraska.

On the synoptic scale, these hail storms occurred within a broad southwesterly flow regime aloft, with the Central Plains positioned well downstream from an expansive large scale trough centered over California. At the surface, the aforementioned sharp warm front stretched from west-to-east across northern Kansas during the evening. As the low level jet strengthened after sunset, an intense warm air advection regime focused north of the warm front into South Central Nebraska, igniting the elevated storm development. Around the time of the large hail in Merrick County, mesoscale severe weather parameters included around 2000 J/kg most unstable CAPE and 60 knots of 0-6 kilometer vertical wind shear.

Greeley County Greeley

27	1513CST			0	0	0.00K	0.00K	Hail (0.75)
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Greeley County 4 WSW Spalding

27	1527CST			0	0	0.00K	0.00K	Hail (0.88)
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Greeley County 5 WNW Spalding

27	1533CST			0	0	25.00K	250.00K	Hail (1.75)
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Sherman County Ashton

27	1549CST			0	0	0.00K	0.00K	Hail (0.75)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, South Central									
Sherman County 2 SE Loup City	27	1605CST			0	0	0.00K	0.00K	Hail (1.00)
Thayer County Hebron	27	1615CST 1627CST			0	0	0.00K	0.00K	Hail (1.00)
Thayer County Hebron	27	1615CST 1625CST			0	0	0.00K	0.00K	Hail (1.00)
Buffalo County 5 ESE Ravenna	27	1619CST			0	0	0.00K	0.00K	Hail (0.75)
Thayer County Hebron	27	1620CST			0	0	0.00K	0.00K	Hail (1.00)
Greeley County 6 SSE Greeley	27	1623CST 1624CST	0.06	15	0	0	0.00K	0.00K	Tornado (EF0)
No damage was reported with this brief tornado touchdown.									
Sherman County 1 E Ashton	27	1625CST			0	0	0.00K	0.00K	Hail (1.00)
Greeley County Greeley	27	1629CST			0	0	15.00K	250.00K	Hail (1.75)
Greeley County 2 E Greeley	27	1630CST			0	0	15.00K	250.00K	Hail (1.75)
Greeley County 9 E Greeley	27	1630CST			0	0	25.00K	250.00K	Thunderstorm Wind (52EG)
Small tree branches were blown down at a home and hail of unknown size resulted in broken house windows and a broken windshield.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Thayer County 2 SE Bruning	27	1639CST			0	0	15.00K	150.00K	Hail (1.25)
Fillmore County 2 E Ohioa	27	1646CST			0	0	0.00K	0.00K	Hail (1.00)
Fillmore County Milligan	27	1657CST			0	0	0.00K	0.00K	Hail (0.88)
Fillmore County Geneva	27	1700CST 1715CST			0	0	0.00K	0.00K	Hail (1.00)
Thayer County Carleton	27	1700CST			0	0	0.00K	0.00K	Hail (1.00)
Hall County 6 N Wood River	27	1706CST			0	0	0.00K	0.00K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, South Central

Fillmore County Geneva	27	1715CST			0	0	75.00K	500.00K	Hail (1.75)
York County 6 SE Waco	27	1718CST			0	0	75.00K	500.00K	Hail (1.75)
Franklin County Riverton	27	1725CST 1730CST			0	0	25.00K	400.00K	Hail (1.50)
Buffalo County 3 SE Gibbon	27	1733CST			0	0	0.00K	0.00K	Hail (0.88)
Webster County Inavale	27	1737CST			0	0	25.00K	400.00K	Hail (1.50)
Franklin County Riverton	27	1738CST 1742CST			0	0	50.00K	1.50M	Hail (2.00)
Howard County 3 E Farwell	27	1742CST			0	0	0.00K	0.00K	Hail (1.00)
Franklin County Franklin	27	1755CST			0	0	75.00K	1.00M	Hail (2.00)
Hall County Wood River	27	1800CST 1810CST			0	0	350.00K	250.00K	Thunderstorm Wind (61EG)

Numerous irrigation pivots were overturned along an approximately 6 mile long path from Wood River south to near Interstate 80. In Wood River, large trees were damaged or destroyed and power poles were knocked down. Heavy rain from these thunderstorms resulted in the intersection of 140th and Holling Roads, just south of town, being covered in water.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Franklin County Bloomington	27	1812CST			0	0	0.00K	0.00K	Hail (1.00)
Hall County 6 WNW Grand Is	27	1825CST			0	0	0.00K	0.00K	Hail (0.88)
Webster County 4 SW Bladen	27	1949CST			0	0	45.00K	500.00K	Hail (1.00)

Damage to area crops, roofs and siding was reported.

Webster County Bladen	27	2013CST			0	0	10.00K	0.00K	Thunderstorm Wind (52EG)
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Tree branches of 3 inches in diameter were blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Webster County 2 ESE Bladen	27	2015CST			0	0	25.00K	500.00K	Hail (1.50)
Polk County Osceola	27	2015CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)

Wind gusts were estimated at 60 mph.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, South Central									
Polk County 1 E Osceola	27	2020CST			0	0	50.00K	500.00K	Hail (1.50)
Adams County 4 SSW Ayr	27	2025CST			0	0	0.00K	0.00K	Hail (1.00)
Adams County 4 SSW Ayr	27	2025CST			0	0	25.00K	0.00K	Thunderstorm Wind (61EG)
									Wind gusts were estimated between 60 and 70 mph. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Webster County 4 SW Blue Hill	27	2030CST			0	0	25.00K	500.00K	Hail (1.75)
Adams County Hastings	27	2035CST			0	0	0.00K	0.00K	Hail (0.88)
Franklin County Campbell	27	2045CST			0	0	25.00K	1.00M	Hail (1.50)
Franklin County 3 SE Upland	27	2045CST			0	0	50.00K	0.00K	Thunderstorm Wind (61EG)
									Wind gusts estimated at 70 mph resulted in a grain bin being destroyed. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Clay County 3 NE Fairfield	27	2046CST			0	0	50.00K	0.00K	Thunderstorm Wind (61EG)
									Wind gusts estimated at 70 mph resulted in 2 irrigation pivots being overturned. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Thayer County Carleton	27	2117CST			0	0	0.00K	0.00K	Hail (1.00)
Adams County Hastings	27	2143CST			0	0	0.00K	0.00K	Hail (0.88)

Sunday of Memorial Day weekend featured a prolonged afternoon and evening outbreak of severe thunderstorms primarily within the eastern two-thirds of South Central Nebraska. In addition to dozens of reports of large hail and damaging winds over the course of seven hours between 4-11 PM CDT, there was one brief EF0 tornado reported by storm chasers in a rural area between Greeley and Wolbach around 530 PM CDT with no damage reported. Hail to at least golf ball size fell in several locations, including in or near Greeley, Geneva, Franklin, Riverton, Blue Hill and along Interstate 80 in far eastern York County. In east central Greeley County, at least one home sustained broken windows. Damaging winds estimated from 60 to at least 70 MPH overturned a number of irrigation pivots, destroyed grain bins and downed trees, with some of this wind damage reported in or near Wood River, Blue Hill and Fairfield. Rainfall-wise, several counties received 1-3 inches, with a few of the highest known measured amounts including 2.90 inches southeast of Palmer and 2.88 inches north of Osceola. Although flooding was not widespread, rainfall of around 2.60 inches in the Wood River area resulted in water over a county road.

The primary zone of severe storms was associated with a slow-moving cold front and focused roughly 20 miles either side of the Highway 281 corridor between the Kansas border and the Greeley area. However, a smaller, separate cluster of severe storms also developed east of the frontal zone, affecting counties such as Thayer, Fillmore and eastern York. In both of these areas, the initiation of severe storms occurred between 4-6 PM CDT. During these first few hours, one of the strongest, most discrete supercells of the day produced the brief tornado and large hail in Greeley County before exiting the local area into Boone County. Between 6-8 PM CDT, a mix of brief supercell and quasi-linear multicell storm structures trained along the aforementioned north-south corridor near Highway 281. Then between 8-11 PM CDT, this initially narrow zone of storms expanded eastward as northern storms weakened and southern storms became more dominant. It was during this time frame that a few intense storms passed along a corridor from Franklin to Clay Counties, including a short bowing segment that resulted in several wind damage reports. Finally by 11 PM CDT, storm intensity trended downward and no additional severe weather was reported despite activity lingering well past midnight mainly south of Interstate 80 and east of Highway 281.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, South Central

This severe weather event was anticipated several days in advance, and featured a Moderate Risk Day 1 Convective Outlook from the Storm Prediction Center. The primary forcing mechanism aloft was a strong shortwave pushing northeast out of Colorado, along the southeast periphery of a deep mid-level low centered in Montana. At the surface, the aforementioned slow-moving cold front served as the primary low-level trigger, as it aligned from northwest Kansas to northeast Nebraska at mid-afternoon. As this strong upper forcing intercepted the cold front and severe storms erupted, mesoscale convective parameters featured between 1000-2000 J/kg mixed-layer CAPE and impressive 0-6 kilometer vertical wind shear of 50-70 knots. A potentially more significant tornado threat was likely kept in check by somewhat high cloud bases, resulting from surface temperature-dewpoint spreads of 20-30F early in the event.

Gosper County Johnson Res	30	0917CST			0	0	0.00K	0.00K	Hail (1.00)
Dawson County 9 SSW Darr	30	0932CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Wind gusts were estimated at 60 mph. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Dawson County Gothenburg	30	0939CST			0	0	0.00K	0.00K	Hail (1.00)
Dawson County 1 E Gothenburg	30	0945CST			0	0	0.00K	0.00K	Hail (0.75)
Dawson County 5 W Cozad	30	0949CST			0	0	0.00K	0.00K	Hail (1.00)
Gosper County Johnson Res	30	0953CST			0	0	0.00K	0.00K	Hail (0.75)
Dawson County 2 W Cozad	30	0954CST			0	0	0.00K	0.00K	Hail (1.00)
Dawson County 3 S Willow Is	30	0954CST			0	0	0.00K	0.00K	Hail (1.00)
Dawson County Cozad	30	0958CST			0	0	0.00K	0.00K	Hail (1.00)
Dawson County 5 WNW Lexington	30	1024CST			0	0	0.00K	0.00K	Hail (1.00)
Dawson County 5 WNW Lexington	30	1025CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Wind gusts were estimated at 60 mph. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Dawson County 1 E Cozad	30	1039CST			0	0	0.00K	0.00K	Hail (1.00)
Dawson County 1 E Cozad	30	1041CST			0	0	15.00K	250.00K	Hail (1.25)
Dawson County 2 SE Cozad	30	1043CST			0	0	25.00K	250.00K	Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, South Central									
Dawson County Cozad	30	1044CST			0	0	0.00K	0.00K	Hail (0.88)
Dawson County Lexington	30	1108CST			0	0	0.00K	0.00K	Hail (0.75)
Gosper County Johnson Res	30	1127CST			0	0	0.00K	0.00K	Hail (1.00)
Gosper County Johnson Res	30	1134CST			0	0	0.00K	0.00K	Hail (0.88)
Dawson County 3 S Lexington	30	1138CST			0	0	0.00K	0.00K	Hail (1.00)
Buffalo County Elm Creek	30	1150CST			0	0	0.00K	0.00K	Hail (0.88)
Franklin County Campbell	30	1150CST			0	0	0.00K	0.00K	Hail (0.88)
Phelps County Loomis	30	1220CST			0	0	0.00K	0.00K	Hail (0.88)
Buffalo County Kearney	30	1224CST			0	0	0.00K	0.00K	Hail (0.75)
Webster County 4 SW Blue Hill	30	1230CST			0	0	0.00K	0.00K	Hail (0.88)
Phelps County Holdrege	30	1235CST			0	0	0.00K	0.00K	Hail (1.00)
Buffalo County 6 NNE Miller	30	1245CST			0	0	0.00K	0.00K	Hail (0.75)
Buffalo County Elm Creek	30	1321CST			0	0	0.00K	0.00K	Hail (0.75)
Buffalo County Elm Creek	30	1323CST			0	0	0.00K	0.00K	Hail (0.88)
Phelps County 3 NE Loomis	30	1323CST			0	0	0.00K	0.00K	Hail (0.88)
Phelps County 2 E Bertrand	30	1324CST			0	0	0.00K	0.00K	Hail (0.88)
Phelps County Bertrand	30	1326CST			0	0	25.00K	250.00K	Hail (1.75)
Thayer County 2 NE Davenport	30	1330CST			0	0	0.00K	0.00K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, South Central

Phelps County 7 NNW Holdrege	30	1352CST			0	0	0.00K	0.00K	Hail (1.00)
Phelps County 3 S Holdrege	30	1426CST			0	0	0.00K	0.00K	Hail (0.88)
Phelps County Funk	30	1426CST			0	0	0.00K	0.00K	Hail (0.75)
Adams County Hastings	30	1427CST			0	0	0.00K	0.00K	Hail (0.75)

Through much of the day on this Wednesday, strong to severe thunderstorms primarily producing marginally severe hail affected southern portions of South Central Nebraska between Interstate 80 and the Kansas border. More specifically, the majority of strong to severe storms focused within a northwest-to-southeast corridor extending from Dawson, Phelps and Buffalo Counties in the west, to Nuckolls and Thayer Counties in the east. In addition to many reports of penny to quarter size hail, a few instances of golf ball size hail were noted near Cozad and in Bertrand. Although severe-criteria wind gusts were not a major issue, there were a few estimated 60 MPH gusts in Dawson County. Rainfall amounts within the primary storm corridor were typically between 0.50-1.50 inches, with one of the highest known amounts of 1.93 inches measured 8 miles north-northeast of Holdrege.

Things got underway fairly early in the day as several, mainly elevated severe storms flared up in the Dawson, Gosper and Phelps Counties area between 930-1100 AM CDT. Then for several more hours between 11 AM-530 PM CDT, strong to severe storms expanded in coverage across the aforementioned corridor, taking on a mixed mode of brief supercell structures and multicell lines while gradually ending from northwest to southeast and pushing south into Kansas. Between 5-7 PM CDT, a new batch of strong to severe storms in southwest Nebraska tried pushing into Dawson, Gosper and Furnas Counties along an advancing cold front, but these storms weakened considerably as they entered the local area. In the mid and upper levels, the primary forcing mechanism for this prolonged event was a vigorous shortwave trough migrating east-southeast from the Northern High Plains across southern South Dakota. At the surface, a generally east-west quasi-stationary front stretched across northern Kansas during most of the day, with South Central Nebraska in a seasonably cool and stable low level airmass with temperatures only in the 60s-low 70s F. In advance of the approaching shortwave, mid-level flow gradually strengthened and low-level warm advection evident at 850 millibars increased into southern Nebraska, sparking the development of severe storms despite the cool surface conditions. During the early-mid afternoon hours, the mesoscale environment featured steep mid-level lapse rates with 1000 J/kg mixed-layer CAPE and 40-50 knots of 0-6 kilometer vertical wind shear.

NEBRASKA, West

Kimball County 10 NW Kimball	05	1555MST 1601MST			0	0	0.00K	0.00K	Hail (1.75)
Golf ball sized hail fell for a duration of six minutes.									
Kimball County 3 N Kimball	05	1604MST			0	0	0.00K	0.00K	Hail (1.50)
Ping pong ball sized hail was reported.									
Kimball County 1 NNE Kimball	05	1610MST			0	0	0.00K	0.00K	Hail (2.50)
Golf ball to tennis ball sized hail was reported.									
Kimball County 4 ENE Kimball	05	1613MST			0	0	0.00K	0.00K	Hail (2.75)
Baseball sized hail was reported two miles north of Highway 30.									
Kimball County 1 N Kimball	05	1617MST			0	0	0.00K	0.00K	Hail (2.75)
Baseball sized hail was reported just north of Kimball.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEBRASKA, West

Kimball County 12 SW Kimball

05	1640MST 1645MST				0	0	0.00K	0.00K	Funnel Cloud
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Numerous funnel clouds were sighted.

Kimball County Bushnell

05	1649MST				0	0	0.00K	0.00K	Hail (2.75)
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There were numerous reports of golf ball to baseball sized hail in Bushnell.

Kimball County 3 W Kimball

05	1700MST				0	0	0.00K	0.00K	Funnel Cloud
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Multiple funnels were observed within a rotating wall cloud.

Kimball County 7 S Kimball

05	1700MST				0	0	0.00K	0.00K	Hail (1.75)
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Golf ball sized hail was reported.

Kimball County 3 W Kimball

05	1700MST				0	0	0.00K	0.00K	Hail (1.75)
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Golf ball sized hail was reported.

Kimball County 2 E Kimball

05	1710MST				0	0	0.00K	0.00K	Hail (1.75)
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Quarter to golf ball sized hail was reported just east of Kimball.

Cheyenne County 10 S Potter

05	1725MST				0	0	0.00K	0.00K	Funnel Cloud
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A funnel cloud was sighted south of Potter.

Cheyenne County 1 W Lorenzo

05	1800MST				0	0	0.00K	0.00K	Hail (1.50)
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Quarter to walnut sized hail was reported along County Road 8 just west of Lorenzo.

Late afternoon and early evening severe thunderstorms in the southern Nebraska Panhandle produced numerous reports of large hail and funnel clouds.

Dawes County 16 N Crawford

18	1430MST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was reported.

An afternoon thunderstorm produced large hail in northern Dawes County.

NEVADA, North

Elko County 75 S Goshute

15	1320PST 1321PST				0	0	0.00K	0.00K	Thunderstorm Wind (64MG)
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A thunderstorm wind gust to 74 mph was recorded at the Schell Creek Elk View NDOT mesonet site.

A thunderstorm produced a wind gust to 74 mph about 10 miles southeast of Ely. Note: The measured wind gust of 64 knots is equivalent to 74 mph.

Elko County 7 WSW Arthur

15	1430PST 1431PST				0	0	0.00K	0.00K	Thunderstorm Wind (57MG)
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A thunderstorm produced a wind gust to 66 mph at the Ruby Valley RAWS site in the Ruby Mountains. Note: The measured wind gust of 57 knots is equivalent to 66 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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NEVADA, South

Clark County

2 NNE Sunrise Manor

07	1237PST				0	0	40.00K	0.00K	Dust Devil
	1245PST								

The dust devil tore shingles off the roof of a bank, damaged several cars, removed shingles from several roofs at an apartment complex, knocked down a cinder block wall and a light pole, and damaged several telephone poles.

NVZ020

Las Vegas Valley

07	1430PST				0	0	10.0K	0.00K	Strong Wind
	1540PST								

Clark County

1 S Paradise

07	1525PST				0	0	10.00K	0.00K	Dust Devil
	1530PST								

The dust devil tore numerous tiles from the roof of a business, damaged a large ceramic fountain and a sign, and collapsed an awning.

Clark County

1 SSE North Las Vegas

07	1530PST				0	0	50.00K	0.00K	Dust Devil
	1535PST								

The dust devil uprooted trees and then struck a retail store, tearing off part of the roof and breaking water lines to the building's sprinkler system. Power was also knocked out to about 2,000 customers.

At least four dust devils developed over the Las Vegas Valley in the afternoon, causing significant damage.

NVZ017

Western Clark/Southern Nye

17	1530PST				0	0	0.00K	0.00K	High Wind
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A Pacific low pressure system produced isolated high winds over the Mojave Desert, and brief downslope winds in the lee of the Sierra Nevada.

NVZ014-017-019>021

Esmeraldo/Central Nye - Lake Mead/Lake Mohave National Recreation Area - Las Vegas Valley - Spring Mountains - Western Clark/Southern Nye

25	0800PST				0	0	60.0K	0.00K	High Wind
	1305PST								

An unseasonably strong low pressure system brought widespread high winds to much of the Mojave Desert and southern Great Basin.

NEVADA, West

Washoe County

Sutcliffe

15	1645PST				0	0	0.00K	0.00K	Thunderstorm Wind (53MG)
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The Pyramid Lake Fisheries observation in Sutcliffe reported this wind gust.

Low pressure moved over the Sierra and western Nevada on the 15th, bringing thunderstorms with gusty winds, small hail, and locally heavy rain. Note: The measured wind gust of 53 knots is equivalent to 61 mph.

NVZ003

Greater Reno/Carson City/Minden Area

22	1245PST				0	0			Wildfire
26	1700PST						0.00K		

An open residential burn the previous weekend re-ignited as winds gusted to 40-45 mph on the afternoon of the 22nd.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW HAMPSHIRE, North and Central

Merrimack County

1 NE Concord

16	2000EST 2006EST				0	0	0.00K	0.00K	Hail (0.75)
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A thunderstorm produced .75 inch hail in Concord.

Merrimack County

1 NE Concord

16	2015EST 2019EST				0	0	0.00K	0.00K	Hail (0.88)
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A thunderstorm produced .88 inch hail in Concord.

A strong cold front moved through northern New England late in the afternoon and early evening. A rather strong wind field and falling freezing level to 9-10 thousand feet allowed hail to become a problem with the strong instability. Pea to nickel sized hail covered the ground in some areas.

Grafton County

1 W Hanover

29	0008EST 0014EST				0	0	0.00K	0.00K	Hail (1.75)
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A severe thunderstorm produced 1.75 inch hail in Hanover.

Grafton County

1 W Lost River

29	0030EST 0035EST				0	0	0.00K	0.00K	Hail (1.00)
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A severe thunderstorm produced 1 inch hail in Lost River.

Grafton County

4 ESE Orford

29	0040EST 0045EST				0	0	0.00K	0.00K	Hail (0.88)
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A thunderstorm produced .88 inch hail near Orford.

Grafton County

3 ESE Orford

29	0040EST 0046EST				0	0	0.00K	0.00K	Hail (1.00)
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A severe thunderstorm produced 1 inch hail near Orford.

Grafton County

5 ESE Orford

29	0042EST 0048EST				0	0	0.00K	0.00K	Hail (1.00)
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A severe thunderstorm produced 1 inch hail near Orford.

Grafton County

1 W Groton

29	0105EST 0112EST				0	0	0.00K	0.00K	Hail (1.00)
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A severe thunderstorm produced 1 inch hail in Groton.

Sullivan County

3 S Langdon

29	1435EST 1441EST				0	0	0.00K	0.00K	Hail (1.00)
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A severe thunderstorm produced 1 inch hail off Mellish Rd. near Langdon.

Sullivan County

Langdon

29	1509EST 1513EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm downed trees on the Cheshire Pike in Langdon.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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NEW HAMPSHIRE, North and Central

Sullivan County

Langdon	29	1510EST 1514EST			0	0	0.00K	0.00K	Hail (0.88)
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A thunderstorm produced .88 inch hail in Langdon.

Sullivan County

2 NNW West Claremont	29	1555EST 1559EST			0	0	0.00K	0.00K	Hail (1.25)
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A severe thunderstorm produced 1.25 inch hail near Claremont.

A stalled front across the forecast area was the focus of severe thunderstorms during the early morning hours and again during the afternoon of the 29th. Strong CAPE and low freezing levels resulted in numerous reports of large hail with these storms.

Grafton County

Warren	29	1630EST 2100EST			0	0	25.00K	0.00K	Flash Flood
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Thunderstorms produced 2 to 4 inches of rain in a 3 hour period resulting in flash flooding and road washouts on Route 118.

Grafton County

2 SE Lost River	29	1630EST 2100EST			0	0	25.00K	0.00K	Flash Flood
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A stalled frontal boundary was the focus of thunderstorm activity during the early morning hours of the 29th. Two to four inches of heavy rain fell in a 3 hour period and produced flash flooding and road washouts on Route 118.

A stalled frontal boundary was the focus of thunderstorm activity during the early morning hours of the 29th. Two to four inches of heavy rain produced flash flooding in Warren and Woodstock with damages in the two towns amounting to 50,000 dollars.

Grafton County

Woodstock	29 30	2118EST 0000EST			0	0	0.00K	0.00K	Flood
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Heavy rain from numerous thunderstorms produced minor flooding on the Pemigewasset River at Woodstock (flood stage 9.0 ft), which crested at 9.34 ft.

A stalled frontal boundary was the focus of thunderstorm activity during the early morning hours of the 29th. Two to four inches of heavy rain produced minor flooding on the Pemigewasset River at Woodstock (flood stage 9.0 ft), which crested at 9.34 ft.

NEW HAMPSHIRE, Southern

Hillsborough County

1 S Hillsborough	16	1920EST			0	0	0.00K	0.00K	Hail (0.75)
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Southwesterly surface flow resulted in warm air advection, bringing plenty of warm, moist air into southern New England. A cold front approaching from the west provided enough lift to result in showers and thunderstorms across southwestern New Hampshire. Some of these storms were strong to severe.

Cheshire County

Alstead	29	1445EST			0	0	0.00K	0.00K	Hail (1.00)
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Cheshire County

Gilsum	29	1500EST			0	0	0.00K	0.00K	Hail (0.75)
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Cheshire County

Walpole	29	1550EST			0	0	0.00K	0.00K	Hail (1.75)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW HAMPSHIRE, Southern

Cheshire County 2 N Chesterfield	29	1558EST			0	0	1.00K	0.00K	Thunderstorm Wind (45EG)
<p>A tree was downed onto wires by thunderstorm winds. Note: The estimated wind gust of 45 knots is equivalent to 52 mph.</p>									
Cheshire County Walpole	29	1600EST			0	0	0.00K	0.00K	Hail (0.75)
Cheshire County 1 S East Alstead	29	1608EST			0	0	1.00K	0.00K	Thunderstorm Wind (45EG)
<p>A tree was downed onto power lines by thunderstorm winds. Note: The estimated wind gust of 45 knots is equivalent to 52 mph.</p>									
Cheshire County Walpole	29	1610EST			0	0	0.00K	0.00K	Hail (1.00)
Cheshire County Westmoreland	29	1620EST 1625EST			0	0	0.00K	0.00K	Hail (0.75)
Cheshire County Keene	29	1637EST			0	0	0.00K	0.00K	Hail (0.88)
Cheshire County Westmoreland	29	1700EST			0	0	0.00K	0.00K	Hail (2.00)
Cheshire County 2 NW Keene	29	1705EST			0	0	0.00K	0.00K	Hail (1.75)
Cheshire County 1 W Nelson South Keene	29	1710EST 1845EST			0	0	3.00M	0.00K	Flash Flood

Numerous roads flooded in Keene (including Maple and Pako Avenues, Roxbury, Church, Harrison, Gurnsey, and Edwards Streets, Hurricane and Belvedere Roads, and Colonial and Dale Drives), Westmoreland (including Mount Gilboa Road), Sullivan (including Centre Street, Route 9, and South, Hubbard, and East Sullivan Roads) and Gilsum (including Route 10 and Vessel Rock Road). Centre Street in Sullivan and Vessel Rock Road and Route 10 in Gilsum were washed out. Ferry Brook in Keene was out of its banks. Route 9 in Sullivan was closed with cars stuck in the floodwaters. In Keene, Belvedere Road off Route 10 sustained the most damage. Several roads in Keene sustained washouts: including Old Walpole Road (1,000 feet), East Surry Road (culvert), Ferry Brook Road (200 feet), and White Brook Road (200 feet). Route 9 and Route 12 were both closed for a period of time due to the flooding. Route 12 was damaged on the northbound side between the Summit Steakhouse in Westmoreland and the Black Brook Industrial Park in Keene. These closed roads cut off some residents, making travel between Westmoreland, Keene, Gilsum, and Sullivan difficult, if not impossible. A quarter mile section of Centre Street in Sullivan was completely washed out with lesser damage over a mile long length. Twenty six people stayed in a Red Cross shelter Tuesday night (May 29), only 1 remained Wednesday night (May 30). Basements flooded across Keene, some with up to 4 to 5 feet of water. Flooding resulted in Gilsum and Sullivan Elementary Schools being closed Wednesday (May 30) because access to those schools was limited by closed roads.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

NEW HAMPSHIRE, Southern



Flooding damage to Route 10 Northbound in Gilsum, north of Surry Road. Photo courtesy: Stephanie Dunten, NWS Storm Survey.

Cheshire County Alstead

29	1729EST				0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
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Trees and wires on Pleasant Street were downed by thunderstorm winds.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cheshire County 2 WSW East Swanzey

29	1740EST 1745EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Several trees were downed by thunderstorm winds.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cheshire County 2 SSE Alstead Center

29	1741EST 1800EST				0	0	0.00K	0.00K	Flood
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Alstead Center Road was flooded and impassable.

Cheshire County 1 SSE Walpole

29	1753EST 1830EST				0	0	0.00K	0.00K	Flood
----	--------------------	--	--	--	---	---	-------	-------	-------

County Road was flooded and impassable.

Cheshire County Walpole

29	1758EST				0	0	1.00K	0.00K	Thunderstorm Wind (45EG)
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A tree on Bookseller Road was downed by thunderstorm winds.

Note: The estimated wind gust of 45 knots is equivalent to 52 mph.

Cheshire County 2 NW Keene

29	1801EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Trees and Wires on Arch Street were downed by thunderstorm winds.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW HAMPSHIRE, Southern

Hillsborough County Antrim

29	1806EST				0	0	0.00K	0.00K	Hail (1.75)
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Hillsborough County Hancock

29	1806EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Trees and wires on Cavender Road were downed by thunderstorm winds, blocking the road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cheshire County 1 E West Swanzey

29	1825EST				0	0	0.00K	0.00K	Hail (0.75)
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Cheshire County Surry

29	1829EST 1900EST				0	0	0.00K	0.00K	Flood
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Route 12A near Carpenter Road was flooded and impassable.

Cheshire County 1 SSE Munsonville

29	1829EST 1900EST				0	0	0.00K	0.00K	Flood
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Murdough Hill Road was flooded and impassable.

Cheshire County Keene

29	1834EST				0	0	0.00K	0.00K	Hail (0.75)
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A warm front moved through southern New Hampshire early Tuesday morning, leaving the area in a very moist, warm, and unstable airmass. Tuesday afternoon a cold front began moving across western New York and approaching southern New Hampshire. As the front made its way across this area, it set off showers and thunderstorms across much of eastern New York and western Massachusetts in an especially moist environment. These storms eventually moved over parts of southern New Hampshire. Three high precipitation supercell thunderstorms moved in the same path over central Cheshire County.

These thunderstorms each produced two to three inches of rain, with most of it falling over Surry, Gilsom, and Keene and to a somewhat lesser extent over Sullivan, Walpole, and Westmoreland. The NWS cooperative observer at Surry Mountain Dam recorded 6.91 inches of rain total, while the Taunton WSR-88D radar estimated storm total rainfall of up to 8 to 9 inches in less than a couple of hours. This resulted in flash flooding across much of this area.

NEW JERSEY, South and Northwest

Camden County 1 SE Blue Anchor

24	1207EST				0	0	0.00K	0.00K	Hail (1.00)
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A severe thunderstorm dropped quarter size hail in Winslow Township.

Camden County 1 E Blackwood

24	1224EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny size hail fell in the Blackwood section of Gloucester Township.

Burlington County Vincentown

24	1229EST				0	0	0.00K	0.00K	Hail (0.88)
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A thunderstorm dropped nickel size hail in the Vincentown section of Southampton Township.

Camden County 1 ESE Blenheim

24	1229EST				0	0	0.00K	0.00K	Hail (1.00)
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A severe thunderstorm dropped quarter size hail between the Blackwood and Hilltop sections of Gloucester Township.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW JERSEY, South and Northwest

Burlington County 2 SE Medford Lakes

24	1230EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm tore down large tree limbs and a few wires in the southeastern part of Medford Township.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Burlington County 2 SE Taunton Lake

24	1234EST				0	0	0.00K	0.00K	Hail (0.88)
----	---------	--	--	--	---	---	-------	-------	-------------

A thunderstorm dropped nickel size hail in Medford Township.

Burlington County 1 NNE Columbus

24	1254EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm tore down large tree limbs and wires in the northern part of Mansfield Township.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Burlington County 1 S Roebling

24	1305EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm also tore down large tree limbs and wires in the northern part of Florence Township.

An upper air disturbance passing over a quasi-stationary front that helped pool a warm and moist air mass triggered scattered strong to severe thunderstorms across central and southern New Jersey during the afternoon of the 24th. The convective activity initiated across portions of southern New Jersey and then strengthened and expanded in coverage, with additional development into central New Jersey and eastern Pennsylvania. While a combination of large hail and damaging winds occurred with the severe thunderstorms, there were over a dozen other reports of smaller hail with the thunderstorms. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Sussex County Sussex

26	1310EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny size hail fell in Sussex.

A strong thunderstorm dropped penny size hail in Sussex County.

NJZ014

Eastern Monmouth

27	1700EST				1	0	0.00K	0.00K	Rip Current
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A 17-year-old boy drowned after getting caught in a rip current near Pier Village in Long Branch (Monmouth County) during the evening of May 27th. The boy's sister and an adult were also caught in the same rip current, but were rescued. His body was recovered on Saturday afternoon, June 2nd in nearly the same beach location in Long Branch. M17IW

NJZ018

Camden

29	1100EST				0	0	0.00K	0.00K	Heat
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The first back-to-back 90 degree days in and around the Philadelphia area during 2012 precipitated the early dismissal of school children in Camden on Tuesday the 29th. The high temperature at the Philadelphia International Airport reached 91 degrees on the 28th and 92 degrees on the 29th. A cold frontal passage preceded by strong to locally severe thunderstorms ended the early heat.

NJZ014

Eastern Monmouth

29	1700EST				1	4	0.00K	0.00K	Rip Current
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A 24-year-old man drowned after believed to have been caught in a rip current in Bradley Beach (Monmouth County) and was pronounced dead at 7 p.m. EDT on the 29th. He drowned while swimming south of a jetty in the waters off of Brinley Avenue Beach in Bradley Beach. Around the same time, four teenagers were also caught in the same rip current, but made it back to shore. They were hospitalized for observations. This was the second rip current related drowning in Monmouth County this week. Both incidents occurred on unguarded beaches in locations known to have rip currents. M24IW

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW JERSEY, South and Northwest

Sussex County Montague

29	1725EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A severe thunderstorm knocked down a couple of trees in Montague Township.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Sussex County 1 ESE Layton

29	1730EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A severe thunderstorm also knocked down a couple of trees in Sandyston Township.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Warren County 1 NNW Hazen

29	1740EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A severe thunderstorm knocked down a couple of trees in White Township.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Warren County Blairstown

29	1755EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A severe thunderstorm also knocked down a few trees and wires in northern Warren County in and around Blairstown.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Mercer County Robbinsville

29	1920EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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The gust front from a severe thunderstorm knocked down a couple of trees in Robbinsville Township.

A squall line that preceded a cold front produced strong to locally severe thunderstorms in western New Jersey from Mercer County north into Sussex County. As the gust front moved ahead of the thunderstorms, the overall impact was less in the rest of the state. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

NEW MEXICO, Central and North

NMZ501-505-508> 509-519>540

Albuquerque Metro Area - Central Highlands - Chaves County Plains - Chuska Mountains - Curry County - De Baca County - Eastern Lincoln County - Eastern San Miguel County - Estancia Valley - Far Northeast Highlands - Guadalupe County - Harding County - Lower Rio Grande Valley - Northeast Highlands - Northwest Plateau - Quay County - Raton Ridge/johnson Mesa - Roosevelt County - San Francisco River Valley - Sandia/manzano Mountains - South Central Highlands - South Central Mountains - Southwest Chaves County - Southwest Mountains - Union County - Upper Tularosa Valley - West Central Plateau

01	0000MST								
31	2359MST				0	0	0.00K	0.00K	Drought

Despite above normal precipitation during the month of May for portions of the lower Rio Grande Valley, the southeast plains, and the northeast plains, continued long term below normal precipitation led to persistent drought conditions across much of the state in May. Portions of the lower Rio Grande Valley received more than 200 percent of normal precipitation while portions of the northeast and southeast plains received a little over 100 percent of normal. The northern mountains, the southeast plains, and the upper Rio Grande Valley received well below normal precipitation while much of western New Mexico received no rainfall at all.

Due to the above normal precipitation over the lower Rio Grande Valley, the areal coverage of severe (D2) drought conditions diminished over southeast Socorro and southwest Lincoln counties. Persistent dry conditions across the remainder of northeastern, central and southwestern New Mexico forced severe (D2) drought to persist, while the east central and southeast plains remained in extreme (D3) drought. Above normal precipitation for the southeast plains alleviated exceptional (D4) drought conditions from early May. Monetary damages will be estimated at the end of the event.

NMZ539

Eastern Lincoln County

06	2150MST				0	0	0.00K	0.00K	High Wind
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A dry microburst occurred over eastern Lincoln County which produced winds of 60 mph at the Columbia Scientific Balloon Facilities Transwestern Pump Station.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW MEXICO, Central and North

Chaves County 4 E Elk	07	1345MST			0	0	0.00K	0.00K	Hail (0.75)
Chaves County 6 NNW Dunken	07	1400MST			0	0	0.00K	0.00K	Hail (1.00)
Chaves County 18 NE Dunken	07	1430MST			0	0	0.00K	0.00K	Hail (1.75)
Chaves County 2 E Lake Arthur	07	1545MST			0	0	0.00K	0.00K	Hail (1.00)
Chaves County 1 SE Roswell	07	1545MST			0	0	0.00K	0.00K	Hail (0.75)
Chaves County 2 W Roswell	07	1552MST			0	0	0.00K	0.00K	Hail (0.75)

Large hail was the primary threat across the southeastern plains of New Mexico during the afternoon and evening of May 7th. Thunderstorms increased in coverage and intensity within a post-frontal upslope regime. Strong instability and 40 to 50 knots of deep layer shear supported a few severe storms across Chaves County.

NMZ508

Southwest Mountains

09	1500MST								
31	2359MST				0	5	2.5M	0.00K	Wildfire

By the end of May, the Whitewater/Baldy Complex broke the record for the largest wildfire in New Mexico state history. The previous record was held by the Las Conchas wildfire of 2011 at just over 156,000 acres.

On May 9th, the Baldy Fire started and on May 16, the Whitewater fire was detected. Both of these fires were started by lightning. On May 24th, strong winds allowed the Whitewater and Baldy fires to join, then becoming the Whitewater/Baldy Complex. At this time 12 structures burned in the Willow Creek subdivision. On May 26th, another bout of stronger winds led to the evacuation of Mogollon. Spotting was reported up to three-quarters of a mile within mixed conifer and ponderosa pine on the northern side of the fire, while pinon pine and juniper were more common on the southeast flank. The fire led to numerous road closures including Forest Service Road 141, Forest Service Road 28 at the Forest Service Road 94 junction, State Road 159 at Whitewater and Forest Service Road 150 at the Forest Service Road 142 junction.

Bernalillo County

4 S Tijeras	11	1405MST			0	0	0.00K	0.00K	Hail (0.88)
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Bernalillo County

3 WNW Albuquerque	11	1430MST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A 40 year old cottonwood tree about one foot in diameter was split and numerous branches five to six inches in diameter were broken off other trees.

Showers and thunderstorms developed over the high terrain during the afternoon and evening. Some storms were strong and produced hail. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Los Alamos County

Los Alamos	12	1445MST			0	0	0.00K	0.00K	Hail (1.00)
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Continued active weather pattern in wake of passage of back door cold front. Scattered showers and thunderstorms developed again over high terrain areas. One storm became severe with quarter size hail.

Socorro County

2 SE Magdalena Muni Arpt	13	1249MST			0	0	1.00K	0.00K	Tornado (EF1)
2 SSW Magdalena		1257MST	1.17	75	0	0	1.00K	0.00K	Tornado (EF1)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW MEXICO, Central and North

National Weather Service meteorologists surveyed tornado damage that originated in an open desert, native to only small juniper trees and cactus. Based on multiple eyewitness accounts, several photos and video, the landspout began as two dust devils merged. The circulation grew vertically and made connection with the parent thunderstorm as it moved east. Interestingly though, the parent storm moved southeast. The landspout moved over two stock tanks. One was blown back to the west approximately 20 feet and hit a steel fence that was dented. The other tank was blown approximately 0.75 miles to the east and was mangled and in pieces. The landspout crossed State Road 107 and increased in intensity. Numerous pinon and juniper trees as well as cholla cacti were uprooted and displaced between 20 and 100 feet. No homes or outbuildings were damaged or destroyed. Peak wind speed was estimated at 90 mph.

Socorro County Magdalena

13	1300MST				0	0	0.00K	0.00K	Hail (1.25)
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Torrance County Progreso

13	1308MST				0	0	0.00K	0.00K	Hail (1.00)
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Valencia County Belen

13	1430MST				0	0	0.00K	0.00K	Hail (0.75)
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Hail piled up 3 to 4 inches high.

Lincoln County 5 WSW Oscuro

13	1753MST				0	0	0.00K	0.00K	Thunderstorm Wind (65MG)
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A 75 mph thunderstorm wind gust was reported from White Sands Missile Range Mesonet site at Phillips Hill.

Numerous showers and thunderstorms developed mainly south of I-40 once cloud cover dissipated. Strong instability and shear led to rapidly developing severe storms in the early afternoon. These storms continued through the evening hours across much of south central New Mexico. Note: The measured wind gust of 65 knots is equivalent to 75 mph.

NMZ505-508-519-522

Albuquerque Metro Area - Estancia Valley - Southwest Mountains - West Central Plateau

18	1500MST 1732MST				0	0	0.00K	0.00K	High Wind
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A weak upper level wave sliding east over northern and central New Mexico combined with sufficient mid level moisture to produce isolated virga showers and dry thunderstorms. Several of these showers and thunderstorms produced locally strong microburst winds and areas of blowing dust during the late afternoon and early evening hours.

Lincoln County 2 SE Ruidoso

21	1120MST 1125MST				0	0	0.00K	0.00K	Hail (1.00)
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Los Alamos County 3 NE Los Alamos

21	1500MST 1505MST				0	0	0.00K	0.00K	Hail (0.75)
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The emergency manager reported dime to penny size hail.

Colfax County 8 SSW Springer

21	1601MST				0	0	0.00K	0.00K	Hail (1.50)
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San Miguel County Tremontina

21	1610MST 1611MST				0	0	0.00K	0.00K	Funnel Cloud
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A funnel cloud was reported about two thirds of the way to the ground.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEW MEXICO, Central and North									
San Miguel County									
Trementina	21	1610MST 1615MST			0	0	0.00K	0.00K	Hail (0.75)
Harding County									
26 SSE Mosquero	21	1713MST 1714MST			0	0	0.00K	0.00K	Hail (1.00)
Quay County									
(TCC)Tucumcari Arpt	21	1740MST			0	0	0.00K	0.00K	Thunderstorm Wind (55MG) Note: The measured wind gust of 55 knots is equivalent to 63 mph.
Quay County									
3 NE Tucumcari	21	1740MST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG) Four inch diameter tree limbs were downed. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Harding County									
6 NW Rosebud	21	1750MST 1755MST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG) Small tree limbs were broken off a tree as the gust front came through. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Quay County									
Logan	21	1757MST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG) Estimated wind gust speed of 50 to 60 mph was reported from the public. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Torrance County									
6 WSW Moriarty	21	1832MST 1833MST			0	0	0.00K	0.00K	Funnel Cloud
Union County									
11 S Amistad	21	1840MST 1845MST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG) Wind speed of 60 mph was estimated by a trained spotter. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Curry County									
2 N Broadview	21	1919MST 1924MST			0	0	0.00K	0.00K	Hail (0.88)
Curry County									
1 S Broadview	21	1925MST			0	0	0.00K	0.00K	Hail (0.75)
Curry County									
1 S Broadview	21	1934MST 1939MST			0	0	0.00K	0.00K	Hail (0.75)
Curry County									
7 S Broadview	21	1950MST 1955MST			0	0	0.00K	0.00K	Hail (1.00)

Severe storms developed across portions of central and eastern New Mexico during the afternoon hours. Moisture increased across the eastern two thirds of the state behind the passage of a backdoor cold front the day before. This led to better coverage of thunderstorms during the afternoon. Eastern portions of the state were in a slight risk area from the Storm Prediction Center.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Property Damage	Crops	Character of Storm
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NEW MEXICO, Central and North

NMZ506

West Central Mountains

22	0000MST								
31	2359MST				0	0	0.00K	0.00K	Drought

Continued lack of moisture kept western portions of the state below normal as far as rainfall amounts for the month of May. This led to the development of drought conditions across the West Central Mountains during the last week of the month.

NMZ505-507

West Central Highlands - West Central Plateau

23	1409MST								
	2144MST				0	0	0.00K	0.00K	High Wind

A fast moving upper level jet sliding east across the central Rockies combined with a deep area of surface low pressure over northeast New Mexico to produce strong gusty winds across portions of the area. The strongest winds were felt over the West Central Mountains where winds gusted near 60 mph.

NMZ501-508-528-529

Far Northeast Highlands - Northeast Highlands - Northwest Plateau - Southwest Mountains

26	0941MST								
	1653MST				0	0	0.00K	0.00K	High Wind

Roosevelt County 4 N Causey

26	1735MST								
	1736MST				0	0	0.00K	0.00K	Hail (0.75)

NMZ530

Union County

26	1745MST								
	1750MST				0	0	0.00K	0.00K	High Wind

Quay County

4 SW (TCC)Tucumcari Arprt

26	2123MST								
	2124MST				0	0	0.00K	0.00K	Hail (0.88)

The combination of a dryline across eastern New Mexico and an upper level low pressure system over the Great Basin produced isolated severe storms over the eastern plains. Meanwhile high winds impacted much of central and western New Mexico.

Mora County Wagon Mound

31	1739MST								
	1744MST				0	0	0.00K	0.00K	Hail (1.50)

The LJM travel center reported 1.50 inch diameter hail.

Mora County 2 ENE Wagon Mound

31	1829MST								
	1839MST				0	0	0.00K	0.00K	Hail (0.75)

Hail covered Interstate 25 to a depth of at least 1 inch.

Colfax County Maxwell

31	1943MST								
	1953MST				0	0	0.00K	0.00K	Hail (1.50)

Hail accumulated along a 10-mile stretch of Interstate 25 with biggest hail stones up to 1.50 inches in diameter.

A weak upper level disturbance sliding over northeastern New Mexico combined with a back door cold frontal boundary over the area to produce strong to severe thunderstorms. Several of these storms produced significant hail with accumulations of several inches along Interstate 25.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW MEXICO, South Central and Southwest

NMZ401>417

Central Tularosa Basin - East Slopes Sacramento Mountains Below 7500 Feet - Eastern Black Range Foothills - Lowlands Of The Bootheel - Northern Dona Ana County - Otero Mesa - Sacramento Mountains Above 7500 Feet - Sierra County Lakes - Southern Dona Ana County/mesilla Valley - Southern Gila Foothills/mimbres Valley - Southern Gila Highlands/black Range - Southern Tularosa Basin - Southwest Desert/lower Gila River Valley - Southwest Desert/mimbres Basin - Uplands Of The Bootheel - Upper Gila River Valley - West Slopes Sacramento Mountains Below 7500 Feet

01	0000MST								
31	1300MST				0	0	0.00K	0.00K	Drought

After many months of having portions of Otero County in Exceptional(D4) Drought, by the end of May, this area was in Extreme(D3) Drought. Areas near the Rio Grande Valley were also saw improvements going into Moderate(D1) Drought during the month.

Sierra County Caballo

08	1250MST				0	0	0.00K	0.00K	Hail (1.75)
	1255MST								

Golf ball size hail reported in Caballo.

Dona Ana County 2 ENE Salem

08	1320MST				0	0	0.00K	0.00K	Hail (1.00)
	1325MST								

Dona Ana County 1 NNE Rodey

08	1340MST				0	0	0.00K	0.00K	Hail (0.75)
	1345MST								

Dona Ana County 12 E Anthony

08	1540MST				0	0	0.00K	0.00K	Hail (0.75)
	1545MST								

An upper low was moving through Southern Arizona which allowed a back door cold front to move through Southern New Mexico. The easterly winds behind the front brought a source of moisture to the area with sufficient wind shear as upper level winds turned to the southwest around 35-40 knots.

Otero County 6 SSW (HMN)Holoman Afb Almi 1

	1629MST				0	0	0.00K	0.00K	Hail (0.75)
	1635MST								

Otero County 8 SSW (HMN)Holoman Afb Almi 1

	1645MST				0	0	0.00K	0.00K	Hail (1.75)
	1650MST								

Border Patrol reported golf ball size hail at checkpoint near White Sands National Monument.

Otero County 3 SW Turquoise

11	1749MST				0	0	0.00K	0.00K	Hail (1.00)
	1755MST								

One inch diameter hail was covering the ground.

A cold upper low had just moved through the region with a nearly stationary front situated along the Rio Grande Valley providing the lift for a few severe thunderstorms to develop over the region and produce up to golf ball size hail.

Sierra County 1 N Placita

12	1439MST				0	0	0.00K	0.00K	Hail (0.75)
	1445MST								

A cold front was located over Southwestern New Mexico and a weak upper level disturbance crossed the region providing enough lift for isolated thunderstorms to develop and produce dime size hail in Sierra County.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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NEW MEXICO, South Central and Southwest

Otero County

1 NNE Tularosa	13	1725MST 1730MST			0	0	0.00K	0.00K	Hail (1.25)
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Up to half dollar size hail was reported just northeast of Tularosa.

Otero County

1 NW Pinto	13	1742MST 1745MST			0	0	0.00K	0.00K	Hail (0.75)
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Otero County

High Rolls	13	1752MST 1756MST			0	0	0.00K	0.00K	Hail (1.00)
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Otero County

57 NE Condron Arprt	13	1830MST 1835MST			0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported two miles south-southeast of Cloudcroft.

Otero County

2 WNW Sacramento	13	1835MST 1840MST			0	0	0.00K	0.00K	Hail (0.88)
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Otero County

1 NNW Sacramento	13	1845MST 1850MST			0	0	0.00K	0.00K	Hail (1.00)
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Relayed by sheriffs office. A public report from Telephone Canyon reported up to one inch diameter hail during thunderstorm.

A stationary boundary was located over Southwest New Mexico with good southeast flow to the east bringing in ample low level moisture. This moisture combined with good shear due to an approaching disturbance moving out of the four corners region to allow several severe thunderstorms to develop over Otero County.

Dona Ana County

5 ENE University Park	14	1343MST 1347MST			0	0	0.00K	0.00K	Hail (0.75)
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Dona Ana County

1 SSE Vado	14	1414MST 1420MST			0	0	0.00K	0.00K	Hail (0.88)
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A stationary boundary remained over Southwest New Mexico into Eastern Arizona keeping some low level moisture in place across the region. An upper trough moved through the region during the afternoon helping to trigger a couple of strong thunderstorms over Dona Ana County which produced up to nickel size hail.

Otero County

22 ESE Desert	21	1555MST 1600MST			0	0	0.00K	0.00K	Hail (1.25)
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A wide swath of hail from dime to half dollar size was reported 14 miles northeast of Hueco Tanks.

A dryline was setup from Hudspeth County, TX north through Western Otero County. A weak disturbance moving through northwest flow aloft provided enough lift to produce a severe thunderstorm with up to half dollar size hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

NEW MEXICO, Southeast

Eddy County 7 NW Artesia

07	1527MST 1532MST				0	0			Hail (1.00)
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Eddy County 2 NE Artesia

07	1530MST 1545MST				0	0	7.00K		Hail (2.75)
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A severe thunderstorm moved across Eddy County and produced baseball sized hail two miles northeast of Artesia. Vehicle damage was reported. The cost of the vehicle damage is a very rough estimate.

Eddy County 6 NNE Artesia

07	1543MST 1548MST				0	0			Hail (1.25)
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Eddy County 6 NNE Artesia

07	1548MST 1553MST				0	0			Hail (1.75)
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Lea County 5 S Hobbs

07	1710MST 1715MST				0	0			Hail (1.75)
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Lea County 1 W Hobbs

07	1748MST 1753MST				0	0			Hail (1.00)
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Lea County 1 W Hobbs

07	1751MST 1756MST				0	0			Hail (1.75)
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Lea County 5 N Nadine

07	1752MST 1757MST				0	0			Hail (1.00)
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Lea County Hobbs

07	1754MST 1759MST				0	0			Hail (1.50)
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Lea County 1 S Hobbs

07	1758MST 1803MST				0	0			Hail (1.75)
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There was an upper level low across the Southwest United States with a cold front just south of the Trans Pecos. Shortwave troughs rotated around this upper low which provided an additional source of lift across West Texas and southeast New Mexico. In addition to the lift, there was good instability due to daytime heating and low level moisture. This resulted in severe thunderstorms across West Texas and southeast New Mexico with large hail and strong winds.

Eddy County 2 W Artesia

13	1755MST 1756MST				0	0			Thunderstorm Wind (54MG)
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A thunderstorm moved over Eddy County and produced a 62 mph wind gust two miles west of Artesia.

Note: The measured wind gust of 54 knots is equivalent to 62 mph.

Eddy County 3 N Artesia

13	1819MST 1824MST				0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW MEXICO, Southeast

Eddy County 8 S Artesia	13	1819MST 1820MST			0	0			Thunderstorm Wind (52EG)
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A thunderstorm moved across Eddy County and produced a 60 mph wind gust eight miles south of Artesia.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Eddy County 12 S Artesia	13	1820MST 1825MST			0	0			Hail (1.00)
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Eddy County 8 NW Carlsbad	13	1841MST 1846MST			0	0			Hail (1.00)
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Eddy County Carlsbad	13	1900MST 2000MST			0	0	0.00K	0.00K	Flash Flood
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A thunderstorm produced heavy rain over Eddy County with a report of flash flooding in Carlsbad. There was four to ten inches of runoff on North Lake Road running north out of northeast Carlsbad to Brantley Park. The cost of damage is estimated at zero since there was no damage reported.

Eddy County 1 ESE Happy Vly	13	1915MST 2015MST			0	0	0.00K	0.00K	Flash Flood
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A thunderstorm moved over Eddy County and produced heavy rain in Carlsbad. There was six inches of running water over Sixth Street in Carlsbad. Since there was no damage reported, the cost for the damage will be estimated at zero dollars.

Eddy County Whites City	13	1915MST 1930MST			0	0			Hail (1.00)
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A surface ridge across central Texas resulted in southeast winds which allowed for a plentiful supply of moisture across West Texas and southeast New Mexico. A shortwave moved across the area providing a source of lift. This lift along with sufficient instability aided in severe thunderstorm development and flash flooding across southeast New Mexico.

NEW YORK, Central

Steuben County Coopers Plains	03	1753EST			0	0	0.00K	0.00K	Hail (0.75)
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Schuyler County Montour Falls	03	1830EST			0	0	0.00K	0.00K	Hail (1.00)
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Schuyler County Montour Falls	03	1836EST			0	0	0.00K	0.00K	Hail (0.88)
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Chemung County 1 W Horseheads	03	1842EST			0	0	0.00K	0.00K	Hail (0.75)
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Tompkins County Newfield	03	1847EST			0	0	50.00K	0.00K	Hail (2.00)
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Tompkins County 1 SW Ithaca	03	1849EST			0	0	0.00K	0.00K	Hail (1.25)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW YORK, Central

Tompkins County 1 E South Hill

03	1850EST				0	0	1.00M	0.00K	Hail (2.00)
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This hailstorm caused major damage to a car dealership denting over 1000 cars leading to significant financial loss of the car company.

Tompkins County Newfield

03	1858EST				0	0	0.00K	0.00K	Hail (1.00)
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Tompkins County Newfield

03	1859EST				0	0	0.00K	0.00K	Hail (1.25)
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Tompkins County 1 S Ithaca

03	1905EST				0	0	0.00K	0.00K	Hail (1.00)
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Tompkins County 1 S Ithaca

03	1909EST				0	0	0.00K	0.00K	Hail (1.00)
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Tompkins County 1 S Ithaca

03	1911EST				0	0	0.00K	0.00K	Hail (0.75)
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Tompkins County 1 S Ithaca

03	1914EST				0	0	0.00K	0.00K	Hail (1.75)
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Tioga County Richford

03	1936EST				0	0	0.00K	0.00K	Hail (1.00)
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Steuben County 1 SW Hornell

03	1938EST				0	0	0.00K	0.00K	Hail (1.00)
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Steuben County 1 SE Avoca

03	1950EST				0	0	0.00K	0.00K	Hail (0.88)
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Steuben County 1 SE Avoca

03	1956EST				0	0	0.00K	0.00K	Hail (1.25)
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Yates County 1 N Penn Yan Arprt

03	2056EST				0	0	0.00K	0.00K	Hail (0.75)
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Chemung County 1 W Horseheads

03	2134EST				0	0	0.00K	0.00K	Hail (1.00)
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Seneca County 3 NE Lehigh Vly Jct

03	2249EST				0	0	0.00K	0.00K	Hail (1.25)
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An upper level disturbance moved across upstate New York. With a moist and unstable air mass already in place, showers and thunderstorms developed across much of the region. Many of these storms produced hail, and in some cases the hail was very large and produced scattered damage.

Yates County 1 N Vine Vly

29	1148EST				0	0	0.00K	0.00K	Hail (1.00)
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Seneca County 1 SW Rose Hill 1 NE Bridgeport

29	1227EST				0	1	30.00K	0.00K	Thunderstorm Wind (78EG)
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The path of the storm started along route 96A in the town of Fayette, just east of Seneca Lake. Here a barn was destroyed with estimated wind speeds of 80 to 90 mph. Scattered damage continued to the northeast through the town of Fayette across route 96 near Christler Road. Here a tractor trailer was blown off the road as it was traveling along route 96. This is where the 1 injury occurred. Partial roof damage was noted to a barn, with significant hail damage to the west side of a house due to the high wind speeds. Estimated wind speeds in this area were between 70 and 80 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW YORK, Central

A scattered path of damage continued northeast through Seneca Falls and across Cayuga Lake into the town of Aurelius. Numerous tree branches were down throughout these areas with winds generally around 60 mph. Just east of Cayuga Lake in the town of Aurelius, along route 90, some isolated areas had uprooted trees. In these areas, wind speeds were estimated to be between 70 and 80 mph.

The pattern of damage was consistent with a microburst in that the damage of the trees was layed out in a divergent or a fan shaped pattern.

Note: The estimated wind gust of 78 knots is equivalent to 90 mph.

Onondaga County
2 NW Brewerton

29	1231EST				0	0	0.00K	0.00K	Hail (1.00)
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Seneca County
1 SSE Waterloo

29	1231EST				0	0	0.00K	0.00K	Hail (1.25)
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Steuben County
1 W Corning

29	1233EST				0	0	0.00K	0.00K	Hail (1.25)
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Oneida County
Ava

29	1235EST				0	0	0.00K	0.00K	Hail (2.00)
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Steuben County
2 E Gibson

29	1240EST				0	0	0.00K	0.00K	Hail (1.00)
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Seneca County
1 SW Seneca Falls

29	1241EST				0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
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Numerous trees and branches were down around the city. One large tree was uprooted on State Street.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Oneida County
3 ENE Dunn Brook

29	1255EST				0	0	0.00K	0.00K	Hail (1.50)
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Oneida County
Forestport

29	1300EST				0	0	0.00K	0.00K	Hail (1.25)
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Oneida County
3 S Boonville

29	1300EST				0	0	0.00K	0.00K	Hail (1.00)
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Oneida County
Boonville

29	1300EST				0	0	0.00K	0.00K	Hail (2.00)
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Seneca County
1 SW Seneca Falls

29	1300EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Numerous trees were blown down in both Seneca Falls and Waterloo.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Onondaga County
Memphis

29	1310EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A storm spotter estimated winds of almost 60 mph.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Onondaga County
Jordan

29	1310EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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A tree and a fence were blown down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEW YORK, Central									
Onondaga County 2 SSW Lewiston Manor	29	1315EST			0	0	0.00K	0.00K	Hail (1.00)
Oneida County Alder Creek	29	1330EST			0	0	1.00K	0.00K	Hail (1.75)
									The hail broke a windshield and dented a car.
Onondaga County 1 W Tully	29	1330EST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									A spotter estimated winds of nearly 60 mph. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Cayuga County Sempronius	29	1333EST			0	0	0.00K	0.00K	Hail (1.00)
Chemung County Erin	29	1345EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
									A tree was blown down, blocking the road at the intersection of Marsh and Wyncoop Creek Roads. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Yates County Lakemont	29	1345EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
									Several trees were blown down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Madison County 1 W Stockbridge	29	1410EST			0	0	0.00K	0.00K	Hail (0.88)
Tioga County 3 SE West Newark	29	1425EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Numerous trees and wires were blown down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Broome County 1 NW Whitney Pt	29	1430EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
									A tree was blown down across I-81 at exit 8. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Broome County Lisle	29	1431EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Numerous trees and power lines were blown down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Oneida County Clinton	29	1438EST			0	0	0.00K	0.00K	Hail (0.75)
Chenango County Sherburne	29	1440EST			0	0	0.00K	0.00K	Hail (1.00)
Chenango County Smithville Flats	29	1445EST			0	0	3.00K	0.00K	Thunderstorm Wind (52EG)
									Four large trees were blown down in the area. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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NEW YORK, Central

Sullivan County Liberty

	29	1445EST			0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
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Trees and wires were blown down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Chenango County 2 N Sherburne

	29	1450EST			0	0	0.00K	0.00K	Hail (0.88)
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Delaware County 1 S Fleischmanns

	29	1500EST			0	0	0.00K	0.00K	Hail (1.00)
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One inch diameter hail fell in Fleishmans, near Andes.

Broome County Endwell

	29	1505EST			0	0	0.00K	0.00K	Hail (1.00)
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Broome County 1 SE Broadacres

	29	1516EST			0	0	0.00K	0.00K	Hail (1.00)
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Chenango County 1 W New Berlin

	29	1522EST			0	0	0.00K	0.00K	Hail (1.00)
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Tioga County 4 W Litchfield

	29	1602EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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Several trees were blown down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Delaware County Walton

	29	1607EST			0	0	0.00K	0.00K	Hail (1.00)
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Delaware County 1 E Delhi

	29	1614EST			0	0	0.00K	0.00K	Hail (1.00)
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Delaware County 1 E Delhi

	29	1615EST			0	0	0.00K	0.00K	Hail (0.75)
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Sullivan County 1 E Monticello

	29	1632EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Numerous trees were blown down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Sullivan County 4 NW Lowes Corners

	29	1700EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Several trees and wires were blown down.

With a warm front draped across northern New York and a cold front to the west, New York State was entrenched in the warm and moist warm sector as temperatures rose well into the 80s with dewpoints in the 60s during the afternoon. Showers and thunderstorms developed out ahead of the approaching cold front, with many storms becoming severe and producing large hail and damaging winds. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Delaware County 1 S Hancock

	30	1302EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Estimated 50 knot wind gusts knocked trees down across route 191 in Hancock.

Isolated severe thunderstorm hit Hancock in Delaware with trees down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
NEW YORK, Coastal									
Orange County									
New Windsor	26	1335EST			0	0			Hail (0.75)
Orange County									
1 W New Windsor	26	1337EST			0	0			Hail (1.00)
Quarter size hail was reported near New Windsor.									
Rockland County									
1 SSW Rockland Lake	26	1358EST			0	0	1.00K		Thunderstorm Wind (52EG)
Wires were reported down in Valley Cottage. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Orange County									
Vails Gate	26	1400EST			0	0			Hail (0.75)
Rockland County									
1 NE Orangeburg	26	1403EST			0	0	2.00K		Thunderstorm Wind (52EG)
Tree and wires were reported down in Blauvelt. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Rockland County									
1 NNE Nyack	26	1531EST			0	0	10.00K		Thunderstorm Wind (61EG)
A large tree was reported down on a car at the intersection of US Route 9W and Christian Herald Road. A passing cold front triggered severe thunderstorms in Orange and Rockland Counties. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
NEW YORK, East									
Montgomery County									
22 NNE Rural Grove	08	1000EST							
10 WNW St Johnsville	10	1100EST			0	0	0.00K	0.00K	Flood
More than 100-mile stretch of the New York State Erie Canal System from Lock E-2 Waterford to Lock E-22 New London was closed due to high water and excessive flow. More than 100-mile stretch of the New York State Erie Canal System from Lock E-2 Waterford to Lock E-22 New London was closed due to high water and excessive flow. Heavy rainfall, 1 to 4 inches, occurred across the Mohawk Valley as a warm front moved northward across the region on Friday, May 8th.									
Herkimer County									
1 SE East Frankfort	16	1422EST 1425EST			0	0	0.00K	0.00K	Hail (1.00)
Quarter size (measured) hail was reported during a thunderstorm in Ilion.									
Herkimer County									
1 NE Mohawk	16	1430EST 1432EST			0	0	0.00K	0.00K	Hail (1.00)
Quarter size (measured) hail was reported during a thunderstorm in Herkimer.									
Warren County									
1 NE Lake Vanare	16	1430EST 1432EST			0	0	0.00K	0.00K	Hail (1.50)
Ping-pong ball size (measured) hail was reported during a thunderstorm about 4 miles north-northeast of Lake Luzerne.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW YORK, East

Warren County 1 NE Glens Falls

16	1518EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Trees and wires were reported down due to strong thunderstorm winds about 1 mile northeast of Glens Falls.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Saratoga County Kings Station

16	1542EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported during a thunderstorm about 4 miles north Saratoga Springs.

Saratoga County 1 E Gansevoort

16	1604EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size (measured) hail was reported during a thunderstorm in Gansevoort. The hail covered the ground.

Saratoga County 1 SSW Northumberland

16	1615EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel size (measured) hail was reported during a thunderstorm near Northumberland. The hail covered the ground.

Washington County 1 ESE North Greenwich

16	1625EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Trees and wires were reported down to strong thunderstorm winds about 4 miles north of Greenwich.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Washington County 1 N Greenwich Jct

16	1635EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny size (measured) hail was reported during a thunderstorm just west of Salem.

Washington County 1 NNE Salem

16	1640EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported during a thunderstorm just north of Salem.

Saratoga County 2 NW Grays Corners

16	1645EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size (measured) hail was reported during a thunderstorm in Clifton Park.

Schenectady County 2 W Niskayuna

16	1646EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size (measured) hail was reported during a thunderstorm in Niskayuna.

Schenectady County 1 NW Niskayuna

16	1646EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size (measured) hail was reported during a thunderstorm in Niskayuna.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEW YORK, East									
Albany County Boght Corners	16	1650EST 1652EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size (measured) hail was reported during a thunderstorm in Boght Corners.
Saratoga County 1 N Grays Corners	16	1655EST 1657EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size (measured) hail was reported during a thunderstorm in Clifton Park.
Saratoga County 2 S Clifton Park	16	1655EST 1658EST			0	0	0.00K	0.00K	Hail (1.50)
									Ping-pong ball size (measured) hail was reported during a thunderstorm in Clifton Park. Hail covered the ground.
									This was the first severe weather event of 2012. The combination of an unstable airmass in place over the region, the approach of a strong mid/upper level trough, the presence of a pre-frontal trough, and the passage of cold front set the stage for the development of severe thunderstorms across east central New York. The pre-frontal trough became diffuse during the afternoon and consolidated with the cold front as it moved through. The convection formed into a broken line from mainly the Capital District north and east. Most of the severe reports were hail. The convection tended to diminish in severity by around 7 pm EDT, as by the time the cold front approached the southeast portion of the local area and the instability decreased. Some additional convection did flare up over southern Berkshires in Massachusetts, eastern Columbia County east central New York, and northern Litchfield County Connecticut as the cold front moved through around 9 to 10 pm EDT, although these storms were not severe.
Ulster County 1 NNE Marlboro	27 28	2205EST 0000EST			0	0	0.00K	0.00K	Flash Flood
									It was reported a foot of water flowed into the Marlboro Fire House. Slow moving scattered thunderstorms developed across a portion of the eastern Catskills during the evening of Sunday, May 27th. The storms produced very heavy rainfall.
Hamilton County 2 SSW Inlet	29	0444EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
									A tree was reported down across a road due to strong thunderstorm winds at the Limekiln Lake Campground. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Hamilton County 2 SW Sabael	29	0512EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
									A tree was reported down on wires due to strong thunderstorm winds knocking out power approximately 3 miles north-northwest of Lewey Lake Campground. A warm and humid airmass was in place across the region. Some thunderstorms moved across western Adirondacks early in the morning Tuesday, May 29th. A couple of the storms produced strong and damaging winds which downed trees. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Fulton County Stratford	29	1149EST 1204EST			0	0			Hail (2.75)
									The public reported baseball sized hail from a thunderstorm in Stratford via Facebook.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEW YORK, East									
Fulton County									
1 SE Caroga Lake	29	1212EST 1217EST			0	0			Hail (1.25)
									Half-dollar sized hail was reported due to a thunderstorm in Caroga Lake via Facebook.
Warren County									
5 W Bolton Lndg	29	1225EST 1230EST			0	0			Hail (1.00)
									Quarter sized hail was reported from a thunderstorm about 2 miles southwest of Riverbank.
Warren County									
3 NE Bolton Lndg	29	1230EST 1240EST			0	0			Hail (1.75)
									The public reported golf ball sized hail from a thunderstorm in North Bolton.
Warren County									
1 SE Bolton Lndg	29	1235EST 1240EST			0	0			Hail (2.50)
									The public reported tennis ball sized hail from a thunderstorm in Bolton Landing via Facebook. Media reported cars being damaged from hail.
Warren County									
2 NNE Bolton Lndg	29	1240EST 1245EST			0	0			Hail (3.50)
									A public report from Facebook, verified via photographs containing a tape measure, displayed large apple sized hail up to 3.50 inches in diameter from a thunderstorm in North Bolton.
Warren County									
5 NE Bolton Lndg	29	1240EST 1245EST			0	0			Hail (1.50)
									Ping-pong ball sized hail was reported via the Shave project from a thunderstorm about 2 miles northeast of North Bolton.
Saratoga County									
Edinburg Plateau Arp	29	1250EST			0	0			Thunderstorm Wind (50EG)
									Trees and wires were reported down due to thunderstorm winds in Edinburg.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Washington County									
1 SE Huletts Lndg	29	1255EST 1300EST			0	0			Hail (1.75)
									Golf ball size hail was reported during a thunderstorm in Huletts Landing via Facebook.
Saratoga County									
Wilton	29	1341EST 1344EST			0	0			Hail (0.75)
									Penny size hail was reported during a thunderstorm in Wilton.
Saratoga County									
3 SE Dimmick Corners	29	1345EST 1350EST			0	0			Hail (1.75)
									Golf ball sized hail was reported during a thunderstorm in Ballard Corners.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEW YORK, East									
Ulster County									
1 W Pine Hill	29	1500EST 1505EST			0	0			Hail (1.00)
									Quarter size hail was reported during a thunderstorm at the Belleayre Ski Area.
Warren County									
1 ESE Lake George	29	1504EST 1515EST			0	0			Hail (1.75)
									Golf ball size hail was reported during a thunderstorm in Lake George Village.
Warren County									
1 ESE Lake George	29	1510EST 1515EST			0	0			Hail (1.25)
									Half-dollar size hail was reported during a thunderstorm in Lake George Village via Facebook.
Fulton County									
Gloversville	29	1515EST 1520EST			0	0			Hail (1.00)
									Quarter size hail was reported during a thunderstorm in Gloversville.
Montgomery County									
1 N Fultonville	29	1519EST			0	0			Thunderstorm Wind (50EG)
									Trees were reported down along Route 30A just to the south of Fultonville due to thunderstorm winds.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Montgomery County									
2 N Tribes Hill	29	1520EST			0	0			Thunderstorm Wind (50EG)
									One tree was reported down due to thunderstorm winds near Johnstown.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Montgomery County									
1 ENE Tribes Hill	29	1520EST			0	0			Thunderstorm Wind (50EG)
									A tree was reported down and blocking a road in front of the Tribes Hill Fire Department in Tribes Hill due to thunderstorm winds.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Fulton County									
1 NNE Broadalbin	29	1523EST 1525EST			0	0			Hail (1.00)
									Quarter sized hail was reported during a thunderstorm in Broadalbin via a WeatherNet6 spotter report.
Montgomery County									
1 W Cranesville	29	1526EST			0	0			Thunderstorm Wind (50EG)
									Trees were reported down due to thunderstorm winds in Cranesville.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Schenectady County									
1 NE Glenville	29	1530EST			0	0			Thunderstorm Wind (50EG)
									Trees and wires were reported down due to thunderstorm outflow winds in Glenville.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW YORK, East

Saratoga County Galway

29	1535EST				0	0			Thunderstorm Wind (50EG)
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Multiple trees and wires were reported down due to thunderstorm winds in Galway.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Saratoga County 1 NE Komar Park

29	1546EST				0	0			Thunderstorm Wind (50EG)
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Tree tops were reported to be sheared off due to thunderstorm winds at Charlton Heights Elementary School.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Saratoga County 1 N West Milton

29	1550EST 1555EST				0	0			Hail (1.00)
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Quarter size hail was reported during a thunderstorm in West Milton.

Saratoga County 1 N West Milton

29	1550EST				0	0			Thunderstorm Wind (52EG)
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A wind gust was estimated to be about 60 mph during a thunderstorm in West Milton.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Saratoga County 2 N Ballston Spa

29	1551EST 1555EST				0	0			Hail (1.25)
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Half-dollar size hail was reported during a thunderstorm in Factory Village.

Schenectady County 1 E Aqueduct

29	1555EST 1600EST				0	0			Hail (1.00)
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Quarter size hail was reported during a thunderstorm about 1 mile east of Aqueduct.

Schenectady County 1 WNW Hawthorne Hill

29	1557EST 1600EST				0	0			Hail (1.00)
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A broadcast media meteorologist reported quarter size hail (measured) during a thunderstorm in Niskayuna.

Schenectady County Aqueduct

29	1558EST 1600EST				0	0			Hail (1.00)
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Quarter size hail was reported during a thunderstorm in Niskayuna.

Saratoga County 1 E Saratoga Spgs

29	1600EST				0	0			Thunderstorm Wind (50EG)
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Tree limbs were reported down due to thunderstorm winds in Saratoga Springs.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Albany County 2 SSE Loudonville

29	1610EST				0	0			Thunderstorm Wind (50EG)
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Multiple trees were reported down due to thunderstorm winds about 1 mile southwest of Menands.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW YORK, East

Washington County Cambridge

29	1610EST				0	0			Thunderstorm Wind (50EG)
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Trees were reported down due to thunderstorm winds in Cambridge.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Washington County 1 S Salem

29	1610EST				0	0			Thunderstorm Wind (50EG)
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Trees were reported down due to thunderstorm winds in Salem.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Rensselaer County 1 W Wynantskill

29	1620EST				0	0			Thunderstorm Wind (50EG)
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One tree was reported down due to thunderstorm winds in Troy.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Saratoga County 1 W Mechanicville

29	1620EST				0	0			Thunderstorm Wind (50EG)
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Trees were reported down and on wires due to thunderstorm winds in Mechanicville.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Dutchess County 1 NNE Lafayetteville

29	1732EST 1735EST				0	0			Hail (1.00)
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Quarter size hail was reported during a thunderstorm in Lafayetteville.

Dutchess County 1 NW Hammertown

29	1750EST 1805EST				0	0			Hail (1.50)
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Ping-pong ball size hail was reported during a thunderstorm in Pine Plains.

A warm and very humid air mass was in place across eastern New York. As a strong cold front approached, severe thunderstorms developed across much of the region. Strong thunderstorm updrafts allowed for large hail to develop, with one storm producing hail up to 3.50 inches in diameter in Warren County. Thunderstorms also produced damaging wind gusts, with many trees down.

NEW YORK, North

Clinton County West Chazy

16	1310EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny size hail reported.

Clinton County 1 SW Cooperville

16	1310EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail reported.

Clinton County Chazy

16	1321EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail reported.

Essex County 2 SW Wadhams

16	1403EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail reported by mail carrier along route.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEW YORK, North									
Essex County 1 NE Essex	16	1526EST			0	0	0.00K	0.00K	Hail (0.75)
									Penny size hail reported. A cold front and mid-atmospheric disturbance moved across northern New York during the afternoon of May 16th. Scattered thunderstorms developed with a few of them containing hail up to one inch in diameter.
Essex County 1 N Wilmington	29	0340EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Several trees downed along Route 86 near Wilmington. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Essex County 1 W Moriah	29	0625EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
									State police report trees down...just south of town. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Clinton County 2 WNW Cooperville	29	1210EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail reported.
Essex County 1 SW Keene Vly	29	1235EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Trees down on power line. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Essex County 1 E Ticonderoga	29	1303EST			0	0	0.00K	0.00K	Hail (1.75)
									Golf ball size hail reported by Ticonderoga Emergency manager.
Clinton County Plattsburgh	29	1320EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Large temporary wall at construction site of downtown building knocked down during thunderstorm winds. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Essex County 3 S Moriah	29	1327EST			0	0	0.00K	0.00K	Hail (0.88)
									Nickel size hail reported.
Essex County 1 W Moriah	29	1330EST			0	0	0.00K	0.00K	Hail (1.75)
									Golf ball size hail reported.
Clinton County 2 NNE (PLB)Plattsburgh Arp	29	1334EST			0	0	0.00K	0.00K	Hail (0.88)
									Nickel size hail reported.
Franklin County 1 SW Tupper Lake	29	1341EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail reported.
Essex County 1 W Crown Pt	29	1354EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail reported.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW YORK, North

A warm front moved across New York during the pre-dawn hours of May 29th, which lead to numerous thunderstorms with heavy rain, some isolated large hail and strong winds. A warm, humid and unstable air mass was draped across the region in the afternoon with an approaching cold front from Ontario, Canada. Numerous thunderstorms developed ahead of the cold front during the afternoon crossing northern New York. There were several reports of hail greater than an inch in diameter or damaging winds.

NEW YORK, West

Chautauqua County 1 NW Stow

02	1812EST			0	0	10.00K	25.00K	Hail (1.00)
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Chautauqua County 1 SW Bemus Pt

02	1812EST			0	0			Hail (0.75)
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Erie County 1 SW North Collins

02	1851EST			0	0	10.00K	10.00K	Hail (1.00)
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Cattaraugus County 2 NW Elton

02	1925EST			0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
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Law enforcement reported a tree down across the road blocking Delevan-Elton Rd.

A warm front lifted north from the Ohio Valley and brought showers and thunderstorms to the region. Isolated thunderstorms over Southern Erie and Chautauqua County produced hail up to one inch in diameter near Bemus Point and North Collins. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Allegany County 1 NNE Little Genesee

03	1615EST			0	0			Hail (0.75)
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Cattaraugus County 1 S Westons Mills

03	1814EST 1817EST			0	0	15.00K	15.00K	Hail (1.00)
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Chautauqua County 1 SW Bemus Pt

03	2116EST			0	0			Hail (0.75)
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Livingston County 1 SW Avon

03	2147EST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
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Law enforcement reported trees and wires down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Ontario County 1 W Victor

03	2159EST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
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Law enforcement reported trees and wires down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Ontario County East Bloomfield

03	2203EST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
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Law enforcement reported trees and wires down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Ontario County 1 NNE Farmington

03	2205EST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
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Law enforcement reported trees and wires down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEW YORK, West									
Livingston County 2 E Piffard	03	2208EST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Ontario County Bristol	03	2233EST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
Law enforcement reported trees and wires down. An area of showers and thunderstorms moved across the Finger Lakes during the late evening and early overnight hours. The thunderstorms produced damaging downburst winds that knocked down trees and power lines in Avon, Victor, East Bloomfield, Farmington, Bristol and just north of Geneseo. A lightning strike started a house on fire in Victor. The two-story home was a total loss. The four people in the home were able to escape safely. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Jefferson County 1 SW Black River	29	0230EST			0	0	10.00K	0.00K	Hail (1.00)
Lewis County 1 W Port Leyden	29	0535EST			0	0	5.00K	0.00K	Hail (1.00)
Lewis County 1 W Port Leyden	29	0555EST			0	0	5.00K	0.00K	Hail (1.00)
Isolated thunderstorms developed during the overnight hours along a retreating warm front. In Black River, a thunderstorm produced winds which downed trees branches. The falling branches broke several windows in a house. The thunderstorms produced one-inch hail which fell for several minutes in Port Leyden and Black River.									
Erie County 1 W Glenwood	29	1040EST			0	0			Hail (0.88)
Wyoming County 1 N Strykersville	29	1100EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
Law enforcement reported wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Chautauqua County Lakewood	29	1115EST			0	0			Hail (0.88)
Cattaraugus County 1 SW Great Vly	29	1120EST			0	0			Hail (0.75)
Oswego County Palermo	29	1120EST			0	0	10.00K	10.00K	Hail (1.50)
Oswego County 1 S Hastings	29	1120EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Wyoming County 1 NW Warsaw	29	1124EST			0	0	5.00K	5.00K	Hail (1.00)
Chautauqua County Falconer	29	1124EST			0	0	20.00K	20.00K	Thunderstorm Wind (50EG)
Law enforcement reported a treed down on a house. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEW YORK, West									
Oswego County 2 E Suttons Corners	29	1130EST			0	0	10.00K	10.00K	Hail (1.75)
Ontario County South Bristol	29	1131EST			0	0	5.00K	5.00K	Hail (1.00)
Oswego County 1 S Parish	29	1131EST			0	0	5.00K	5.00K	Hail (1.00)
Ontario County South Bristol	29	1131EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Oswego County 1 S Parish	29	1137EST			0	0			Hail (0.88)
Ontario County 1 W Academy	29	1140EST			0	0	5.00K	5.00K	Hail (1.00)
Ontario County 1 NE Phelps	29	1145EST			0	0			Hail (0.88)
Livingston County 1 E Springwater	29	1145EST			0	0	15.00K	15.00K	Thunderstorm Wind (55EG)
									Law enforcement reported power poles and wires down. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.
Cayuga County 1 E Victory	29	1149EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Monroe County 1 E Honeoye Falls Arpt	29	1150EST			0	0			Hail (0.75)
Oswego County 1 S Hastings	29	1150EST			0	0	10.00K	10.00K	Hail (1.75)
Ontario County 1 NE Phelps	29	1150EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Cayuga County 1 SE Ira	29	1154EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Ontario County 1 N Gorham	29	1159EST			0	0	8.00K	8.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
NEW YORK, West									
Ontario County 1 W Victor	29	1210EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Ontario County 1 NNE Farmington	29	1215EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
									The public reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Wayne County 1 S Macedon Center	29	1217EST			0	0	8.00K	8.00K	Thunderstorm Wind (50EG)
									A trained spotter reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Wayne County 1 NE Walworth	29	1222EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Wayne County 3 ESE Marion	29	1227EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Oswego County 2 WSW Caughdenoy	29	1235EST			0	0	5.00K	5.00K	Hail (1.00)
Wayne County 1 E Savannah	29	1247EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Wayne County 1 NE North Rose	29	1247EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Wayne County 1 E Clyde	29	1247EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Wayne County 1 E Wolcott	29	1250EST			0	0	10.00K	10.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees and wires down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Oswego County Constantia	29	1312EST			0	0	8.00K	8.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees down blocking roads. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Oswego County 3 W Hinmansville	29	1322EST			0	0	8.00K	8.00K	Thunderstorm Wind (50EG)
									Law enforcement reported trees down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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NEW YORK, West

Oswego County 1 S Hastings

	29	1332EST			0	0	8.00K	8.00K	Thunderstorm Wind (50EG)
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Law enforcement reported trees down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Lewis County 1 NNW Croghan

	29	1400EST			0	0	8.00K	8.00K	Thunderstorm Wind (50EG)
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Law enforcement reported trees down.

A strong cold front crossed the region bringing an end to oppressive heat and humidity. The front however was accompanied by severe thunderstorms which produced hail up to one-and-three-quarter inches in diameter and damaging winds that downed trees and power lines. Utilities reported tens of thousands without power scattered throughout the region. Only minor structural damage was reported—mainly broken windows and ripped off shingles. There were several automobiles that were damaged by falling trees and limbs. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

NORTH CAROLINA, Central

Person County 1 N Mc Gehees Mill

	01	1530EST			0	0	0.00K	0.00K	Hail (0.75)
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Person County 1 E Woodsdale

	01	1540EST			0	0	0.00K	0.00K	Hail (1.00)
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Person County 2 ENE Cavel

	01	1550EST			0	0	0.00K	0.00K	Hail (1.00)
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Granville County 3 WNW Oak Hill

	01	1607EST			0	0	0.00K	0.00K	Hail (1.25)
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Warren County 1 NNE Oine

	01	1616EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Two trees were reported down south of the Interstate 85 welcome center toward exit 229.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Warren County 2 W Paschall

	01	1617EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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Several trees were reported down just north of the Interstate 85 welcome center.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Warren County 1 SE Elams

	01	1627EST			0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
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Numerous trees were reported down, including some on homes, along Hickory Farm Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Orange County 4 ESE Schley

	01	1715EST			0	0	0.00K	0.00K	Hail (1.00)
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Durham County 4 W Orange Factory

	01	1724EST			0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was reported covering the ground at Oak Forest Drive and Guess Road.

Durham County 3 WSW Orange Factory

	01	1726EST			0	0	0.00K	0.00K	Hail (1.50)
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Ping pong ball sized was reported covering the ground near Guess Road and Milton Road.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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NORTH CAROLINA, Central

Durham County

2 SSW Orange Factory

01	1726EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported at Barclay Drive and Smith Drive.

Durham County

1 SW Fairtosh

01	1735EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported at Cabin Branch Drive and Vintage Hill Parkway.

Durham County

1 E Gorman

01	1751EST				0	0	0.00K	0.00K	Hail (1.00)
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An upper level disturbance tracked across portions of the Mid Atlantic Region and interacted with a moist and unstable low level air mass causing scattered showers and storms to develop across the Northern Piedmont of central North Carolina. Some of these storms became severe and produced damaging winds and large hail.

Wake County

Echo Hgts

04	1727EST				0	0	0.00K	0.00K	Hail (0.75)
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Johnston County

3 ENE Archers Lodge

04	1758EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down across a road near Covered Bridge Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Wilson County

4 S Buckhorn Xrds

04	1832EST				0	0	2.50K	0.00K	Thunderstorm Wind (50EG)
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Several trees and power lines were reported down at 9554 Revell Road, near the Johnston and Wilson County border.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Johnston County

3 ESE Wilsons Mills

04	1836EST				0	0	0.00K	0.00K	Hail (0.75)
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Halifax County

Enfield

04	1902EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down on a mobile home.

A mid level trough axis tracked across central NC and interacted with a moderately unstable atmosphere and produced scattered showers and thunderstorms. A few of these storms became severe along and east of the piedmont trough across the Coastal Plain and Northeast Piedmont. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Durham County

3 ESE Bethesda

05	1337EST				0	0	0.00K	0.00K	Hail (0.88)
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Cumberland County

1 SSW Manchester

05	1705EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down on a house along North Bragg Boulevard. The tree caused minor damage to the house.

A cold front crossed central North Carolina and interacted with a moderately unstable air mass. Scattered showers and thunderstorms developed along and in advance of the front. One thunderstorm became severe and caused damage to a house in Cumberland County, North Carolina. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Randolph County

Redcross

09	1403EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A Few trees were reported down near the intersection of New Salem Road and Bethel Church Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
<u>NORTH CAROLINA, Central</u>									
Randolph County 3 E Mc Laneton	09	1409EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
A few trees were reported down near the intersection of United States Highway 421 and Old Liberty Road.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Randolph County 1 N Liberty	09	1414EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A tree was reported down on a power line near Liberty Grove Road and Richland Church Road.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Orange County 1 NE Orange Grove	09	1447EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
One tree was reported down across the intersection of Orange Grove Road and Dairyland Road.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Orange County 2 E Chapel Hill Wllms Ar	09	1457EST			0	0	2.50K	0.00K	Thunderstorm Wind (50EG)
Several trees were reported down in Chapel Hill, North Carolina.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Orange County 2 SE Chapel Hill	09	1500EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
One 4 inch diameter tree was snapped in half and partially blocking Manning Drive.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Durham County 2 W Few	09	1508EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
Three trees were reported down near High Gate Drive and Hurdle Court.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Durham County 1 SSE Braggtown	09	1510EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
One tree was reported down in the 100 Block of West Knox Street.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Wake County 1 WSW Asbury	09	1514EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
A large oak tree was reported down at Jenks Carpenter and Fryar Creek Roads.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Durham County 1 SSE Fairntosh	09	1515EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
One tree was reported down near Old Oxford Road and Red Mill Road.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Wake County 2 SW Asbury	09	1523EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
One tree was reported on a house at 1119 Ralph Drive.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Central

Wake County 1 E Mc Cullers

09	1535EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Several small trees and branches were blown down or snapped on the Eagle Ridge Golf Course. A vending machine and patio furniture was also blown over.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Wake County 2 SSE Garner

09	1542EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down near Timber Drive and North Carolina Highway 50.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Wake County 1 NNW Wyatt

09	1545EST				0	0	5.00K	0.00K	Lightning
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A house was struck by lightning and caught on fire on Canolder Street.

Sampson County 4 NE Mc Daniels

09	1625EST 1637EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Four trees were blown down around the Clinton area.

A cold front moved into central North Carolina and interacted with an unstable air mass to produce scattered showers and thunderstorms. Some of these storms became strong to severe across portions of the Piedmont and Coastal Plain of central North Carolina. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Richmond County 3 SE Diggs 3 W Osborne

14	1155EST 1158EST		1.98	100	0	0	100.00K	0.00K	Tornado (EF1)
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At approximately 12:55 pm a weak and very brief tornado touched down in a forested area about 8.5 miles southwest of Rockingham and produced a small area of tree damage which included uprooted and snapped pine trees. The next area of damage along the discontinuous damage path was about one-tenth of a mile to the northeast of the first touchdown. Much of the damage in this area was minor and included roof covering and shingle damage and broken tree limbs. There was a small area of enhanced damage that included numerous snapped and downed trees, a carport that was lifted and tossed approximately 250 yards, a small tin and aluminum framed garage that was leveled and significant damage to the roof of a single story home, with a loss of approximately 30 percent of its roof. Numerous windows were also broken and the vinyl siding on one side of the home was completely stripped. This damage was consistent with wind speeds of approximately 90 mph. The width of the damage path was approximately 100 yards at this location.

The tornado then appeared to lift and the final touchdown and notable damage area was located approximately 6.8 miles south-southwest of Rockingham. Damage in this area included a significant swath of downed and snapped pine trees. The tornado then lifted at approximately 12:58 pm. In addition to the brief tornado touch down along the 2 mile path, there was some minor straight-line wind damage along or near the path.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Central



Rockingham EF-1 Tornado damage. May 16, 2012.

Scotland County 1 ENE Sneads Grove

14	1255EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down blocking Old Wire Road near United States Highway 501.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Scotland County 1 N Laurel Hill

14	1255EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down near Old Wire Road and Crest Mill Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Forsyth County Lewisville

14	1910EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down on Lagrande Place Blocking Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Forsyth County Easton View

14	1920EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down on Williams Drive.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Forsyth County 1 S Walkertown

14	1935EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down on Williston Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Forsyth County 2 SE Walkertown

14	1935EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down on Darrow Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Forsyth County Kernersville

14	1945EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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Multiple trees were reported down in Kernersville, North Carolina.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Central

Forsyth County

1 W Winston Salem	14	1946EST			0	0	0.00K	0.00K	Flash Flood
1 WNW Cityview		2215EST							

Two to three feet of water was reported over some roads and parking lots in downtown Winston-Salem, North Carolina near Business Highway 40. Some cars were reported to be partly submerged.

Forsyth County

2 ENE Pfafftown	14	1950EST			0	0	0.00K	0.00K	Flash Flood
		2150EST							

Two feet of water was reported over Claredon Avenue.

Forsyth County

2 SE Bethania	14	2015EST			0	0	0.00K	0.00K	Flash Flood
		2215EST							

Up to two feet of water was reported inside of businesses along Reynolda Road.

Davidson County

1 N Thomasville	14	2018EST			0	0	0.00K	0.00K	Hail (0.88)
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Nickel size hail was reported near Thomasville, North Carolina on North Carolina Highway 109.

Forsyth County

2 SSE Pfafftown	14	2030EST			0	0	5.00K	0.00K	Flash Flood
		2215EST							

Hilltop Drive was closed due to flash flooding as the culvert failed resulting in 30 feet of asphalt washing away.

Randolph County

1 SW Dogwood Acres	14	2035EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down on Old Lexington Road.
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Randolph County

1 E Asheboro Hinshaw Arp	14	2040EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down on Alred Road.
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Randolph County

1 WSW Asheboro Muni Arpt	14	2050EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down at the intersection of Tott Hill Farm Road and Lucy Lane.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

NCZ039

Randolph

14	2350EST				0	0	10.0K	0.00K	Strong Wind
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Davidson County

1 NW Old Mill	15	0100EST			0	0	0.00K	0.00K	Flood
		0430EST							

The bridge on Hampton Road crossing Muddy Creek had water flowing over it.

A broad upper level trough was in place over the southern Appalachians. A series of low amplitude disturbances embedded in the southwesterly flow aloft moved northeast across the area. Strong to severe convection developed in the moist and increasingly unstable airmass. An isolated supercell produced a brief EF-1 tornado in Richmond County, before morphing into a bow-line segment as it moved east across the Sandhills and southern Coastal Plain counties through the early afternoon.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
NORTH CAROLINA, Central									
Johnston County 4 S Princeton	15	1609EST			0	0	0.00K	0.00K	Hail (1.00)
Wilson County 3 SSW Wilson Arpt	15	1656EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail was reported along Airport Boulevard near Merch Road.
Franklin County 3 W Raynor	15	1850EST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									A Franklin County Airport employee reported that a thunderstorm wind gust, estimated up to 60 miles per hour, blew a parked aircraft off its pad and displaced it several feet away. The aircraft landed upright and no damage was noted to it.
									Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Franklin County 2 SSE Louisburg	15	1859EST			0	0	0.00K	0.00K	Hail (0.75)
									A slow moving cold front moved across portions of central North Carolina along with a series of embedded shortwave troughs aloft in the broad cyclonic flow aloft to produce scattered showers and thunderstorms across the Eastern Piedmont and Coastal Plain. Some of these storms became severe and produced damaging wind gusts and large hail.
Wake County 2 ENE Holly Spgs	17	1535EST			0	0	0.00K	0.00K	Hail (0.88)
									Nickel size hail was reported near the Sunset Ridge Neighborhood.
									Showers and thunderstorms developed along a weakening cold front and subtle shortwave trough aloft. One storm became strong and produced nickel size hail near Holly Springs, North Carolina.
Richmond County 1 N Rockingham Hamlet Ar	22	1245EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter sized hail was reported near Airport Road.
Richmond County 1 SW Knob Hill	22	1259EST			0	0	0.00K	0.00K	Hail (0.75)
									Dime sized hail was reported near East Washington Road.
Harnett County 4 SSW Boone Trail	22	1343EST			0	0	0.00K	0.00K	Hail (0.75)
									Penny sized hail was reported near McDougald Road.
Harnett County 4 SSW Boone Trail	22	1345EST			0	0	0.00K	0.00K	Hail (0.75)
									Penny sized hail was reported near the intersection of McDougald Road and Taras Lane.
Randolph County 1 NE Whynot	22	1422EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
									A large portion of a tree was reported down just off of United States Highway 220.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Sampson County 1 SSW Concord	22	1430EST			0	0	0.00K	0.00K	Hail (0.75)
									Dime sized hail was reported near Roseboro Highway.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Central

Chatham County

3 N Goldston

22 1505EST 0 0 0.00K 0.00K Hail (1.00)

Quarter sized hail was reported near North Carolina Highway 902.

Harnett County

2 E Dunn

22 1505EST 0 0 0.00K 0.00K Hail (1.00)

Quarter sized hail was reported along Carolina Drive.

Harnett County

4 ENE Dunn

22 1514EST 0 0 0.00K 0.00K Hail (0.88)

Nickel sized hail was reported along Interstate 95 near mile marker 77.

Johnston County

4 SSE Benson

22 1518EST 0 0 0.00K 0.00K Hail (0.75)

Dime sized hail was reported near North Carolina Highway 242.

Johnston County

1 W Peacocks Xrds

22 1527EST 0 0 0.00K 0.00K Hail (1.00)

Quarter sized hail was reported near the intersection North Carolina Highway 50 and 96.

Johnston County

3 NE Blackman Xrds

22 1535EST 0 0 0.00K 0.00K Hail (1.00)

Quarter sized hail was reported near Webb Mill Road.

Johnston County

4 E Blackman Xrds

22 1538EST 0 0 0.00K 0.00K Hail (1.00)

Quarter sized hail was reported at United States Highway 701 and Stricklands Crossroads Road.

Sampson County

1 E Clement

22 1550EST 0 0 0.00K 0.00K Hail (1.00)

Quarter sized hail was reported near Maxwell Road.

Johnston County

1 ESE Princeton

22 1623EST 0 0 0.00K 0.00K Hail (1.00)

Quarter sized hail was reported at North Center Street and Doctor Donnie Jones Junior Boulevard.

Johnston County

2 W Rains Xrds

22 1625EST 0 0 0.00K 0.00K Hail (0.75)

Penny sized hail was reported covering the ground near Rains Crossroads Road.

Durham County

1 WSW Durham Skypark Arpt

22 1634EST 0 0 0.00K 0.00K Hail (1.00)

Quarter sized hail was reported covering the ground along Interstate 85 near mile marker 184.

Granville County

1 WNW North Side

22 1650EST 0 0 0.00K 0.00K Hail (0.75)

Penny sized hail was reported near Interstate 85 at mile marker 186.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Central

Stanly County

1 SW Halls Ferry Jct	22	1832EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down on Old Salisbury Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Stanly County

1 ENE New London	22	1835EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down on Herlocker Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Richmond County

1 SE Roberdel	22	1838EST			0	0	2.50K	0.00K	Thunderstorm Wind (50EG)
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Four trees were reported down in the Roberdell area of Rockingham.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Richmond County

1 NE Rockingham	22	1839EST			0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was reported in downtown Rockingham.

Forsyth County

2 ESE Lewisville	22	1950EST			0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was reported near United States Highway 421 near exit 242.

Forsyth County

1 SW Winston Jct	22	1953EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down on Robinhood Road and one tree was reported down on Buena Vista Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Randolph County

2 NE Farmer 1 SSE Asheboro Muni Arpt	22	1955EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Numerous trees were reported down across southwestern portions of Randolph County.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Stanly County

2 NNE Albemarle 2 SE Halls Ferry Jct	22	2056EST 2125EST			0	0	0.00K	0.00K	Flash Flood
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Flooding was reported on Lowder Road near United States Highway 52.

A deepening upper level trough coupled with a surface trough and warm moist low level air mass across central North Carolina caused scattered to numerous showers and thunderstorms to develop. Some of these storms became severe producing large hail and damaging winds, along with flash flooding.

Sampson County

1 SW Rosin Hill	23	1323EST			0	0	0.00K	0.00K	Hail (0.75)
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Sampson County

1 WSW Mc Clam Xrds	23	1345EST			0	0	0.00K	0.00K	Hail (1.00)
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Johnston County

1 E Four Oaks	23	1358EST			0	0	0.00K	0.00K	Hail (1.00)
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Moore County

2 ESE Mt Pleasant	23	1407EST			0	0	0.00K	0.00K	Hail (0.75)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
NORTH CAROLINA, Central									
Cumberland County 2 NNW Bonnie Doone	23	1418EST			0	0	0.00K	0.00K	Hail (0.75)
Harnett County 3 WSW Johnsonville	23	1437EST			0	0	0.00K	0.00K	Hail (1.00)
									Nickel to quarter size hail was reported at Mckoy Town Road and Chatman Lane.
Johnston County 2 NNW Coats Xrds	23	1438EST			0	0	0.00K	0.00K	Hail (0.75)
Johnston County 2 NNW Coats Xrds	23	1440EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail was reported near Interstate 40 at exit 319.
Johnston County 4 NE Drug Store	23	1450EST			0	0	0.00K	0.00K	Hail (1.75)
Johnston County 2 W Clayton	23	1450EST			0	0	5.00K	0.00K	Hail (1.75)
									Golf ball size hail was reported near Guy road. Some cars received minor hail damage from the hail.
Johnston County 2 WNW Clayton	23	1458EST			0	0	0.00K	0.00K	Hail (1.75)
									Golf ball size hail was reported near Tower Road at Guy Road.
Wake County 2 ENE Auburn	23	1500EST			0	0	0.00K	0.00K	Hail (1.25)
Wake County 1 N Auburn	23	1500EST 1510EST			0	0	0.00K	0.00K	Hail (1.25)
									Half dollar size hail was reported at the intersection of United States Highway 70 and Raynor Road.
Wake County 1 WNW Auburn	23	1502EST			0	0	0.00K	0.00K	Hail (1.25)
									Half dollar size hail was reported near Business 70 at Jog Road.
Johnston County 3 NNW Clayton	23	1505EST			0	0	0.00K	0.00K	Hail (1.00)
Moore County 2 WSW Southern Pines Arpt	23	1507EST			0	0	0.00K	0.00K	Hail (0.75)
Moore County 1 WSW Pinehurst	23	1508EST			0	0	0.00K	0.00K	Hail (1.75)
									Golf ball size hail was reported at Linden Road and Chicken Plant Road.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Central

Moore County
Southern Pines

23	1514EST				0	0	0.00K	0.00K	Hail (1.00)
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Moore County
1 S Vass

23	1515EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down across Aiken Road.
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Wake County
1 NNE Starmount

23	1538EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported near Fox Road.

Wake County
1 N Pet Xrds

23	1540EST				0	0	0.00K	0.00K	Hail (1.00)
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Nickel to quarter size hail was reported along Buffalo Road.

Wake County
1 SSE Wyatt

23	1542EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A flag pole was bent in half at Capital Boulevard and Burlington Mills Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Wake County
1 ENE Starmount

23	1545EST				0	0	0.00K	0.00K	Hail (1.00)
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Wake County
1 NNW Forestville

23	1603EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported at North Carolina Highway 98 and United States Highway 1.

Wake County
1 SW Royal Mills

23	1605EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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One tree was reported down across United States Highway 1 and Jenkins Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Sampson County
4 NNW Spiveys Corner

23	1610EST				0	0	0.00K	0.00K	Hail (1.25)
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Franklin County
1 W Franklinton

23	1629EST				0	0	0.00K	0.00K	Hail (0.88)
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Vance County
1 ESE Kittrell

23	1645EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported near Buffalo Mill Road.

Edgecombe County
1 ENE Gethsemane

23	1715EST				0	0	0.00K	0.00K	Hail (0.88)
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Halifax County
2 SE Glenview

23	1735EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A couple of trees were reported down along Interstate 95 near mile marker 152.5.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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NORTH CAROLINA, Central

Halifax County 2 E Heathsville

23	1805EST				0	0	0.00K	0.00K	Hail (0.75)
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Dime size hail was reported covering the ground near Interstate 95 at mile marker 160.

Edgecombe County 1 W Speed

23	1853EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported at the Post Office in Speed, North Carolina.

Edgecombe County Rocky Mt

23	2000EST				0	0	0.00K	0.00K	Flash Flood
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A car was reported to be stranded at Nugent Road and Drew Street and the intersection was closed. Water was reported on other roads around Rocky Mount, North Carolina, including Kingston Avenue at Sutton Road.

Daytime heating combined with a deep area of low pressure aloft to produced scattered to numerous showers and thunderstorms. Some of these showers and storms became strong to severe and produced large hail and damaging winds.

Franklin County 1 NE Louisburg

24	1600EST 1645EST				0	0	0.00K	0.00K	Flash Flood
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Industrial Drive was closed due to water covering the road.

Franklin County 1 NE Louisburg

24	1600EST 1645EST				0	0	0.00K	0.00K	Flash Flood
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High water closed the intersection of North Carolina Route 561 and United States Highway 401.

Isolated to widely scattered showers and thunderstorms developed along an axis of weak surface convergence across the Northeast Piedmont and Coastal Plain. Several of these storms continuously redeveloped in the same area and produced localized flash flooding in Franklin County, North Carolina.

NORTH CAROLINA, Central Coastal

Tyrrell County 1 WSW Legion Beach

01	1915EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Tyrrell County 911 center reported trees down with power outages and pea size hail on Legion Beach Road and Riverneck Road near Legion Beach.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Tyrrell County Travis

01	1917EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Tyrrell County 911 center reported trees down on Chapel Hill Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Beaufort County 1 SE Pike Road

02	1734EST				0	0	0.00K	0.00K	Hail (0.88)
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Media relayed report of nickel size hail at the intersection of Pike Road and Candy Field Road.

Beaufort County 2 NE Belhaven

02	1910EST				0	0	0.00K	0.00K	Hail (0.88)
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Public reported dime to nickel size hail at the Food Lion near Belhaven.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Central Coastal

Beaufort County 1 NE Belhaven

02	1917EST				0	0	0.00K	0.00K	Hail (1.00)
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Public reported quarter size hail along East Water Street.
Two weak upper level disturbances crossed through northeastern North Carolina during the early evening hours of May 1st and May 2nd, 2012. A few severe storms occurred which produced downed trees and large hail.

Onslow County 1 N Bell Fork

05	1835EST				0	0	0.00K	0.00K	Hail (0.88)
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Public reported nickel size hail.
A weak upper level disturbance crossed eastern North Carolina during the afternoon hours on May 5th, 2012.

Jones County 3 W Hargetts

09	1714EST				0	0	0.00K	0.00K	Funnel Cloud
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Trained spotter reported a funnel cloud near the intersection of Kirby Thigpen Road and Al Tyler Road looking towards Potters Hill.
A weak upper level disturbance crossed eastern North Carolina during the afternoon hours on May 9th, 2012.

Craven County 1 NNE Vanceboro

16	1345EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Craven County emergency manager reported trees down on power lines along Highway 118 just west of Vanceboro.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Craven County 5 N Vanceboro

16	1352EST				0	0	0.00K	0.00K	Hail (1.00)
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Public reported one inch hail near Oakgrove Road north of Vanceboro.

Craven County 1 E Vanceboro

16	1353EST				0	0	0.00K	0.00K	Hail (0.75)
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Craven county emergency management reported dime size hail along Highway 43 North and Butler Ford Road.

Beaufort County 1 N Old Ford

16	1430EST				0	0	0.00K	0.00K	Hail (1.25)
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Beaufort County emergency manager reported quarter to half dollar size hail with wind gusts estimated at 40 to 50 miles per hour.

Beaufort County 1 N Old Ford

16	1432EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Local official reported a large tree down on Highway 17 near the Martin-Beaufort county line. Dime size hail was also reported.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Beaufort County 2 WSW Pinetown

16	1440EST				0	0	0.00K	0.00K	Hail (1.00)
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Beaufort County emergency manager reported quarter size hail near Pinetown.

Martin County 7 SSE Williamston Hrns Arp

16	1450EST				0	0	0.00K	0.00K	Hail (0.75)
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Martin County emergency management reported pea to dime size hail in the Farmlife Community of southern Martin County.

An upper level disturbance crossed eastern North Carolina during the afternoon hours on May 16th, 2012. A few thunderstorms became severe and produced damaging wind gusts and hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Central Coastal

Duplin County

1 N Rose Hill

22 1240EST 0 0 0.00K 0.00K Hail (0.75)

Public reported dime size hail on Highway 117.

Onslow County

1 S Gum Branch

22 1326EST 0 0 0.00K 0.00K Thunderstorm Wind (50EG)

Public reported trees down along Rhodestown Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Lenoir County

1 ESE Hugo

22 1400EST 0 0 0.00K 0.00K Hail (0.75)

Public reported penny size hail.

Pitt County

Hams Xrds

22 1500EST 0 0 0.00K 0.00K Hail (0.88)

Public reported nickel size hail.

Beaufort County

1 S Yeatesville

22 1520EST 0 0 0.00K 0.00K Hail (0.75)

Public reported penny size hail with heavy rain.

Hyde County

2 ESE Sladesville

22 1615EST 0 0 0.00K 0.00K Hail (0.75)

Public reported penny size hail.

Dare County

1 W Kitty Hawk

23 1500EST 0 0 0.00K 0.00K Hail (0.75)

Public reported penny size hail.

Pitt County

1 SE Grimesland

23 1614EST 0 0 0.00K 0.00K Hail (1.00)

Public reported nickel to quarter size hail.

Pitt County

1 SE Hams Xrds

23 1620EST 0 0 0.00K 0.00K Hail (1.00)

Amateur radio reported dime to quarter size hail with winds estimated greater than 50 mph.

Beaufort County

2 WNW Alligoods

23 1628EST 0 0 0.00K 0.00K Hail (0.88)

Beaufort County emergency management reported dime to nickel size hail on Cherry Road.

Beaufort County

1 S Washington Arprt

23 1715EST 0 0 0.00K 0.00K Hail (1.00)

Law enforcement reported quarter size hail at the Sheriff's Office.

Beaufort County

1 S Chocowinity

23 1715EST 0 0 0.00K 0.00K Hail (0.88)

Law enforcement reported nickel size hail.

Pitt County

1 E Winterville

23 1719EST 0 0 0.00K 0.00K Hail (0.88)

Public reported nickel size hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Central Coastal

Pitt County

2 ENE Bell Fork 23 1721EST 0 0 0.00K 0.00K Hail (1.00)

Public reported nickel to quarter size hail on Willow Run Drive in Greenville.

Beaufort County

1 WNW Pineville 23 1725EST 0 0 0.00K 0.00K Hail (0.88)

Public reported nickel size hail.

Pitt County

1 SSE Greenville 23 1725EST 0 0 0.00K 0.00K Hail (1.00)

Public reported quarter size hail.

Pitt County

1 SSE Greenville 23 1731EST 0 0 0.00K 0.00K Flood

Public reported street flooding in Greenville.

Pitt County

1 SSE Greenville 23 1731EST 0 0 0.00K 0.00K Hail (0.88)

Public reported nickel size hail.

Pitt County

3 NE Bell Fork 23 1735EST 0 0 0.00K 0.00K Thunderstorm Wind (50EG)

Public reported light poles leaning at a 45 degree angle.
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Beaufort County

**1 S Washington Arpt
Washington** 23 1744EST 0 0 0.00K 0.00K Flood

Public reported road way covered with water up to 10 inches deep near intersection of Highway 264 and Highway 17.

Martin County

1 E Williamston 23 1744EST 0 0 0.00K 0.00K Hail (0.75)

Public reported penny size hail.

Martin County

3 NNE Williamston 23 1747EST 0 0 0.00K 0.00K Hail (0.75)

Public reported penny size hail.

Martin County

3 NNE Williamston 23 1749EST 0 0 0.00K 0.00K Hail (1.00)

Public reported quarter size hail.

Pitt County

1 SSE Greenville 23 1751EST 0 0 0.00K 0.00K Hail (0.75)

Public reported penny size hail.

Pitt County

1 E Winterville 23 1755EST 0 0 0.00K 0.00K Hail (1.00)

Public reported quarter size hail.

Pitt County

1 SSE Greenville 23 1759EST 0 0 0.00K 0.00K Hail (1.00)

Public reported quarter size hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Central Coastal

Pitt County

1 SSE Greenville 23 1803EST 0 0 0.00K 0.00K Hail (1.00)
Public reported quarter size hail.

Pitt County

1 SSE Greenville 23 1804EST 0 0 0.00K 0.00K Hail (1.00)
Public reported quarter size hail.

Pitt County

1 NW Bell Fork 23 1815EST 0 0 0.00K 0.00K Flood
Three motorists stranded in high water between Arlington Blvd. and Red Banks Road.

Pitt County

1 WNW Bell Fork 23 1824EST 0 0 0.00K 0.00K Flood
One motorist stranded in high water between Arlington Blvd. and Steinberg Road.

Pitt County

1 S Greenville 23 1843EST 0 0 0.00K 0.00K Flood
Motorist stranded due to high water near the intersection of Albemarle Ave. and Virginia Street.

Pitt County

1 SE Greenville 23 1856EST 0 0 0.00K 0.00K Flood
Motorist stranded in high water between 1st and 3rd Street.

Pitt County

1 NW Haddocks Xrds
1 WNW Mc Gowans Xrds 24 0029EST 0 0 0.00K 0.00K Flood
Pitt County 911 center reported stranded cars due to flooding near Winterville on Old Tar Road and County Home Road.

Pitt County

1 SSW Mc Gowans Xrds 24 0500EST 0 0 0.00K 0.00K Heavy Rain
CoCoRaHS observer reported 5.71 inches of rain in the past 24 hours.

Pitt County

1 NNW Bell Fork 24 0530EST 0 0 0.00K 0.00K Heavy Rain
CoCoRaHS observer reported 5.62 inches in the last 24 hours.

Pitt County

2 WNW Quinerly 24 0530EST 0 0 0.00K 0.00K Heavy Rain
CoCoRaHS observer reported 1.40 inches in the past 24 hours.

Pitt County

1 S Bell Fork 24 0530EST 0 0 0.00K 0.00K Heavy Rain
CoCoRaHS observer reported 5.54 inches in the past 24 hours.

Pitt County

2 W Winterville 24 0600EST 0 0 0.00K 0.00K Heavy Rain
CoCoRaHS observer reported 3.18 inches in the past 24 hours.

Pitt County

1 SW Mc Gowans Xrds 24 0600EST 0 0 0.00K 0.00K Heavy Rain
CoCoRaHS observer reported 5.63 inches in the past 24 hours.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
NORTH CAROLINA, Central Coastal									
Pitt County 2 NNE Arthur	24	0600EST			0	0	0.00K	0.00K	Heavy Rain
CoCoRaHS observer reported 2.41 inches in the past 24 hours.									
Pitt County 2 ESE Bell Fork	24	0630EST			0	0	0.00K	0.00K	Heavy Rain
CoCoRaHS observer reported 5.73 inches in the past 24 hours.									
An upper level low pressure system persisted across eastern North Carolina on May 22nd and 23rd, 2012. The trough aloft combined with a weak surface front across central North Carolina to produce a few severe thunderstorms with damaging wind gusts and hail.									
Onslow County 2 ESE Folkstone	30	0900EST			0	0	0.00K	0.00K	Heavy Rain
CoCoRaHS observer reported 0.92 inches in an hour and a half with heavy ponding on nearby roads.									
Carteret County 1 N Truttnes Lndg	30	0934EST 0936EST	0.57	250	0	0	600.00K	0.00K	Tornado (EF1)
Confirmed EF1 tornado with winds of 110 mph touched down 1.5 miles west of Peletier. The tornado tracked west-northwest for about 1/2 mile then lifted near the White Oak River. Approximately 67 homes were damaged, most minor, however 3 mobile homes and a garage were completely destroyed. No injuries or fatalities were reported.									
Carteret County 1 WNW Atlantic	30	1010EST			0	0	0.00K	0.00K	Funnel Cloud
Carteret County Sheriff reported a funnel cloud near Cedar Island Road in Atlantic.									
Beaufort County 1 S Washington Arpt 2 NE Beckwith	30	1130EST			0	0	0.00K	0.00K	Flood
Many roads across the county were flooded with water over the roads.									
Craven County 3 WSW Cherry Pt Usnr	30	1215EST			0	0	0.00K	0.00K	Heavy Rain
CoCoRaHS observer reported 2.46 inches of rain as of early afternoon.									
Hyde County 2 ESE Sladesville	30	1251EST			0	0	0.00K	0.00K	Heavy Rain
Trained Spotter reported 4.6 inches of rain.									
Carteret County 1 NW Newport	30	1254EST			0	0	0.00K	0.00K	Heavy Rain
National Weather Service Weather Forecast Office in Newport observed 3.38 inches of storm total rainfall.									
Carteret County 1 E Camp Glenn	30	1255EST			0	0	0.00K	0.00K	Heavy Rain
National Weather Service Employee reported 2.45 inches of rain as of early afternoon.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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NORTH CAROLINA, Central Coastal

Hyde County

2 ESE Sladesville 30 1440EST 0 0 0.00K 0.00K Heavy Rain

County official reported 6.0 inches of rain in Sladesville.

Dare County

1 SW Nags Head 30 1534EST 0 0 0.00K 0.00K Flood

Flood water 2 to 4 feet deep in a parking lot in Nags head. Water was up to the hood of a car.

Dare County

Kill Devil Hills Arp 30 1538EST 1547EST 0 0 0.00K 0.00K Flood

Garage flooded in Kill Devil Hills. Water was 6 inches deep in the garage.

Dare County

1 NNW Kill Devil Hills Arp 30 1600EST 0 0 0.00K 0.00K Heavy Rain

CoCoRaHS observer reported 6.19 inches of rain in the past 24 hours with gusty winds and flooding which partially closed area roads.

Dare County

2 SSE Kitty Hawk 30 1606EST 0 0 0.00K 0.00K Flood

CoCoRaHS observer reported 6.74 inches of storm total rainfall. Roads and properties were reported flooded with a foot or more of water. Ditches were reported full and overflowing with southbound lanes of Highway 12 impassable in Kitty Hawk.

Beaufort County

2 S Pungo 30 1630EST 0 0 0.00K 0.00K Flood
6 NE Old Ford

Many roads flooded and impassable across eastern Beaufort County.

Tropical Depression Beryl tracked northeast just offshore of the North Carolina coast on May 30th 2012. Beryl produced widespread heavy rain across the region with some flooding. One tornado also touched down in Carteret county damaging many homes.

NORTH CAROLINA, North Coastal

Northampton County

3 WNW Henrico 01 1637EST 0 0 2.00K 0.00K Thunderstorm Wind (50EG)

Trees were downed on Timberline Drive.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Gates County

2 NE Eason Xrds 01 1815EST 1 0 2.00K 0.00K Thunderstorm Wind (50EG)

Tree was downed on a vehicle on Middle Swamp Road. A man was killed when the tree fell on his car. M21VE

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Gates County

4 ESE Acorn Hill 01 1830EST 0 0 2.00K 0.00K Thunderstorm Wind (50EG)

Several trees were downed across eastern Gates county.

Scattered severe thunderstorms in advance of a cold front produced damaging winds across portions of northeast North Carolina. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Bertie County

1 W Quitsna 23 1805EST 0 0 0.00K 0.00K Hail (2.00)

Hen egg size hail was reported.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, North Coastal

Hertford County

1 SW Ahoskie Jernigan Arp	23	1855EST			0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported.

Gates County

1 W Eure	23	1930EST			0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported.

Scattered severe thunderstorms in advance of a frontal boundary produced large hail across portions of northeast North Carolina.

NORTH CAROLINA, Northwest and North Central

Stokes County

5 NNW Volunteer	01	1420EST			0	0			Hail (1.00)
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Quarter size hail was reported on McDaniel Road, just south of Westfield.

Stokes County

3 NNW Volunteer	01	1425EST			0	0			Hail (1.75)
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Golfball size hail was reported near the intersection of Mitchell Road and Wilson Road.

Stokes County

2 NNE Volunteer	01	1430EST			0	0			Hail (0.75)
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Penny size hail was reported along Oscar Frye Road.

Stokes County

1 SE Walnut Cove	01	1500EST			0	0			Hail (1.75)
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Surry County

2 WNW Fairview	01	1511EST			0	0			Hail (1.00)
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A few quarter size hailstones were mixed together with dime to nickel size hail.

Wilkes County

2 S Clingman	01	1511EST			0	0			Hail (1.00)
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Quarter size hail was reported by an ambulance traveling on U.S. Route 421, south of Ronda.

Yadkin County

2 E Courtney	01	1612EST			0	0			Hail (1.00)
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An employee at Courtney Elementary School reported quarter size hail at the school.

Surry County

1 N State Rd	01	1635EST			0	0			Hail (0.75)
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Penny size hail was reported covering the ground along State Road.

Surry County

1 N Mt Airy Surry Co Arp	01	1718EST			0	0	1.00K		Thunderstorm Wind (50EG)
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Two trees were blown down on Reeves Mill Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Surry County

1 NNW Bannertown	01	1718EST			0	0	1.00K		Thunderstorm Wind (50EG)
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Two trees were blown down on Hamburg Street.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
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NORTH CAROLINA, Northwest and North Central

The day started off with a decaying high pressure wedge situated across the piedmonts of Virginia and North Carolina, while a warm front was making its way northward across Kentucky into the mountains of Virginia and North Carolina. A strong upper level disturbance moved eastward along the warm front from Kentucky into the mountains during the early part of the afternoon. Several strong to severe thunderstorms developed by mid afternoon as the disturbance moved east of the Blue Ridge Mountains, interacting with unstable air due to strong daytime heating. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Ashe County

1 SE Warrentsville

03	1300EST			0	0				Hail (0.88)
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Nickel size hail was observed at the Ashe County Middle School.

Severe thunderstorms developed during the afternoon and evening across portions on North Carolina on May 3rd, 2012. These storms were the result of an upper level disturbance moving northward from the Gulf of Mexico, bringing large amounts of tropical moisture into the area. The abundant moisture, when combined with afternoon temperatures warming into the mid and upper 80s and upslope flow across the mountains, allowed some of the storms to produce large hail.

Stokes County

1 WNW Poplar Spgs

08	2005EST 2205EST			0	0	0.00K	0.00K		Flood
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Eight to twelve inches of water was observed flowing across Mountain View Road.

Surry County

3 S Woodville

2 SE Mt Airy Surry Co Arp

08	2130EST								
09	0100EST			0	0	0.00K	0.00K		Flash Flood

Several roads were washed out and closed by flooding associated with heavy rain. Flooding also required two homes to be evacuated.

A cold front entering the Ohio River Valley triggered scattered thunderstorms across portions of northern North Carolina. The mountains received the heaviest rainfall, where one to two inch rainfall amounts were common, with locally higher amounts. Several of these storms were slow moving, resulting in prolonged locally heavy rainfall which caused a few road closures.

Wilkes County

2 NNW Millers Creek

14	1645EST			0	0	0.50K	0.00K		Lightning
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Lightning caused structural damage to a storage shed along Highway 16 in the Millers Creek community.

Wilkes County

2 WNW Wilkes Co Arpt

14	1653EST 1656EST			0	0				Hail (1.00)
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Nickel to quarter size hail was observed beginning at 5:53 PM EDT and ending at 5:56 PM EDT at the intersection of Congo Road and Winkler Mill Road, as well as along Highway 421.

Wilkes County

1 WNW Wilkes Co Arpt

14	1653EST			0	0	1.00K			Thunderstorm Wind (50EG)
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Two trees were blown down near the intersection of Congo Road and Winkler Mill Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Wilkes County

1 NW Wilkes Co Arpt

14	1700EST			0	0	0.00K	0.00K		Hail (0.88)
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Wilkes County

1 NW Wilkes Co Arpt

14	1705EST 1900EST			0	0	3.00K	0.00K		Flash Flood
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Six to eight inches of water was observed flowing over a bridge on Congo Road. The swift movement of the water swept one car off the roadway into a nearby ditch.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Northwest and North Central

Yadkin County

1 N Huntsville

14	1856EST				0	0	2.00K	0.00K	Flash Flood
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Water was observed flowing over a bridge on Dinkins Bottoms Road, bringing down multiple trees due to the strong flow of the water.

A slow moving upper level low pressure system moving across the Tennessee Valley triggered widespread showers and thunderstorms along the Blue Ridge Mountains of North Carolina and Virginia. A few storm became severe in North Carolina, where atmospheric instability was greatest. The ground was observed to be saturated in many areas along the Blue Ridge from rainfall during previous days, which helped to enhance the flooding threat.

Alleghany County

3 NNE Twin Oaks

15	1600EST				0	0	0.00K	0.00K	Flash Flood
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Fighting Creek was overflowing its banks along U.S. Highway 21 North.

Ashe County

1 WSW Baldwin

15	1700EST				0	0	0.00K	0.00K	Flash Flood
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Call Creek was overflowing its banks along Tracey Road.

Surry County

1 N Mt Airy

15	1730EST				0	0			Hail (0.88)
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Nickel size hail was observed on Hickory Street.

An upper level disturbance moved from West Virginia across the mountains of Virginia and North Carolina triggering isolated strong to severe thunderstorms. Upper level winds across the region were light, resulting in slow thunderstorm movement. Prolonged periods of heavy rain falling from these storms resulted in isolated flash flooding along the Blue Ridge Mountains.

NORTH CAROLINA, South Coastal

Columbus County

1 ENE Chadbourn

09	1500EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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A tree was reported down across Chadbourn Highway and Peacock Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Columbus County

6 NNW Whiteville

09	1503EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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A tree was reported down on Bill Hooks Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Columbus County

6 W Rico

09	1504EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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A tree was reported down on Wooten's Store Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Bladen County

2 ESE Ammon

09	1600EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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Two trees were reported down along Old Fayetteville Road.

A surface cold front, approaching from the west, provided the necessary lift to spark convection. Instability was a limiting factor. Thunderstorms did organize into a broken line ahead of the cold front and a couple storms did pulse to severe levels. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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NORTH CAROLINA, South Coastal

Brunswick County

Bowen Pt

14	1755EST 1756EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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A large tree was reported down across Mary Sheldon Drive SW.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Brunswick County

1 NW Bowen Pt

14	1826EST 1827EST				0	0	0.00K	0.00K	Hail (0.75)
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Hail to the size of pennies was reported on Bay Road SW.

Clusters of thunderstorms moved through the area during the afternoon and into the night. Some of the cells attained supercell characteristics as low level lapse rates steepened and shear values increased.

Brunswick County

Bowen Pt

14	2200EST				0	0	100.00K	0.00K	Lightning
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Lightning started a fire that caused moderate structural damage to a home on Mary Sheldon Road. The roof was damaged, but the house remained standing. No one was in the home at the time.

Lightning struck a home and started a fire in Shallotte Point.

Columbus County

2 SSE Artesia

15	1230EST 1232EST				0	0	1.00K	0.00K	Hail (1.00)
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Hail up to the size of quarters was reported.

Columbus County

1 NW Tabor City Arpt

15	1405EST 1407EST				0	0	0.00K	0.00K	Hail (0.75)
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Hail to the size of pennies was reported.

Robeson County

3 E Allenton

15	1520EST 1525EST				0	0	1.00K	0.00K	Hail (1.00)
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Hail to the size of quarters briefly covered the ground. The hail lasted for 5 minutes.

Deep moisture was entrenched across the area ahead of a weak mid-level shortwave trough. Thunderstorms developed along the seabreeze during the afternoon. Other thunderstorms moved into the area in association with a weak trough.

Bladen County

5 NE White Lake

16	1420EST 1422EST				0	0	0.25K	0.00K	Hail (1.00)
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Several quarter size hail stones fell during a torrential downpour.

Thunderstorms developed primarily along the seabreeze during the afternoon and moved over the same general area as they built upstream and persisted.

Columbus County

1 SSE Mollie

22	1310EST 1312EST				0	0	0.00K	0.00K	Hail (0.88)
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Hail to the size of nickels was reported along Walter Todd Road.

Bladen County

1 SE Rosindale

22	1322EST 1324EST				0	0	0.00K	0.00K	Hail (0.88)
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Hail to the size of nickels was reported.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, South Coastal

Columbus County

1 ENE Bolton

22	1350EST 1352EST				0	0	0.50K	0.00K	Hail (1.00)
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Hail to the size of quarters was reported on Highway 211.

Columbus County

1 E Bolton

22	1405EST 1410EST				0	0	0.25K	0.00K	Hail (0.88)
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Hail up to the size of nickels covered the yard and pavement on Cedar Avenue.

Columbus County

3 SE Cherry Grove

22	1409EST 1411EST				0	0	0.50K	0.00K	Hail (1.00)
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Hail to the size of quarters was reported.

Pender County

Rocky Pt

22	1430EST 1432EST				0	0	0.00K	0.00K	Hail (0.75)
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Three-quarter inch hail was measured.

Pender County

3 WNW Hampstead

22	1430EST 1434EST				0	0	0.50K	0.00K	Hail (1.00)
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One inch hail was measured in the Cross Creek subdivision.

Bladen County

1 N Bladenboro

22	1435EST 1445EST				0	0	1.00K	0.00K	Hail (1.00)
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Penny to quarter size hail was reported. The hail lasted for 10 minutes.

Pender County

4 WNW Hampstead

22	1440EST 1443EST				0	0	0.50K	0.00K	Hail (1.00)
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One inch hail was measured on Knollwood Drive.

Pender County

Rocky Pt

22	1443EST 1447EST				0	0	0.50K	0.00K	Hail (1.00)
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Hail to the size of quarters was reported near the intersection of Highway 117 and 210.

Pender County

6 NNW Hampstead

22	1446EST 1450EST				0	0	1.50K	0.00K	Hail (1.75)
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Hail to the size of golf balls was reported on Sheep Ford Road.

Robeson County

Mc Millan

22	1510EST 1512EST				0	0	0.50K	0.00K	Hail (1.00)
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Hail to the size of quarters was reported along E Parkton Tobemory Road.

Strong heating combined with an approaching cold front helped to produce numerous thunderstorms. A negatively tilted upper trough brought colder temperatures aloft and higher shear and resulted in numerous reports of large hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, South Coastal

Columbus County

1 ESE Fair Bluff	23	1526EST 1530EST			0	0	1.75K	0.00K	Hail (1.75)
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Hail to the size of golf balls was reported.

Columbus County

2 NNW Cerro Gordo	23	1530EST 1535EST			0	0	1.50K	0.00K	Hail (1.50)
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Quarter to near golf ball size hail was reported on Haynes Lennon Highway.

Columbus County

2 NW Cerro Gordo	23	1530EST 1537EST			0	0	1.75K	0.00K	Hail (1.75)
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Hail to the size of golf balls was reported on Porter Swamp Road. The hail lasted for about 7 minutes.

Robeson County

1 SSE East Lumberton	23	1605EST 1610EST			0	0	1.00K	0.00K	Hail (1.00)
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Hail to the size of quarters was reported on Highway 211.

High instability and steep lapse rates developed during the afternoon in response to strong heating. A potent upper low moved overhead, creating a cold pool of minus 16 degrees Celsius at 500 mb.

NCZ109-110

Coastal Brunswick - Inland Brunswick

	30	1119EST 1130EST			0	0	3.0K	0.00K	Strong Wind
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Pender County

1 SSW Walkers Store	30	1200EST 1400EST			0	0	0.00K	0.00K	Flood
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Lake Drive was flooded with a foot of standing water.

NCZ109

Inland Brunswick

	30	1208EST 1215EST			0	0	1.0K	0.00K	Strong Wind
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Beryl came ashore as a tropical storm on May 28th along the Florida/Georgia border. The system weakened to a tropical depression as it moved northeast along the North Carolina coast. The region experienced some minor flooding and some trees were blown down...mainly due to the saturated soil.

NORTH CAROLINA, Southwest

Polk County

1 NW Sunny View	01	1300EST			0	0			Hail (0.75)
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Polk County

2 NW Sunny View	01	1304EST			0	0			Hail (1.75)
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Hail up to golf ball size destroyed crops just south of the Rutherford County line.

Transylvania County

3 SE Oakland	01	1337EST			0	0			Hail (0.88)
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Nickel size hail at Gorges State Park.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH CAROLINA, Southwest</u>									
Polk County									
1 NW Sunny View	01	1339EST			0	0			Hail (0.75)
A second round of penny size hail fell along highway 9.									
McDowell County									
1 N Nebo	01	1345EST			0	0			Hail (1.75)
Golf ball size hail was reported at Lake James.									
Henderson County									
1 SE Mills River	01	1352EST			0	0			Hail (0.75)
Rutherford County									
1 N Rock Spgs	01	1355EST			0	0			Hail (1.00)
Quarter size hail fell at River Creek campground.									
Burke County									
2 NW Glen Alpine	01	1358EST			0	0			Hail (0.75)
Henderson County									
2 S Fletcher	01	1403EST			0	0			Hail (2.50)
Tennis ball size hail caused severe damage to at least one vehicle near the intersection of highway 25 and I-26.									
Henderson County									
1 E Fletcher	01	1406EST							
Goodluck		1415EST			0	0			Hail (1.75)
Golf ball size hail damaged vehicles near Fletcher. Quarter size hail also fell along a path from Fletcher to 3 miles east of town.									
Burke County									
1 E Glen Alpine	01	1415EST			0	0			Hail (0.75)
Burke County									
2 NW Glen Alpine	01	1415EST							
		1425EST			0	0			Hail (0.75)
A second round of penny size hail fell from near the shore of Lake James to Glen Alpine where penny size hail accumulated up to a depth of two inches.									
Burke County									
1 E Glen Alpine	01	1415EST			0	0			Thunderstorm Wind (50EG)
Large tree limbs were blown down, blocking roads. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Burke County									
3 WSW Morganton	01	1429EST							
		1445EST			0	0			Hail (1.00)
Quarter size hail fell along a path from about 4 miles southwest of Morganton to 3 miles southeast of town, including near Jamestown Rd and Dixie Blvd and at exit 105 along interstate 40. The wide path of quarter size hail also affected much of the Salem community.									
Henderson County									
1 SE Edneyville	01	1430EST			0	0			Hail (0.88)
Burke County									
1 S Morganton	01	1435EST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NORTH CAROLINA, Southwest									
Polk County									
1 NW Sunny View	01	1455EST			0	0			Hail (0.75)
Yet a third round of penny size hail was reported on highway 9.									
Burke County									
8 NW Morganton	01	1512EST			0	0			Hail (1.00)
Rutherford County									
2 W Rutherfordton	01	1520EST			0	0			Hail (1.00)
Mcdowell County									
1 NE Pleasant Gardens	01	1557EST			0	0			Hail (0.75)
Penny size hail was reported in the Pleasant Gardens community.									
Davie County									
3 WNW Farmington	01	1618EST			0	0			Hail (0.75)
Mcdowell County									
3 W Marion Arpt	01	1653EST			0	0			Hail (1.00)
Quarter size hail fell at Buck Creek campground. Thunderstorms developed over the North Carolina mountains during the afternoon hours. Several of the storms produced hail.									
Caldwell County									
4 NNE Yadkin Vly	02	1307EST			0	0			Hail (0.75)
Caldwell County									
1 SW Globe	02	1335EST			0	0			Hail (1.00)
Quarter size hail fell at Globe Creek Place.									
Haywood County									
1 SSE Cruso	02	1537EST			0	0			Hail (1.00)
Hail up to quarter size hail fell at a campground on Motorcycle Dr.									
Transylvania County									
9 NNE John Rock	02	1542EST			0	0			Hail (0.88)
Up to nickel size hail was reported at the Pisgah Inn on the Blue Ridge Parkway.									
Avery County									
3 N Linville	02	1640EST 1700EST			0	0			Hail (1.75)
A nearly stationary thunderstorms dropped hail up to golf ball size fell for at least 20 minutes at Sugar Mountain.									
Avery County									
3 SW Banner Elk	02	1655EST			0	0			Hail (0.75)
Penny size hail fell along Hickory Nut Gap Rd. Scattered thunderstorms developed in a warm and unstable airmass over the North Carolina mountains. A few of the storms produced large hail.									
Henderson County									
1 NNW Barker Hgts	14	0700EST 0900EST			0	0	0.00K	0.00K	Flash Flood

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Southwest

Bat Fork Creek flooded a portion of Airport Rd. Local broadcast media verified that the road was completely flooded and barricaded around mid-morning. Local COCORAHs sites indicated that 3 to 4 inches of rain fell in a 24 hour period across the county.

Catawba County 2 NW Duan

14	0800EST				0	0	0.00K	0.00K	Heavy Rain
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Heavy rain flooded the Greenway Heritage Trail in Southside Park, closing the park for a while. Rocky Ford Rd was also covered by water for a while near the county landfill.

Catawba County 4 NNW Claremont 3 NW Catawba

14	0830EST 1100EST				0	0	20.00K	0.00K	Flash Flood
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St Johns Church Rd was flooded by Lyle creek near Highway 16. The road was closed through the morning hours. A tributary of Lyle Creek flooded portions of Community and Riverbend Roads. The roads were closed for around an hour. Another tributary of Lyle Creek flooded Crossing Creek Rd to a depth of 18 inches. Two track hoes were submerged at this location and water came up to the underpinning on a mobile home.

Caldwell County 1 WSW Yadkin Vly

14	1745EST 2000EST				0	0	0.00K	0.00K	Flash Flood
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Water covered the Yadkin River bridge on Indian Grave Road. A mudslide was also reportedly covering one lane of Highway 268 in this same area.

Caldwell County 3 NE Yadkin Vly

14	1750EST 2000EST				0	0	0.00K	0.00K	Flash Flood
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A foot of water was flowing over Piney Grove Circle.

Caldwell County 1 SE Warrior

14	1810EST 2000EST				0	0	0.00K	0.00K	Flash Flood
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Several buildings were submerged in water on John Kirby Place, off of Indian Grave Road. Several buildings were also flooded along Echo Drive on the north side of Lenoir. The road itself was covered by deep water. Water from Long Branch Creek flooded the yard up to the porch of a house on Hazel Lee Street.

Alexander County 2 NNW All Healing Spgs

14	1835EST 2030EST				0	0	0.00K	0.00K	Flash Flood
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Slow moving thunderstorms dropped very heavy rain over Alexander County. County officials reported that the bridge on David Harman Road was washed out two miles northeast of Ellendale. Part of Barrett Mountain Road was washed out by flood waters. Several other roads in the western part of the county were covered with water, including All Healing Springs Road and Dover Church Road. Creeks flooded the yards of several residences in the Ellendale community along highway 64/90.

Caldwell County 1 SW Abingdon

14	1840EST 2030EST				0	0	0.00K	0.00K	Flash Flood
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Brookshire Road was flooded by Abingdon Creek. The creek also flooded the parsonage of the Lenoir Pentecostal Holiness Church off of Abingdon Road about 3 miles west of downtown Lenoir.

An area of heavy rain fell across the Blue Ridge Mountains and the North Carolina foothills during the morning hours. Shortly before the rain ended, rainfall rates increased to around an inch an hour which caused a few areas of flash flooding. Slow moving thunderstorms developed later in the day across the northern foothills and Piedmont of North Carolina. These storms dropped locally very heavy rainfall on already saturated ground resulting in more flooding.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NORTH CAROLINA, Southwest									
Union County									
1 NW Mineral Spg	14	1925EST							
5 NW Monroe		1940EST			0	0			Hail (1.75)
<p>Numerous reports of quarter to golf ball size hail were received from near Mineral Springs to the northwest side of Monroe. The largest hail reported fell near Mineral Springs.</p> <p>A thunderstorm with supercell characteristics moved across western Union County during the evening hours. The storm produced a swath of large hail.</p>									
Rutherford County									
1 ENE Chimney Rock	15	1540EST			0	0			Thunderstorm Wind (50EG)
<p>Trees were blown down on Boys Camp Rd.</p> <p>A thunderstorm near the east slopes of the Blue Ridge Mountains produced a little wind damage. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.</p>									
Gaston County									
1 WSW Gastonia	16	0007EST							
2 SW Spencer Mtn		0015EST			0	0			Thunderstorm Wind (50EG)
<p>Trees and power lines were blown down from Vance St to Sherry Lane, then northward into the Dallas area.</p> <p>Thunderstorms developed during the nighttime hours as a cold front moved across the region. Some of the storms produced hail and wind damage. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.</p>									
Cleveland County									
1 SE Shelby	16	2040EST			0	0			Hail (0.75)
Cleveland County									
1 S Earl	16	2100EST			0	0			Hail (0.75)
Lincoln County									
3 SSE Elay	16	2140EST			0	0			Hail (0.88)
<p>A few thunderstorms developed over the southern Piedmont of North Carolina as an upper low moved across the region. The storms produced a few reports of small hail as they drifted to the south.</p>									
Buncombe County									
4 S Weaverville	17	1732EST			0	0			Hail (1.00)
Buncombe County									
1 NNW West Asheville	17	1752EST			0	0			Hail (0.75)
<p>An isolated thunderstorm produced a little large hail over the central French Broad Valley.</p>									
Buncombe County									
2 SW Midway	19	1642EST			0	0			Hail (1.00)
<p>Quarter size hail was reported at the Asheville Regional Airport.</p> <p>An isolated severe storm tracked southwest along the Buncombe, Henderson county line. The storm produced large hail at the Asheville Regional Airport.</p>									
Burke County									
1 S Drexel	21	1732EST			0	0			Hail (0.75)
<p>Penny size hail was reported on Cook Rd.</p>									
Buncombe County									
1 SSE Weaverville	21	1737EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH CAROLINA, Southwest

Buncombe County

1 NNE Weaverville	21	1800EST 1930EST			0	0	20.00K	0.00K	Flash Flood
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The Eden Glenn Mobile Home Park was flooded by Flat Creek after around 3 inches of rain fell in an hour. Approximately 30 people were evacuated from about 2 dozen mobile homes between 7 pm and midnight. One utility building floated away and there was underpinning damage to a few trailers. County officials reported that this same area flooded around 17 years ago.

Buncombe County

1 SSE Weaverville	21	1800EST			0	0			Heavy Rain
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Heavy rain resulted in some urban flooding in Weaverville, closing Main St for a brief period of time.

Slow moving thunderstorms produced around 3 inches of rain in an hour to the north of Asheville causing a small area of flash flooding.

Burke County

3 ENE Pleasant Grove Brke	22	1550EST			0	0			Hail (1.00)
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Quarter size hail fell near Sugarloaf Rd.

Rowan County

2 SE Granite Quarry	22	1748EST			0	0			Hail (1.75)
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Davie County

4 N Sheffield	22	1805EST			0	0			Hail (1.00)
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Up to quarter size hail was reported on Ben Anderson Rd.

Rowan County

4 NNE Gold Hill	22	1810EST			0	0			Hail (1.00)
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Dime to quarter size hail fell in eastern Rowan County.

Mecklenburg County

1 SSW Griffith	22	2130EST			0	0	50.00K		Lightning
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Lightning started a fire at an apartment building on Cherrycrest Lane. The blaze damaged two units of the complex, causing about 50 thousand dollars worth of damage.

Scattered thunderstorms developed across western North Carolina during the afternoon and evening hours ahead of a cold front. A few of the thunderstorms produced large hail.

Swain County

3 S Whittier	29	1400EST			0	0	100.00K		Lightning
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Lightning started a fire at a home on Conley Mountain Association Rd. The home was completely destroyed.

NORTH DAKOTA, Central and West

Adams County

Haynes	02	1643MST 1646MST			0	0	0.00K	0.00K	Hail (0.88)
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Emmons County

1 W Linton Muni Arpt	02	1905CST 1914CST			0	0	0.00K	0.00K	Thunderstorm Wind (56MG)
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Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Stutsman County

1 NW Jamestown	02	1932CST 1937CST			0	0	0.00K	0.00K	Hail (0.75)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH DAKOTA, Central and West

Mcintosh County

1 NW Wishek	02	1935CST 1945CST			0	0	0.00K	0.00K	Hail (1.00)
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Logan County

1 N Napoleon	02	1937CST 1941CST			0	0	0.00K	0.00K	Hail (0.75)
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Logan County

1 N Napoleon	02	1940CST 1945CST			0	0	0.00K	0.00K	Hail (0.75)
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Mcintosh County

7 ENE Danzig	02	2000CST 2003CST			0	0	0.00K	0.00K	Hail (1.00)
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Mcintosh County

23 NE Ashley	02	2007CST 2012CST			0	0	0.10K	0.00K	Thunderstorm Wind (52EG)
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The strong thunderstorm winds blew over a basketball pole cemented in the ground.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Dickey County

Fullerton	02	2111CST 2116CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Pea size hail was also reported.

A mid level disturbance lifting into the Dakotas triggered scattered strong to severe thunderstorms along a surface warm front over far southern North Dakota during the evening hours of May 2nd. The severe storms produced large hail and high winds.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Mcintosh County

Ashley	03	0140CST 0143CST			0	0	0.00K	0.00K	Hail (0.88)
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A strong thunderstorm moving across south central North Dakota produced large hail over McIntosh County.

Mchenry County

3 NW Kief	17	1620CST 1628CST			0	0	0.00K	0.00K	Hail (0.88)
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Mchenry County

1 NE Kief	17	1630CST 1640CST			0	0	0.00K	0.00K	Hail (0.75)
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A strong thunderstorm moving across north central North Dakota produced two reports of large hail over McHenry County.

Mercer County

6 WSW Stanton	21	1743CST 1746CST			0	0	0.00K	0.00K	Hail (0.75)
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Burleigh County

3 NW Baldwin	21	1905CST 1908CST			0	0	0.00K	0.00K	Hail (0.75)
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A mid level short wave impulse ejecting into the Northern Plains combined with afternoon instability along an eastward advancing warm front to trigger late afternoon and evening thunderstorms across central portions of North Dakota. Two reports of large hail accompanied these storms.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

NORTH DAKOTA, Central and West

Divide County **4 W Fortuna**

22	1555CST 1559CST				0	0	8.00K	0.00K	Thunderstorm Wind (60EG)
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This storm report stated that tree branches up to six inches in diameter were broken off by the strong winds.

Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

Divide County **6 WNW Ambrose**

22	1607CST 1617CST		5.32	50	0	0	0.00K	0.00K	Tornado (EF0)
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This tornado touched down in the open country of Divide County, along the international border. There were no reports of damage associated with this tornado.

Mountrail County **2 ENE Blaisdell**

22	1721CST 1723CST		0.83	25	0	0	0.00K	0.00K	Tornado (EF0)
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Professional storm chasers reported this brief tornado. There were no reports of damage so the tornado is rated EF0.

Ward County **6 SSW Donnybrook**

22	1724CST				0	0	0.00K	0.00K	Hail (1.00)
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Ward County **6 SSW Donnybrook**

22	1735CST 1738CST				0	0	0.00K	0.00K	Hail (1.00)
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Bottineau County **6 SE Lansford**

22	1850CST 1855CST				0	0	0.00K	0.00K	Hail (1.00)
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Bottineau County **4 SE Lansford**

22	1850CST 1855CST				0	0	0.00K	0.00K	Hail (1.00)
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Mcintosh County **10 E Wishek**

22	1900CST 1905CST				0	0	10.00K	0.00K	Hail (1.75)
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The hail resulted in damage to vehicles.

Mcintosh County **1 NW Wishek**

22	1913CST 1919CST				0	0	0.00K	0.00K	Hail (1.00)
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Mcintosh County **1 NW Wishek**

22	1920CST 1927CST				0	0	0.00K	0.00K	Hail (1.75)
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Bottineau County **Maxbass**

22	1921CST 1925CST				0	0	0.00K	0.00K	Hail (0.75)
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Stutsman County **11 ENE Streeter**

22	1929CST 1933CST				0	0	0.00K	0.00K	Hail (1.25)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NORTH DAKOTA, Central and West</u>									
Mcintosh County 1 NW Wishek	22	1934CST 1939CST			0	0	0.00K	0.00K	Hail (2.00)
Stutsman County 2 SSW Windsor	22	1955CST 1959CST			0	0	0.00K	0.00K	Hail (1.75)
Stutsman County 4 NE Sydney	22	2000CST 2005CST			0	0	4.00K	0.00K	Hail (1.00)
			The hail damaged a car.						
Stutsman County 4 NE Sydney	22	2000CST 2007CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
			The trained spotter reported no damage. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.						
Stutsman County 4 NNW (JMS) Jamestown Muni	22	2007CST 2011CST			0	0	0.00K	0.00K	Hail (1.00)
Stutsman County 4 NNW (JMS) Jamestown Muni	22	2007CST 2012CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
			Large hail accompanied the strong winds. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.						
Stutsman County 1 S Buchanan	22	2010CST 2015CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
			The strong winds broke small tree branches. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.						
Stutsman County 1 S Buchanan	22	2015CST 2025CST			0	0	0.00K	0.00K	Hail (0.88)
La Moure County 1 NW Jud	22	2016CST 2019CST			0	0	0.00K	0.00K	Hail (0.88)
La Moure County 5 S Nortonville	22	2046CST 2048CST			0	0	0.00K	0.00K	Hail (0.75)
Stutsman County 1 NW Jamestown	22	2105CST 2109CST			0	0	0.00K	0.00K	Hail (0.88)
Stutsman County 1 NW Jamestown	22	2107CST 2111CST			0	0	0.00K	0.00K	Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH DAKOTA, Central and West

Tornado Watch number 290 and Severe Thunderstorm Watch number 291 were in effect during this event. Strong afternoon destabilization occurred north and east of an area of low pressure situated over southwest North Dakota May 22nd. The trigger for thunderstorm development was a strong upper level jet streak advecting northeast across the Rockies and into the Northern Plains. While a strong capping inversion was in place in the low's warm sector, a weaker cap existed over northern North Dakota, where convection first initiated late in the afternoon over the far northwest. Additional strong to severe thunderstorms developed during the evening across the north central and from the south central into the James River Basin. Severe hail, severe thunderstorm winds, and two confirmed EF0 tornadoes occurred during this event.

Logan County 1 N Napoleon	26	2257CST 2301CST			0	0	0.00K	0.00K	Hail (0.75)
Kidder County 1 W Steele	26	2305CST 2309CST			0	0	0.00K	0.00K	Hail (1.00)
Grant County New Leipzig	27	0000MST 0005MST			0	0	0.00K	0.00K	Hail (1.00)
Grant County 14 N Elgin Muni Arpt	27	0015MST 0019MST			0	0	0.00K	0.00K	Hail (1.00)

A surface warm front lifting north across southern North Dakota brought elevated nocturnal convection across the southwest and south central parts of the state. A few storms became severe and produced large hail late in the evening of May 26th and during the early morning hours of the 27th.

NORTH DAKOTA, East

Cavalier County 2 SSE Maida	01	1332CST			0	0			Hail (0.88)
Pea to nickel sized hail completely blanketed the fields.									
Ramsey County 4 S Crary	01	1615CST			0	0			Hail (0.75)
Ramsey County 5 SW Doyon	01	1622CST			0	0			Hail (0.88)
Pea to nickel sized hail completely covered the ground.									
Nelson County 6 SW Lakota	01	1635CST			0	0			Hail (1.00)
Numerous dime to quarter sized hail nearly covered the ground.									
Pembina County 6 SW St Thomas	01	1725CST 1730CST			0	0			Hail (1.00)

Very heavy rain and lots of dime to quarter sized hail fell.

Late in the afternoon of the 1st, two distinct areas of surface low pressure formed over Eastern North Dakota. One surface low formed across Southeast North Dakota and the second over Northeast North Dakota. All the evening thunderstorm development occurred with the Northern low. One line of thunderstorms flared up to the East of East Devils Lake and covered the ground with dime to nickel sized hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
NORTH DAKOTA, East									
Sargent County Gwinner Arprt	02	2215CST			0	0	20.00K		Thunderstorm Wind (58MG)
The wind gust was measured by the Gwinner, North Dakota AWOS. Several power poles were snapped along a section line near Gwinner.									
Note: The measured wind gust of 58 knots is equivalent to 67 mph.									
Sargent County 1 N Cayuga	02	2225CST			0	0			Thunderstorm Wind (56EG)
Trees were uprooted in Cayuga from the strong winds.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Richland County 1 N Mantador	02	2255CST			0	0			Thunderstorm Wind (56EG)
Trees were uprooted near Mantador due to the strong winds.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Richland County 4 WNW Great Bend	02	2259CST			0	0	50.00K		Thunderstorm Wind (78EG)
About one-half mile of power poles were snapped near the intersection of county roads 16 and 1. A barn and silo at a farmstead were heavily damaged. Peak winds were estimated at 80 to 90 mph.									
Note: The estimated wind gust of 78 knots is equivalent to 90 mph.									
Richland County 1 SW Wahpeton Arprt	02	2310CST			0	0	15.00K	0.00K	Thunderstorm Wind (72MG)
The 2315 CST observation from the Wahpeton airport AWOS came in with a gust to 65 knots. The time was estimated by radar. The 83 mph wind gust was measured by a personal weather station located just south of the airport. A private hanger door was caved in by the wind which caused some damage to an airplane parked just inside the door.									
As thunderstorms rolled across extreme southeast North Dakota into west central Minnesota, they produced strong winds along a line from Gwinner, North Dakota, to just north of Fergus Falls, Minnesota. The highest wind gusts, 83 mph, were measured just south of the Wahpeton, North Dakota, airport. Note: The measured wind gust of 72 knots is equivalent to 83 mph.									
Barnes County 2 W Litchville	22	2030CST			0	0	0.00K	0.00K	Hail (0.88)
Griggs County 6 NE Binford	22	2055CST			0	0			Hail (1.00)
Grand Forks County 2 NNE Arvilla	22	2130CST			0	0	10.00K	0.00K	Thunderstorm Wind (60EG)
Several ash and oak trees up to 22 inches in diameter were snapped at the Turtle River State Park.									
Note: The estimated wind gust of 60 knots is equivalent to 69 mph.									
Grand Forks County 1 N Larimore	22	2145CST			0	0	5.00K	0.00K	Thunderstorm Wind (60EG)
Several trees were blown down in Larimore.									
Note: The estimated wind gust of 60 knots is equivalent to 69 mph.									
Grand Forks County 1 NE (RDR)Grand Forks Afb	22	2147CST			0	0			Thunderstorm Wind (50MG)
The wind gust was measured at the Grand Forks Air Force Base.									
Note: The measured wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NORTH DAKOTA, East

Barnes County 3 ENE Leal

22	2215CST				0	0			Hail (1.00)
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Quarter size hail fell along with some smaller hailstones.

A cold front pushed east across North Dakota late in the evening of the 22nd. As of 9 pm CST, the cold front had moved into central North Dakota with another stationary boundary extending from the Turtle Mountains to the U. S. Highway 2 corridor in Minnesota. As the low level jet intensified in the evening, a cluster of thunderstorms moved into south central and southeast North Dakota. This cluster of storms moved north-northeast through the late evening and produced several severe thunderstorms.

Richland County 1 S Lidgerwood

26	2255CST				0	0			Hail (1.00)
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Elevated thunderstorms flared up in the mid to late evening over South Dakota and moved into southeast North Dakota in the late evening. These thunderstorms gradually weakened as they moved north but some large hail fell over portions of Richland County (ND) and Wilkin County (MN).

OHIO, East

Muskingum County 3 E Mt Sterling

02	0400EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Law enforcement reported a large tree down across U.S. 40 and Cjhapel Hill Road.

Isolated severe thunderstorms developed along a stalled frontal boundary during the early morning hours. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

OHIO, North

Stark County 1 SW North Canton

04	1730EST 1800EST				0	0	50.00K	0.00K	Flash Flood
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Between 620 PM and 635 PM a torrential shower moved over the Beldon Village area in North Canton located just west of I-77. The shower lasted only 15 minutes, however during a 10 minute period rainfall rates jumped to 4.36 in/hr as estimated by NWS Doppler Radar. No gauges were located at the site of the flooding, but radar estimates put this rate around a 100 year rain for this part of Ohio. This extreme rate overwhelmed drainage systems with excessive runoff. The impact area was limited to a 1/4 to a 1/2 mile radius from the Beldon Village Mall. The parking lot of the mall with over 4 feet of water, manhole covers were blown off from the water pressure of the stormwater system, and several nearby roads flooded. A number of businesses were flooded including a grocery store and a fast food restaurant with as much as 2 feet of water. Several cars were flooded and one woman needed to be rescued. Storm total rainfall estimates were a little over an inch, however the extreme rainfall rates were the cause to the damage in this event.

Morrow County 5 N Marengo

04	1745EST				0	0	0.00K	0.00K	Hail (1.00)
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Nickel to quarter sized hail was observed.

A cold front dropped south across Ohio during the late afternoon and evening hours, spreading a band of convection as it passed. The Storm Prediction Center had placed the area under a Slight Risk designation for a threat of localized severe storms. One severe thunderstorm affected Morrow County and one localized storm produced torrential rain resulting in a flash flood near Canton Ohio.

Stark County Navarre

07	1250EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was observed.

Medina County Medina

07	1409EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Medina County Medina

07	1607EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was observed.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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OHIO, North

Wyandot County Upper Sandusky

07	1618EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was reported.

Medina County 2 E Medina

07	1620EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Marion County La Rue

07	1725EST				0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds downed a few trees.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Richland County Shelby

07	1735EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was observed.

Marion County Marion

07	1744EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was reported.

Trumbull County Cortland

07	1819EST 1826EST				0	0	0.00K	0.00K	Hail (1.00)
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Penny to quarter sized hail was observed.

Trumbull County Fowler

07	1829EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was observed.

Ashtabula County Austinburg

07	1840EST				0	0	0.00K	0.00K	Hail (1.25)
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Quarter to half dollar sized hail was observed.

Ashtabula County Ashtabula

07	1847EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was observed.

Ashtabula County Conneaut

07	1855EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was observed.

Trumbull County Warren

07	1856EST 1902EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Trumbull County Niles

07	1900EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Trumbull County Vienna

07	1900EST 1904EST				0	0	0.00K	0.00K	Hail (1.00)
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Penny to quarter sized hail was observed.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OHIO, North

Trumbull County Hubbard

07	1923EST 1927EST				0	0	15.00K	0.00K	Hail (1.25)
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Quarter to half dollar sized hail was observed.

Trumbull County Hubbard

07	1927EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was observed.

Trumbull County Brookfield

07	1927EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Mahoning County Youngstown

07	1938EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was observed.

Stark County 2 W Massillon

07	1947EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

An area of low pressure moved up the Ohio Valley on May 7th. A warm front from this low moved into northern Ohio causing showers and thunderstorms to develop. A few of the thunderstorms became severe.

Lucas County Toledo

09	1244EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Lucas County Maumee

09	1254EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Summit County Twinsburg

09	1500EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Trumbull County Leavittsburg

09	1555EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Seneca County Tiffin

09	1825EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Scattered thunderstorms developed during the afternoon hours of May 9th. A few of the stronger storms produced small hail.

Lorain County North Ridgeville

25	1740EST 1750EST				0	0	50.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds downed several trees and large limbs in North Ridgeville knocking out power to as many as 2,000 customers. Limbs fell on a car on Harrison Street briefly trapping the driver. There were no injuries.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Lorain County North Ridgeville

25	1810EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was observed.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, North									
Geauga County Chardon	25	2153EST			0	0	0.00K	0.00K	Hail (0.75)
Penny sized hail was observed. A cold front moved across northern Ohio on May 25th. A few thunderstorms developed ahead of this front and became severe.									
Geauga County Chesterland	27	1255EST			0	0	50.00K	0.00K	Hail (1.75)
Golf ball sized hail was observed. A few cars were damaged.									
Geauga County 5 NW Burton	27	1300EST			0	0	0.00K	0.00K	Hail (1.00)
Quarter sized hail was observed.									
Geauga County Burton	27	1305EST			0	0	0.00K	0.00K	Hail (0.88)
Penny to nickel sized hail was observed.									
Lake County Madison Pnsvle Birdland Arp	27	1310EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds downed trees near Madison and in Leroy Township. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Ashtabula County Rome	27	1320EST			0	0	0.00K	0.00K	Hail (1.00)
Quarter sized hail was observed. Scattered showers and thunderstorms developed and moved across Northeast Ohio. A couple of the thunderstorms became severe.									
Knox County Mt Vernon	28	1455EST			0	0	0.00K	0.00K	Hail (0.88)
Nickel sized hail was observed.									
Ashland County 6 N Perrysville	28	1545EST			0	0	10.00K	0.00K	Hail (1.50)
Walnut sized hail was observed. Some minor damage was reported.									
Ashland County Hayesville	28	1548EST			0	0	0.00K	0.00K	Hail (0.88)
Nickel sized hail was observed.									
Ashland County Hayesville	28	1550EST			0	0	25.00K	0.00K	Hail (1.75)
Quarter to golf ball sized hail was observed. Some minor damage was reported.									
Ashland County 4 NE Ashland	28	1608EST			0	0	0.00K	0.00K	Hail (1.00)
Quarter sized hail was observed.									
Portage County Ravenna	28	1640EST			0	0	0.00K	0.00K	Hail (1.00)
Quarter sized hail was observed. A warm front lifted into northern Ohio causing showers and thunderstorms to develop. A couple of thunderstorms became severe.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OHIO, North

Hancock County Findlay

29	0511EST				0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorms winds downed several large tree limbs across central Hancock County.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Hancock County 4 NW Mt Cory

29	0511EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds downed a few trees along State Route 12.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Medina County Medina

29	0854EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was observed.

Medina County 5 SE Medina

29	0855EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was observed.

Wayne County Orrville

29	0855EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was observed.

Medina County Seville

29	0856EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was observed.

Wayne County Wooster

29	0856EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was observed.

Wayne County Wooster

29	0858EST				0	0	0.00K	0.00K	Hail (1.00)
----	---------	--	--	--	---	---	-------	-------	-------------

Quarter sized hail was observed.

Wayne County Wooster

29	0858EST				0	0	0.00K	0.00K	Hail (1.00)
----	---------	--	--	--	---	---	-------	-------	-------------

Quarter sized hail was observed.

Holmes County Millersburg

29	0920EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Wayne County Apple Creek

29	0929EST				0	0	0.00K	0.00K	Hail (1.75)
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Golf ball sized hail was observed.

Stark County North Canton

29	0938EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Holmes County Walnut Creek

29	0941EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was observed.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, North									
Trumbull County Bristolville	29	0945EST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter sized hail was observed.								
Trumbull County Bristolville	29	0945EST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter sized hail was observed.								
Trumbull County Cortland	29	0945EST			0	0	0.00K	0.00K	Hail (0.75)
	Penny sized hail was observed.								
Stark County Alliance	29	0950EST			0	0	50.00K	0.00K	Hail (1.75)
	Golf ball sized hail was observed. A few vehicles were damaged.								
Trumbull County Warren	29	0950EST			0	0	0.00K	0.00K	Hail (0.75)
	Penny sized hail was observed.								
Trumbull County Mecca	29	0953EST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter sized hail was observed.								
Trumbull County Mecca	29	0953EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
	Thunderstorm winds downed some large tree limbs. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Stark County Alliance	29	0955EST 0958EST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter sized hail was observed.								
Trumbull County Johnsons	29	0955EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
	Thunderstorm winds downed a few trees. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Portage County Rootstown	29	1001EST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter sized hail was observed.								
Stark County Alliance	29	1002EST			0	0	0.00K	0.00K	Hail (0.88)
	Nickel sized hail was observed.								
Trumbull County Niles	29	1002EST			0	0	5.00K	0.00K	Hail (1.25)
	Half dollar sized hail was reported.								
Stark County Alliance	29	1004EST 1010EST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter sized hail was observed.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, North									
Stark County Alliance	29	1011EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
									Thunderstorm winds toppled a tree. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Trumbull County Vienna	29	1024EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter sized hail was observed.
Trumbull County Warren	29	1033EST			0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
									Thunderstorm winds damaged a building. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Mahoning County Boardman	29	1040EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
									Thunderstorm winds downed a tree and several large limbs on Simon Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Portage County Ravenna	29	1615EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
									Thunderstorm winds downed one tree. A cold front moved across northern Ohio on May 29th causing showers and thunderstorms to develop. A few of the stronger storms became severe. There were many reports of large hail and a downburst caused a fair amount of damage in Mahoning County. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Marion County Martel	29	1700EST			0	0	0.00K	0.00K	Hail (0.75)
									Penny sized hail was observed. Scattered thunderstorms developed during the afternoon hours of May 9th. At least one of the stronger storms produced small hail.
Mahoning County Canfield 2 E Boardman	29	1705EST 1715EST			0	0	200.00K	0.00K	Thunderstorm Wind (50EG)
									A thunderstorm downburst caused considerable damage in the Canfield and Boardman areas. Dozens of trees were downed along the U.S. Route 224 corridor. In Boardman, downed trees caused four roads to be closed and damaged three homes. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Mahoning County Boardman	29	1715EST			0	0	0.00K	0.00K	Hail (0.88)
									Nickel sized hail was observed. A cold front moved across northern Ohio on May 29th causing showers and thunderstorms to develop. A few of the stronger storms became severe. There were many reports of large hail and a downburst caused a fair amount of damage in Mahoning County.
OHIO, Northwest									
Henry County Hamler	29	0445EST 0446EST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
									County dispatch reported a few trees down in town of unknown size. An outflow boundary worked across portions of northwestern Ohio during the overnight hours, sparking thunderstorm development. While the majority of the storms remained below severe levels, one storm produced isolated wind damage to trees in Henry county. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, Southeast									
Vinton County									
Dundas	01	0030EST			0	0	5.00K	0.00K	Flash Flood
Radcliff		0330EST							
			Racoon Creek flooded portions of State Route 278. Other smaller streams flowed across roads. No dwellings were flooded.						
Jackson County									
Coalton	01	1915EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
			Trees were blown down onto power lines. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						
Jackson County									
1 NNE Jackson	01	1915EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
			Large branches were blown down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						
Vinton County									
2 E Prattsville	01	1920EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
			Several trees were blown down in the Union Ridge vicinity near County Route 6. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						
Jackson County									
1 SW Jefferson Furnace	01	1926EST			0	0	0.00K	0.00K	Hail (0.88)
Gallia County									
8 N Crown City	01	1940EST			0	0	0.00K	0.00K	Hail (1.50)
Gallia County									
1 SE Patriot	01	1945EST			0	0	5.00K	0.00K	Hail (1.75)
Gallia County									
3 SW Gallipolis	01	1950EST			0	0	10.00K	0.00K	Hail (1.50)
Gallia County									
5 ENE Crown City	01	1950EST			0	0	10.00K	0.00K	Hail (1.50)
Meigs County									
Middleport	02	0230EST							
Langsville		0430EST			0	0	5.00K	0.00K	Flash Flood
			State Route 124 and 143 were flooded in the Thomas Fork and Leading Creek basins. An east to west front was lifting slowly back north through central Ohio into western Pennsylvania by evening. Several mid level disturbances moved east to help form afternoon and evening convection. As the evening continued, the convection became oriented more west to east, or parallel to their movement. The lingering showers caused minor flash flooding as localized rain totals reached near 2 inches.						
Athens County									
Nelsonville	04	2051EST							
Sharpsburg	05	0230EST			1	0	250.00K	0.00K	Flash Flood
			Small streams across the northern portion of the county flooded. An elderly couple was driving home along Linscott Run. This is a small tributary to Federal Creek near Amesville. Close to home, the husband decided to stop his vehicle and wait out some high water. Their vehicle became surrounded by rising water. The couple made an attempt to walk to nearby higher ground. The wife was using a walker due to recent hip surgery. She slipped and the husband could not hold on to her. The current swept her away. The fire department located her body around dawn on the 5th, about a half mile downstream. The husband was helped to safety by neighbors using a garden hose. Route 550 was also flooded in Amesville.						

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OHIO, Southeast

Several streets in Nelsonville were flooded including along Dorr Run and Pleasant View Road. Large dump rocks, used in the bypass construction, were even moved by the water. A wall to a garage was knocked over by the water. A house foundation was damaged.

A vehicle was flooded along Margaret Creek near Albany. The occupants were unhurt at a nearby home when the local fire department arrived. F74VE

Athens County

Athens

04	2113EST				0	0	5.00K	0.00K	Lightning
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A feed store was struck.

Vinton County

Mc Arthur

04	2130EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Several trees were blown down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Jackson County

2 E Chapmans

04	2132EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Several trees were blown down around the Fairgreens Country Club.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Jackson County

3 W Grahamsville

5 WSW Ray

04	2145EST						250.00K	0.00K	Flash Flood
05	0430EST				0	0			

Many roads were impassible. Several water rescues occurred from stalled vehicles. A woman was stranded in a park by high water and was rescued by boat. Businesses in the community of Jackson saw urban runoff get inside. This included the state motor vehicle registration building on Huron Street. Condominiums were also flooded on Huron Street.

Vinton County

Jimtown

3 SW Ratcliffburg

04	2145EST						150.00K	0.00K	Flash Flood
05	0230EST				0	0			

Streams such as Pretty Run, Salt Creek, Middle Fork of Salt Creek, Raccoon Creek, and Puncheon Fork, flooded and damaged roads. Culverts under some roads were damaged. Private bridges were damaged. Near MacArthur, some residents in a trailer park were evacuated. The American Red Cross gave assistance to 14 families in Vinton County.

Gallia County

1 W Sand Fork

1 NW Vinton

04	2330EST						95.00K	0.00K	Flash Flood
05	0430EST				0	0			

Small streams flooded roads, such as State Route 141 and 325. Several water rescues took place around Rio Grande.

Convection dropped from northwestern Ohio during the late afternoon and reached into southeast Ohio during the evening hours of the 4th. This was south of an east to west cold front in northern Ohio. That front was sinking slowly south. Surface dew points were in the mid 60s.

The convection consolidated into large cold clusters, first in eastern Ohio. As these weakened, the clusters of showers and thunderstorms to their southwest got stronger. These moved through southeast Ohio. Rain amounts of 1.5 to 2 inches fell in less than 2 hours. A few very localized amounts around 2.25 inches were likely. The Jackson cooperative observer measured 2.03 inches.

One fatality occurred in Athens County. Most of the flooding was confined to roads. Damage occurred to vehicles that stalled when motorists drove through flooded roads. Several motorists were rescued in Jackson and Gallia Counties.

Meigs County

Long Bottom

Chester

08	0600EST						0.00K	0.00K	Flash Flood
	0715EST				0	0			

Roads, including State Route 7, were flooded, by small streams.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OHIO, Southeast

Washington County

Veto	08	0600EST							
Marietta		0715EST			0	0	5.00K	0.00K	Flash Flood

Streams flooded and closed several roads. The rain gauge at Fifteen reported 1.8 inches of rain in about 6 hours.

A moist and unstable environment existed ahead of a slow moving cold front. A weak surface wave developed along the front during predawn hours of Tuesday the 8th. Widespread showers fell over wet terrain. Rain rates were not extreme, but in the .5 to .75 inch range per hour. Roads were flooded by small streams. Dwellings were not affected.

Lawrence County

Andis	29	1052EST							Thunderstorm Wind (50EG)
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Several trees were uprooted around a house along Deering-Bald Knob Road. A section of its outdoor porch ceiling was damaged.

Convection developed on a residual outflow boundary across southeast Ohio and northeast Kentucky by late morning on the 29th. Strong heating also helped to further destabilize the environment. Despite the numerous cells, only one location received damaged from a strong wind gust. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

OHIO, Southwest

Hamilton County

White Oak	01	1629EST							
		1633EST			0	0			Hail (1.75)

Darke County

1 W New Madison	01	1629EST							
		1630EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)

Several trees were reported down due to damaging thunderstorm winds.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Hamilton County

Dent	01	1632EST							
		1636EST			0	0			Hail (1.00)

Darke County

3 W Arcanum	01	1635EST							
		1639EST			0	0			Hail (1.75)

Darke County

3 NW Arcanum	01	1640EST							
		1644EST			0	0			Hail (1.00)

Hamilton County

Wyoming	01	1645EST							
		1649EST			0	0			Hail (1.00)

Hamilton County

2 ESE Cincinnati	01	1645EST							
		1649EST			0	0			Hail (1.75)

Hamilton County

Deer Park	01	1655EST							
		1659EST			0	0			Hail (1.75)

Hamilton County

Wyoming	01	1705EST							
1 NE Lincoln Hgts		1805EST			0	0	1.00K	0.00K	Flash Flood

Water one foot deep was flowing over a road due to heavy rainfall. Other high water was also reported in the area.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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OHIO, Southwest

Highland County

New Market

01	1706EST 1710EST				0	0	10.00K		Hail (1.00)
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Hail damage occurred to cars.

Clinton County

4 W Wilmington

01	1718EST 1724EST				0	0			Hail (0.88)
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Warren County

1 ESE Lebanon Warren Co Ar

01	1720EST 1721EST		0.01	10	0	0	5.00K	0.00K	Tornado (EF0)
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The brief tornado touched down and caused damage to one structure, auto damage, and damage to outdoor furniture. Based on the damage surveyed, the maximum estimated wind speed of this tornado was 80 miles per hour.

Clinton County

1 W Wilmington

01	1724EST 1728EST				0	0			Hail (1.00)
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Warren County

1 W Genntown

01	1724EST 1725EST		0.03	50	0	0	10.00K	0.00K	Tornado (EF0)
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The tornado touched down and uprooted or snapped about 10 to 15 trees. Minor structural damage also occurred. Based on the damage surveyed, the maximum estimated wind speed of this tornado was 80 miles per hour.

Clermont County

Batavia

01	1725EST 1729EST				0	0			Hail (1.00)
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Clermont County

3 NE Goshen

01	1727EST 1731EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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A tree fell on the roof of a house due to damaging thunderstorm winds.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Pickaway County

Williamsport

01	1743EST 1747EST				0	0			Hail (0.75)
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Ross County

Chillicothe

01	1755EST 1759EST				0	0			Hail (1.75)
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Hamilton County

2 NW White Water Park 1 S Miami

01	1800EST 2100EST				0	0	5.00K	0.00K	Flash Flood
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Heavy rainfall caused flash flooding in the area. High water was reported flowing over Lawrenceburg Road in Miami Township. Almost a foot of water was flowing across the road near the intersection of Harrison Avenue and Wesselman Road. Another road in the area was closed due to high water. A foot of water was reported flowing over Mount Hope Road.

Ross County

Chillicothe

01	1800EST 1804EST				0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OHIO, Southwest									
Ross County Chillicothe	01	1800EST 1804EST			0	0			Hail (5.00)
									A picture was taken of a 5 inch hailstone next to a ruler for measurement.
Clark County Springfield	01	1805EST 1900EST			0	0	0.00K	0.00K	Heavy Rain
									Water was reported over a roadway due to heavy rainfall.
Pike County 5 NW Waverly	01	1820EST 1824EST			0	0			Hail (1.75)
Adams County 2 NW Peebles	01	1825EST 1829EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
									Trees were reported down due to damaging thunderstorm winds.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Adams County Peebles	01	1827EST 1831EST			0	0			Hail (0.88)
Scioto County Rarden	01	1840EST 1844EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
									Six trees were reported down on roads in the area due to damaging thunderstorm winds.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Pike County 6 SW Piketon	01	1845EST 1849EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
									Several trees were reported down due to damaging thunderstorm winds.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Scioto County South Webster	01	1856EST 1900EST			0	0			Hail (1.25)
Hamilton County Sharonville	01	1925EST 2025EST			0	0	1.00K	0.00K	Flash Flood
									Flooding of roads and properties were reported in the area due to heavy rain.
Butler County Okeana 1 S Shandon	01 02	2200EST 0000EST			0	0	3.00K	0.00K	Flash Flood
									Water at least 2 feet deep was reported flowing through portions of Morgan Township.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, Southwest									
Highland County									
2 WSW Careytown	01	2330EST							
	02	0030EST			0	0	1.00K	0.00K	Flash Flood
A foot of water was reported flowing over Powell Road.									
Clermont County									
1 SE Goshen	01	2337EST							
	02	0037EST			0	0	3.00K	0.00K	Flash Flood
A woman was trapped in her car in flood waters caused by heavy rain.									
Highland County									
Hillsboro	02	0000EST							
		0100EST			0	0	1.00K	0.00K	Flash Flood
Very high water was reported over Route 62 and Highway 50 due to heavy rain.									
Hamilton County									
1 S Twightwee	02	0100EST							
		0200EST			0	0	1.00K	0.00K	Flash Flood
Water around one foot deep was flowing off a hillside onto Kemper Road near Loveland Road due to heavy rainfall.									
A warm front lifting across the Ohio Valley during the morning brought into the area a very unstable airmass. Numerous thunderstorms developed during the afternoon and evening. The environment was favorable for large hail and damaging winds. However, a few boundaries helped to produce localized favorable conditions for tornadoes. In addition, some storms occurred repeatedly over the same areas, causing an increased risk for flash flooding and flooding to occur.									
Scioto County									
1 W Lyra	04	0600EST							
		0700EST			0	0	0.00K	0.00K	Heavy Rain
A creek was reported out of its banks across Lick Run Lyra Road due to heavy rain.									
A thunderstorm complex moving across Central Ohio early in the morning brought an extended period of heavy rainfall to the area.									
Butler County									
Middletown	04	1557EST							
		1601EST			0	0			Hail (1.00)
Butler County									
Middletown	04	1601EST							
		1605EST			0	0			Hail (0.88)
Warren County									
1 SSW Franklin	04	1605EST							
		1609EST			0	0			Hail (1.25)
Montgomery County									
1 W Germantown	04	1606EST							
		1610EST			0	0			Hail (0.88)
Warren County									
1 S Springboro	04	1613EST							
		1617EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, Southwest									
Montgomery County Germantown	04	1614EST 1618EST			0	0			Hail (1.00)
Champaign County 5 W Urbana	04	1736EST 1836EST			0	0	0.00K	0.00K	Heavy Rain Flooding of a farm field occurred due to heavy rain.
Auglaize County New Knoxville	04	1803EST 1807EST			0	0			Hail (0.75)
Delaware County Lewis Center	04	1814EST 1914EST			0	0	0.00K	0.00K	Heavy Rain Standing water about the depth of a tire was reported on area roadways due to heavy rain.
Delaware County 3 NE Powell	04	1827EST 1927EST			0	0	0.00K	0.00K	Heavy Rain About 3 inches of standing water was reported on roads in the area due to heavy rain. Some water was spilling onto the roads from adjacent fields.
Champaign County Westville	04	1900EST 2000EST			0	0	1.00K	0.00K	Flash Flood Due to heavy rainfall, high water was moving across Route 36 between Urbana and Westville, and near Route 235 west of Saint Paris. High water was also reported moving across Route 560.
Hocking County Union Furnace 1 SSW Haydenville	04	2100EST 2200EST			0	0	100.00K	0.00K	Flash Flood Flash flooding occurred in the area due to heavy rainfall. A driveway bridge washed out. Water was rushing into basements. Road damage occurred. Water was also reported in classrooms at an elementary school.
Auglaize County 2 SW St Marys	04	2110EST 2210EST			0	0	0.00K	0.00K	Heavy Rain Shallow water was reported over area roadways due to heavy rain.
Clark County 2 ENE Springfield Lagonda	04	2220EST 2320EST			0	0	0.00K	0.00K	Flood About 8 inches of water was reported over the road near the intersection of Columbus Avenue and Burnett Road due to heavy rainfall. Thunderstorms developed during the afternoon in an environment with moderate instability, weak flow, and an abnormally high amount of atmospheric moisture. These storms tended to build continuously over the same locations. This created an enhanced potential for flooding and flash flooding. Some of these storms also became severe with large hail being the main threat.
Mercer County 2 S Coldwater	07	1519EST 1523EST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OHIO, Southwest									
Auglaize County 3 WNW New Bremen	07	1528EST 1532EST			0	0			Hail (1.00)
Auglaize County St Marys	07	1536EST 1540EST			0	0			Hail (0.88)
Auglaize County New Knoxville	07	1546EST 1550EST			0	0			Hail (0.75)
Mercer County 1 N St Henry	07	1635EST 1735EST			0	0	1.00K	0.00K	Flash Flood
									High water was reported along Carthagena Road due to heavy rain.
Auglaize County 2 WSW Fryburg	07	1635EST 1735EST			0	0	0.00K	0.00K	Heavy Rain
									Field flooding occurred due to heavy rainfall.
Fairfield County 3 NE Lancaster	07	1704EST 1804EST			0	0	0.00K	0.00K	Heavy Rain
									A small stream was reported out of its banks due to heavy rain.
Fairfield County Bremen	07	1729EST 1829EST			0	0	1.00K	0.00K	Flash Flood
									Street flooding due to heavy rain was reported on some of the roads in Bremen.
Fairfield County Bremen	07	1804EST 1904EST			0	0	0.00K	0.00K	Heavy Rain
									Water was reported up to the curb on some roadways due to heavy rainfall.
									Thunderstorms developed across central Ohio in a weak shear environment with high instability ahead of a cold front during the afternoon. The storms continued to redevelop across the same locations. The main threat from these storms was large hail, heavy rain, and flooding.
Highland County Hoagland	21	1615EST 1715EST			0	0	0.00K	0.00K	Heavy Rain
									Several inches of water were reported on Route 50 near Mad River Road due to heavy rainfall.
Brown County 1 NW Ripley	21	1742EST 1842EST			0	0	10.00K	0.00K	Flash Flood
									Motorists were stranded on Highway 52 due to high water caused by heavy rainfall.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OHIO, Southwest

Brown County

1 NW Ripley

21	1800EST 1900EST				0	0	10.00K	0.00K	Flash Flood
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High water was reported over Highway 52 near old State Route 68. Fire crews were working to clean up roadways.

Brown County

6 SSW Georgetown

2 ENE Higginsport

21	1800EST 1900EST				0	0	10.00K	0.00K	Flash Flood
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Three to four feet of water was reported over Highway 52 between Higginsport and Ripley. Mud was covering the roadway near Free Soil Road. A tree was downed across A and P Road. Fire crews were working to clean up the roadways. This flooding occurred due to persistent heavy rainfall.

Highland County

4 NNE Willettsville

4 W Hillsboro

21	1915EST 2015EST				0	0	5.00K	0.00K	Flash Flood
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There were numerous reports of rapidly rising water across the central and western parts of the county due to heavy rainfall. More specifically, Highway 50 near Mad River Road, North High Street near Hobart Drive, and Carey Road near Fallsville Wilderness Area were all closed. A ballpark in Hillsboro was submerged.

Ross County

Frankfort

1 WSW Greenland

21	2135EST 2235EST				0	0	0.00K	0.00K	Flood
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A couple of roads were closed in the area due to high water caused by heavy rainfall.

Slow moving thunderstorms in the vicinity of a cold front across southern Ohio produced heavy rainfall. As a result, some areas experienced flash flooding and flooding.

Licking County

6 E Newark

2 S Hanover

28	1346EST 1350EST				0	0			Hail (0.75)
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Licking County

Hanover

28	1355EST 1359EST				0	0			Hail (1.00)
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Isolated thunderstorms developed during the peak daytime heating of the afternoon. One of these storms became severe, with large hail being the main threat.

OKLAHOMA, Eastern

Pawnee County

1 WNW Ralston

01	0000CST 0200CST				0	0	0.00K	0.00K	Flash Flood
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Several county roads were briefly flooded near and just east of Ralston.

Thunderstorms developed over far northeast Oklahoma, in the vicinity of a warm front and an outflow boundary from earlier thunderstorms. Large hail, damaging winds, several tornadoes and flash flooding were observed with these thunderstorms. This event began during the evening hours of April 30th and continued into the early morning hours of May 1st.

Ottawa County

9 WNW North Miami

5 W Miami

01 04	0000CST 0745CST				0	0	0.00K	0.00K	Flood
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The Neosho River near Commerce rose above its flood stage of 15 feet at 1:00 pm CDT April 30th. The river crested at 22.04 feet at 6:00 am CDT on May 2nd, resulting in moderate flooding. The river fell below flood stage at 8:45 am CDT on the 4th.

Widespread and persistent heavy rainfall along a stationary frontal boundary stretching across northeastern Oklahoma and southeastern Kansas resulted in five to eight inch rainfalls across the region from April 29th through May 1st. This heavy rainfall resulted in moderate flooding of the Neosho River near Commerce.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Property Damage	Crops	Character of Storm
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OKLAHOMA, Eastern

Nowata County

3 SE Lenapah

01 0000CST

5 NE Childers

02 2245CST

0 0 0.00K 0.00K Flood

The Verdigris River near Lenapah rose above its flood stage of 30 feet at 8:30 pm CDT on April 30th. The river crested at 35.73 feet at 6:45 pm CDT on May 1st, resulting in moderate flooding. The river fell below flood stage at 11:45 pm CDT on the 2nd.

Widespread and persistent heavy rainfall along a stationary frontal boundary stretching across northeastern Oklahoma and southeastern Kansas resulted in five to eight inch rainfalls across the region from April 29th through May 1st. This heavy rainfall resulted in moderate flooding of the Verdigris River near Lenapah.

Craig County

5 NW Centralia

01 0005CST

0 0 0.00K 0.00K Thunderstorm Wind (61EG)

Strong thunderstorm wind snapped large branches from several hardwood trees.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Craig County

Centralia

01 0011CST

0 0 0.00K 0.00K Thunderstorm Wind (61EG)

Strong thunderstorm wind blew down large trees onto a road.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Wagoner County

2 E Broken Arrow

01 0021CST

0 0 0.00K 0.00K Thunderstorm Wind (61EG)

Thunderstorm wind gusts of up to 70 mph were estimated at the Blue Bell Plant on the east side of Broken Arrow.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Craig County

4 WSW Pyramid Corners

01 0030CST

0 0 0.00K 0.00K Thunderstorm Wind (54MG)

The Oklahoma Mesonet station north of Vinita measured 62 mph thunderstorm wind gusts.

Note: The measured wind gust of 54 knots is equivalent to 62 mph.

Mayes County

Langley

01 0030CST

0 0 2.00K 0.00K Thunderstorm Wind (56EG)

Strong thunderstorm wind damaged the shingles of several homes and blew down large tree limbs.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Craig County

1 NNE Welch

01 0030CST

0032CST

1 150 0 1

250.00K 0.00K Tornado (EF2)

A tornado tore the roof off of a permanent home, shifted another permanent home off its foundation and blew out an exterior wall, turned over an outbuilding, rolled two horse trailers, destroyed a 40' by 60' steel-framed barn, and snapped or uprooted a number of hardwood trees. Maximum estimated wind in the tornado based on this damage was 110 to 120 mph.

Ottawa County

4 WSW Miami

01 0034CST

0 0 5.00K 0.00K Thunderstorm Wind (70EG)

Strong thunderstorm wind blew down power lines and trees.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Ottawa County

Miami

01 0035CST

0 0 5.00K 0.00K Thunderstorm Wind (56EG)

Strong thunderstorm wind blew down large tree limbs and power lines.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Eastern

Rogers County

1 WSW Inola Arpt

01	0045CST				0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
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The Oklahoma Mesonet station east of Inola measured 58 mph thunderstorm wind gusts.

Note: The measured wind gust of 50 knots is equivalent to 58 mph.

Mayes County

1 NE Chouteau

01	0053CST				0	0	10.00K	0.00K	Thunderstorm Wind (52EG)
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Strong thunderstorm wind blew down large tree limbs and damaged shingles on numerous homes.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Okmulgee County

Okmulgee

01	0057CST				0	0	0.00K	0.00K	Hail (0.75)
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Craig County

8 NNW Centralia

01	0152CST				0	0	0.00K	0.00K	Flash Flood
	0600CST				0	0	0.00K	0.00K	Flash Flood

Brush Creek flooded portions of Highway 10 just east of the county line resulting in the road being closed.

Adair County

2 SW Westville

01	0235CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
----	---------	--	--	--	---	---	-------	-------	--------------------------

Strong thunderstorm wind blew down large tree limbs.

Thunderstorms developed over far northeast Oklahoma, in the vicinity of a warm front and an outflow boundary from earlier thunderstorms. Large hail, damaging winds, several tornadoes and flash flooding were observed with these thunderstorms. This event began during the evening hours of April 30th and continued into the early morning hours of May 1st. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Tulsa County

3 SSE Sperry

28	2225CST				0	0	10.00K	0.00K	Thunderstorm Wind (56EG)
----	---------	--	--	--	---	---	--------	-------	--------------------------

Strong thunderstorm wind blew down large tree limbs onto a home in Turley causing some damage to the home.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Craig County

4 WSW Pyramid Corners

28	2319CST				0	0	0.00K	0.00K	Thunderstorm Wind (53MG)
----	---------	--	--	--	---	---	-------	-------	--------------------------

The Oklahoma Mesonet station north of Vinita measured 61 mph thunderstorm wind gusts.

Note: The measured wind gust of 53 knots is equivalent to 61 mph.

Delaware County

3 N Grove

28	2350CST				0	0	10.00K	0.00K	Thunderstorm Wind (70EG)
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Strong thunderstorm wind blew down trees, damaged boat docks, and damaged shingles of several homes near Holdens Cove.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Delaware County

1 ENE West Siloam Spgs

29	0424CST				0	0	0.00K	0.00K	Hail (0.75)
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Thunderstorms developed across northeastern Oklahoma along and ahead of a cold front late on the 28th of May and continued into the early morning hours of the 29th. Damaging winds and large hail were observed with the stronger storms.

Creek County

Bristow

29	1920CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Strong thunderstorm wind blew down large tree limbs.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OKLAHOMA, Eastern									
Creek County Slick	29	1924CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
Estimated 65 mph thunderstorm wind gusts snapped large tree limbs. This event was reported by a storm chaser for a local television station.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Okmulgee County 1 N Beggs	29	1944CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
Estimated 65 mph thunderstorm wind gusts snapped large tree limbs. This event was reported by a storm chaser with a local television station.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Okfuskee County 1 N Lake Okemah	29	1945CST			0	0	0.00K	0.00K	Thunderstorm Wind (70EG)
Strong thunderstorm wind blew down large trees on the north side of Okemah Lake.									
Note: The estimated wind gust of 70 knots is equivalent to 81 mph.									
Okmulgee County 5 W Hector	29	1949CST			0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
The Oklahoma Mesonet station west of Hectorville measured 58 mph thunderstorm wind gusts.									
Note: The measured wind gust of 50 knots is equivalent to 58 mph.									
Tulsa County 2 S Glenpool	29	1950CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
Strong thunderstorm wind gusts estimated to 65 mph snapped large tree limbs at Highway 75 and 161st Street South.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Okfuskee County 1 NNW Okemah	29	2021CST			0	0	5.00K	0.00K	Thunderstorm Wind (70EG)
Strong thunderstorm wind blew trees and power lines.									
Note: The estimated wind gust of 70 knots is equivalent to 81 mph.									
Pittsburg County Mc Alester	29	2144CST			0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
Strong thunderstorm wind damaged a gas station canopy at the Phillips 66 on Highway 69 and Comanche Avenue.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Pittsburg County (MLC)Mc Alester Muni	29	2145CST			0	0	0.00K	0.00K	Thunderstorm Wind (62MG)
The Oklahoma Mesonet station west of McAlester measured 71 mph thunderstorm wind gusts.									
Note: The measured wind gust of 62 knots is equivalent to 71 mph.									
Pittsburg County (MLC)Mc Alester Muni	29	2146CST			0	0	0.00K	0.00K	Thunderstorm Wind (60MG)
The ASOS unit at the McAlester Municipal Airport measured 69 mph thunderstorm wind gusts.									
Note: The measured wind gust of 60 knots is equivalent to 69 mph.									
Pittsburg County 9 SE Scipio	29	2149CST			0	0	0.00K	0.00K	Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Eastern

Latimer County 2 S Degnan

29	2215CST				0	0	0.00K	0.00K	Thunderstorm Wind (52MG)
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The Oklahoma Mesonet station near Wilburton measured 60 mph thunderstorm wind gusts.

Note: The measured wind gust of 52 knots is equivalent to 60 mph.

Delaware County 2 N Grove

29	2220CST				0	0	0.00K	0.00K	Hail (1.00)
----	---------	--	--	--	---	---	-------	-------	-------------

Numerous thunderstorms developed along a cold front moving through eastern Oklahoma on the evening of the 29th. These thunderstorms resulted in damaging winds and large hail.

Osage County Pershing

30	2203CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
----	---------	--	--	--	---	---	-------	-------	--------------------------

Strong thunderstorm wind estimated to around 60 mph blew down large tree limbs near Pershing.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Osage County 10 W Burbank

30	2205CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
----	---------	--	--	--	---	---	-------	-------	--------------------------

Strong thunderstorm wind blew down large tree limbs.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Osage County 1 S Pawhuska

30	2210CST				0	0	0.00K	0.00K	Hail (0.88)
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Washington County Bartlesville

30	2229CST				0	0	0.00K	0.00K	Hail (0.88)
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Washington County 1 E Bartlesville

30	2230CST				0	0	0.00K	0.00K	Thunderstorm Wind (70EG)
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Strong thunderstorm wind blew down large trees onto a road.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Washington County Dewey

30	2232CST				0	0	0.00K	0.00K	Thunderstorm Wind (70EG)
----	---------	--	--	--	---	---	-------	-------	--------------------------

Strong thunderstorm wind blew down large trees.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Washington County Ochelata

30	2240CST				0	0	0.00K	0.00K	Hail (1.00)
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Washington County Ochelata

30	2240CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Strong thunderstorm wind estimated to around 60 mph snapped large tree limbs.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Rogers County 5 NE Collinsville

30	2250CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
----	---------	--	--	--	---	---	-------	-------	--------------------------

Strong thunderstorm wind blew a large dumpster about one half of a block.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Osage County Hominy

30	2255CST				0	0	5.00K	0.00K	Thunderstorm Wind (70EG)
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Strong thunderstorm wind blew down trees and power lines on the west side of town.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Eastern

Rogers County **2 SW Talala**

30	2255CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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Strong thunderstorm wind snapped large tree limbs.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Tulsa County **3 E Bozarth**

30	2335CST				0	0	0.00K	0.00K	Thunderstorm Wind (70EG)
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Strong thunderstorm wind blew down a large tree near E 61st Street South and South Trenton Avenue.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Tulsa County **Sperry**

30	2341CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
----	---------	--	--	--	---	---	-------	-------	--------------------------

Strong thunderstorm wind estimated to near 60 mph snapped large tree limbs.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Rogers County **4 SSE Collinsville**

30	2350CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
----	---------	--	--	--	---	---	-------	-------	--------------------------

Strong thunderstorm wind snapped numerous large tree limbs.

Numerous thunderstorms developed along and ahead of a cold front moving through eastern Oklahoma on the evening of the 30th. These thunderstorms produced widespread damaging winds and some large hail. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

OKLAHOMA, Extreme Southeast

McCurtain County **1 W Broken Bow**

07	1835CST				0	0	0.00K	0.00K	Hail (0.75)
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McCurtain County **1 E Idabel**

07	1950CST				0	0	0.00K	0.00K	Hail (0.88)
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A very unstable airmass developed ahead of a cold front which moved through Southeast Oklahoma during the afternoon and evening hours of May 7th. While the strongest instability was located south and east of McCurtain County, Oklahoma, a few strong storms still developed in the county, some of which produced hail.

OKLAHOMA, Panhandle

OKZ002

Texas

17	1925CST				0	0	0.00K	0.00K	High Wind
	1927CST				0	0	0.00K	0.00K	High Wind

Strong gradient winds caused a non-thunderstorm wind gust during the evening hours across the central Oklahoma Panhandle. There was no damage reported and there were no reports of injuries or fatalities.

OKZ003

Beaver

25	1950CST				0	0	0.00K	0.00K	High Wind
	1951CST				0	0	0.00K	0.00K	High Wind

Strong gradient winds produced a non-thunderstorm wind gust across the eastern Oklahoma Panhandle during the evening hours. There was no report of damage and there were no reports of injuries or fatalities.

Cimarron County **3 SSE Boise City**

26	1935CST				0	0	0.00K	0.00K	Thunderstorm Wind (56MG)
	1936CST				0	0	0.00K	0.00K	Thunderstorm Wind (56MG)

Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Panhandle

Cimarron County 3 SSE Boise City

26	2110CST 2111CST				0	0	0.00K	0.00K	Thunderstorm Wind (56MG)
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Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Cimarron County 3 SSE Boise City

26	2115CST 2116CST				0	0	0.00K	0.00K	Thunderstorm Wind (52MG)
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Severe thunderstorms produced thunderstorm wind gusts across the western Oklahoma Panhandle during the late evening hours. There was no damage reported and there were no reports of injuries or fatalities. Note: The measured wind gust of 52 knots is equivalent to 60 mph.

Beaver County 6 NW Knowles

30	1912CST 1914CST				0	0	0.00K	0.00K	Hail (1.00)
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Texas County 1 SE Hooker

30	2234CST 2236CST				0	0	0.00K	0.00K	Hail (0.75)
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Severe thunderstorms produced hail across the central and eastern Oklahoma Panhandle during the evening hours. There was no damage reported and there were no reports of injuries or fatalities.

OKLAHOMA, Western Central and Southeast

OKZ004-009-033-036>037

Ellis - Greer - Harmon - Harper - Jackson - Tillman

01	0000CST				0	0			Drought
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31
With continually dry conditions across western Oklahoma, the ongoing drought worsened. A few areas reached D2-Moderate to D3-Severe drought status by the end of the month.

Tillman County Loveland

04	1642CST				0	0	0.00K	0.00K	Hail (1.00)
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Tillman County Grandfield

04	1655CST				0	0	0.00K	0.00K	Hail (1.25)
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Tillman County 3 W Grandfield

04	1700CST				0	0	0.00K	0.00K	Thunderstorm Wind (59MG)
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Note: The measured wind gust of 59 knots is equivalent to 68 mph.

Tillman County Grandfield

04	1703CST				0	0			Hail (2.75)
----	---------	--	--	--	---	---	--	--	-------------

Damage occurred to numerous vehicles and homes in Grandfield. Monetary damage estimates were not available.

Tillman County 5 ENE Loveland

04	1710CST				0	0	0.00K	0.00K	Hail (1.75)
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Tillman County 2 W Grandfield

04	1710CST				0	0	2.00K	0.00K	Thunderstorm Wind (56EG)
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A couple power lines were downed.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Cotton County 1 W Randlett

04	1723CST				0	0	0.00K	0.00K	Hail (1.00)
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The hail was reported on Interstate 44 near the Randlett exit.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

OKLAHOMA, Western Central and Southeast

Cotton County
5 SW Randlett

04	1734CST				0	0			Hail (2.75)
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The hail was reported near I-44. Damage was reported to numerous cars in the parking lot of the casino.

Cotton County
2 WNW Randlett

04	1740CST				0	0	0.00K	0.00K	Hail (1.75)
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A large supercell thunderstorm developed near a dry line that was located over western Oklahoma, and extended south into north Texas. Very large, damaging hail was reported, with many vehicles and buildings sustaining window damage. The supercell moved east-southeast, finally crossing the Red River north of Wichita Falls, TX.

Woodward County
Sharon

19	1628CST				0	0			Hail (1.00)
	1629CST								

Roger Mills County
9 N Angora

19	1650CST				0	0			Hail (1.00)
	1651CST								

Roger Mills County
6 N Angora

19	1719CST				0	0			Hail (1.75)
	1720CST								

Dewey County
7 NNE Leedey

19	1748CST				0	0			Hail (1.00)
	1749CST								

Roger Mills County
10 S Cheyenne

19	1834CST				0	0			Hail (1.00)
	1836CST								

Woodward County
4 W Mutual

19	1848CST				0	0			Hail (1.00)
	1849CST								

Beckham County
4 NNE Elk City

19	1855CST				0	0			Hail (1.75)
	1856CST								

Custer County
4 W Stafford

19	1936CST				0	0			Hail (1.00)
	1937CST								

Beckham County
4 S Elk City

19	1950CST				0	0	0.00K	0.00K	Hail (2.75)
	1951CST								

Hail ranged in size from 2.75 to 1.25 inches in diameter and fell at several locations around the Elk City area. No damage was reported.

Beckham County
5 N Carter

19	2010CST				0	0			Hail (1.75)
	2011CST								

The hail fell east of the junction of highways 34 and 52.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

OKLAHOMA, Western Central and Southeast

Greer County
2 N Willow

19	2029CST 2030CST				0	0			Hail (1.00)
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Greer County
Mangum

19	2145CST 2146CST				0	0			Hail (1.00)
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Greer County
3 NW Mangum

19	2147CST 2148CST				0	0			Hail (2.50)
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Numerous hailstones covered the ground.

Greer County
Mangum

19	2149CST 2150CST				0	0			Hail (1.75)
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Kiowa County
4 SE Hobart

19	2150CST				0	0			Thunderstorm Wind (50MG)
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Note: The measured wind gust of 50 knots is equivalent to 58 mph.

Jackson County
6 W Altus

19	2245CST 2246CST				0	0			Hail (1.75)
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Jackson County
Altus

19	2259CST 2300CST				0	0	0.00K	0.00K	Hail (1.00)
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Jackson County
(LTS)Altus Afb

19	2305CST 2306CST				0	0			Hail (1.00)
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Jackson County
2 E Altus

19	2305CST 2306CST				0	0			Hail (1.00)
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Jackson County
(LTS)Altus Afb

19	2307CST				0	0			Thunderstorm Wind (51MG)
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Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Washita County
1 NE Cordell

19	2321CST 2322CST				0	0			Hail (1.00)
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Grady County
2 SW Minco

19	2325CST				0	0			Thunderstorm Wind (55MG)
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Note: The measured wind gust of 55 knots is equivalent to 63 mph.

Oklahoma County
(OKC)Will Rogers Apt

20	0003CST				0	0			Thunderstorm Wind (61MG)
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Occurred at Will Rogers World Airport.
Note: The measured wind gust of 61 knots is equivalent to 70 mph.

Cleveland County
Moore

20	0010CST				0	0			Thunderstorm Wind (52EG)
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A trained spotter estimated the wind gust along interstate 35 between southwest 134th and 89th streets. Light tree damage was also reported, with small limbs downed. No other damage was reported.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western Central and Southeast

Washita County

4 NNE Rocky 20 0020CST
0021CST 0 0 Hail (1.25)

Cleveland County

5 ENE Lake Thunderbird Dam 20 0040CST
0041CST 0 0 Thunderstorm Wind (58MG)

Note: The measured wind gust of 58 knots is equivalent to 67 mph.

Garvin County

1 N Elmore City 20 0220CST
0221CST 0 0 Hail (1.00)

A cold front moved into northwest Oklahoma during the late afternoon. With high instability and strong southwesterly winds aloft, severe thunderstorms developed rapidly along the dryline/cold front over western Oklahoma. Storms lasted well into the evening and overnight, producing large hail and damaging winds over much of west and southwest Oklahoma.

Beckham County

5 S Erick 25 1814CST
1815CST 0 0 Hail (1.00)

Beckham County

1 N Erick 25 1830CST
1831CST 0 0 Hail (1.00)

Ellis County

8 WSW Arnett 25 1925CST 0 0 0.00K 0.00K Thunderstorm Wind (63MG)

A heat burst within the anvil of the parent storm generated a 72 mph wind gust. No damage was reported.

Note: The measured wind gust of 63 knots is equivalent to 72 mph.

Roger Mills County

1 SE Reydon 25 1925CST 0 0 15.00K Thunderstorm Wind (61EG)

A steel framed barn of 18 by 16 feet was blown apart with debris scattered up to 400 feet. This wind gust was generated in a heat burst outside of the parent thunderstorm. Monetary damages estimated.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Roger Mills County

3 N Dempsey 25 1935CST
1936CST 0 0 Hail (1.00)

Ellis County

2 SSW Gage 25 1942CST 0 0 Thunderstorm Wind (54MG)

A heat burst within the anvil of the parent thunderstorm generated a 62 mph wind gust. No damage was reported.

Note: The measured wind gust of 54 knots is equivalent to 62 mph.

Ellis County

2 SSW Gage 25 2039CST 0 0 Thunderstorm Wind (53MG)

A heat burst within the anvil of the parent storm generated a 61 mph wind gust. No damage was reported.

Note: The measured wind gust of 53 knots is equivalent to 61 mph.

Woodward County

2 WSW Woodward 25 2115CST 0 0 25.00K Thunderstorm Wind (65MG)

The Mesonet site 2 miles southwest of Woodward measured a 75 mph wind gust. Law enforcement in Woodward reported roof damage to the local Dairy Queen as well as toppled power poles. This wind was generated by a heat burst away from the parent thunderstorm. Monetary damages were estimated.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western Central and Southeast

A sharp dryline emerged from the Texas panhandle and Oklahoma border region beneath moderate westerly flow aloft. High instability and favorable wind fields across western Oklahoma lead to a few severe storms that produced large hail and strong winds. Heat bursts also generated severe winds and wind damage at several locations as the thunderstorms were weakening. Note: The measured wind gust of 65 knots is equivalent to 75 mph.

Tillman County Hollister	28	1657CST			0	0	0.00K	0.00K	Hail (1.00)
Garvin County 2 S Lindsay	28	1701CST			0	0	0.00K	0.00K	Hail (1.25)
Tillman County 3 E Hollister	28	1703CST			0	0	0.00K	0.00K	Hail (1.00)
Comanche County Chattanooga	28	1727CST			0	0	0.00K	0.00K	Hail (1.75)
Stephens County 8 W Duncan	28	1729CST			0	0	0.00K	0.00K	Hail (1.75)
Stephens County 1 NNW Duncan	28	1736CST			0	0	0.00K	0.00K	Hail (1.00)
Comanche County Faxon	28	1739CST			0	0	0.00K	0.00K	Hail (1.25)
Stephens County 6 NNW Duncan	28	1740CST			0	0	0.00K	0.00K	Hail (1.75)
Stephens County 2 SSE Marlow	28	1745CST			0	0	0.00K	0.00K	Hail (1.75)
Carter County 2 WNW Healdton	28	1800CST			0	0	0.00K	0.00K	Hail (1.25)
Comanche County 7 S Sterling	28	1813CST			0	0	0.00K	0.00K	Hail (2.75)
Comanche County 8 S Sterling	28	1818CST			0	0	210.00K		Thunderstorm Wind (56MG)

Wind damage was also reported in the area with several power poles snapped at ground level and damage to many cars and residential roofs. A large cell tower toppled on the east side of Lawton. Monetary damages are estimated.

Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Garvin County 4 S Lindsay	28	1822CST			0	0	0.00K	0.00K	Hail (1.50)
Grady County 2 E Tabler	28	1825CST			0	0	0.00K	0.00K	Hail (1.00)
Garvin County 5 ESE Lindsay	28	1826CST			0	0	0.00K	0.00K	Hail (2.50)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western Central and Southeast									
Garvin County 2 S Lindsay	28	1827CST			0	0	0.00K	0.00K	Hail (2.00)
Garvin County 3 NW Maysville	28	1850CST			0	0	0.00K	0.00K	Hail (2.50)
Grady County 5 ENE Alex	28	1852CST			0	0			Hail (1.00)
McClain County 2 ENE Blanchard	28	1902CST			0	0			Hail (1.25)
Payne County 10 W Stillwater	28	1915CST			0	0			Hail (1.75)
Canadian County Okarche	28	1928CST			0	0			Hail (1.00)
McClain County 3 S Dibble	28	1933CST			0	0	0.00K	0.00K	Hail (1.00)
Cleveland County 4 SW Stella	28	1944CST			0	0			Hail (1.75)
Canadian County Okarche	28	1945CST			0	0			Hail (1.00)
Payne County Stillwater	28	1945CST			0	0			Hail (1.00)
Kingfisher County 1 NW Okarche	28	1953CST			0	0	0.00K	0.00K	Hail (1.00)
Canadian County Okarche	28	2002CST			0	0			Hail (1.75)
Canadian County Okarche	28	2016CST			0	0			Hail (1.00)
Lincoln County Carney	28	2027CST			0	0			Thunderstorm Wind (52EG)
No damage was reported.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Lincoln County 2 NNE Warwick	28	2043CST			0	0			Hail (2.00)
Canadian County 3 WNW Concho	28	2050CST			0	0			Hail (1.75)

A potent mid-latitude storm system moved across the Northern Plains the afternoon of the 29th, bringing a potent cold front into western Oklahoma early in the day. The front combined with moderate afternoon instability and moderate to strong upper level westerly winds to generate numerous severe thunderstorms across central Oklahoma. Numerous reports of large hail and damaging winds were received.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

OKLAHOMA, Western Central and Southeast

Jackson County Headrick	29	1611CST			0	0			Hail (1.75)
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Jackson County Headrick	29	1618CST			0	0			Hail (1.75)
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Jackson County 1 S Headrick	29	1620CST			0	0			Hail (1.00)
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Jackson County 1 N Headrick	29	1620CST			0	0			Hail (1.00)
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Blaine County 3 N Okeene	29	1622CST			0	0			Hail (1.50)
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Tillman County 10 NNE Tipton	29	1623CST			0	0			Hail (1.25)
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The report was from highway 62 one mile east of the Tillman county line.

Alfalfa County 2 W Burlington	29	1624CST			0	0	0.00K	0.00K	Hail (1.00)
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Blaine County 3 N Okeene	29	1633CST			0	0			Hail (2.00)
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Tillman County 2 W Davidson	29	1635CST			0	0			Hail (1.75)
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Alfalfa County 2 W Jet	29	1645CST			0	0			Hail (1.75)
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Tillman County 3 N Manitou	29	1656CST			0	0			Hail (1.75)
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Hail was reported on the Tillman county line along highway 183.

Kingfisher County 2 W Lacey	29	1701CST			0	0			Hail (2.75)
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No damage was reported.

Blaine County 6 E Okeene	29	1703CST			0	0			Hail (3.00)
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No damage was reported.

Tillman County 6 E Davidson	29	1722CST			0	0			Hail (1.50)
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Major County 4 E Meno	29	1723CST			0	0			Hail (2.00)
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Garfield County Lahoma	29	1726CST			0	0	0.00K	0.00K	Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western Central and Southeast

Major County

2 ENE Meno 29 1735CST 0 0 Hail (3.00)

No damage was reported.

Garfield County

Hillsdale 29 1749CST 0 0 Hail (1.25)

Major County

6 NE Ames 29 1749CST 0 0 Hail (1.75)

Grady County

2 SW Minco 29 1755CST 0 0 Thunderstorm Wind (58MG)

Note: The measured wind gust of 58 knots is equivalent to 67 mph.

Caddo County

5 S Anadarko 29 1758CST 0 0 0.00K 0.00K Hail (1.00)

Caddo County

Anadarko 29 1804CST 0 0 Hail (1.75)

Kingfisher County

1 E Loyal 29 1806CST 0 0 Hail (1.50)

Kingfisher County

5 E Loyal 29 1808CST 0 0 Hail (2.75)

No damage was reported.

Garfield County

6 SSE Drummond 29 1813CST 0 0 Hail (1.75)

Kingfisher County

5 SW Dover 29 1816CST 0 0 Hail (2.00)

Kingfisher County

5 N Kingfisher 29 1817CST 0 0 Hail (1.50)

Grady County

2 ESE Verden 29 1827CST 0 0 0.00K 0.00K Hail (1.00)

Hail was reported by emergency management located 4 miles west of highway 81 on county road 1290.

Kingfisher County

5 E Kingfisher 29 1838CST 0 0 Hail (4.25)

No damage was reported.

Grady County

4 SSE Amber 29 1843CST 0 0 Hail (1.25)

Kingfisher County

1 E Kingfisher 29 1845CST 0 0 Hail (2.75)

Estimated wind gusts of 70 to 80 mph were also reported with the hail.

Kingfisher County

2 S Kingfisher 29 1848CST 0 0 Hail (3.00)

No damage was reported.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western Central and Southeast

Mcclain County 3 W Newcastle	29	1850CST			0	0			Hail (2.75)
Grady County Bridge Creek	29	1854CST			0	0			Hail (1.75)
Kingfisher County 5 SE Kingfisher	29	1854CST			0	0			Hail (4.50)
			No damage was reported.						
Mcclain County 1 SW Newcastle	29	1859CST			0	0			Hail (1.00)
Oklahoma County 2 NE Warr Acres	29	1902CST			0	0			Hail (1.50)
Oklahoma County (OKC)Will Rogers Apt	29	1913CST			0	0			Thunderstorm Wind (55MG)
			No damages were reported. Note: The measured wind gust of 55 knots is equivalent to 63 mph.						
Canadian County 6 NNW Piedmont	29	1915CST			0	0			Hail (5.00)
			No damage was reported.						
Oklahoma County 1 NNE (OKC)Will Rogers Apt	29	1915CST			0	0			Hail (1.75)
			The hail report was near the intersection of Southwest 89th Street and Penn Avenue.						
Oklahoma County (PWA)Wiley Post Apt	29	1918CST			0	0			Thunderstorm Wind (53MG)
			Note: The measured wind gust of 53 knots is equivalent to 61 mph.						
Oklahoma County (OKC)Will Rogers Apt	29	1919CST			0	0	150.00M		Hail (3.00)
			Numerous reports of damage were received from the Oklahoma City area along with at least two injuries. Multiple power poles were toppled and several buildings received window and roof damage. Vehicles were also damaged due to the large hail. Monetary damage estimates were based on a combination of several media damage estimates.						
Oklahoma County 3 SW Oklahoma City	29	1923CST			0	0	200.00K	0.00K	Hail (1.75)
			The hail was reported at the intersection of 16th and interstate 44.						
Canadian County 2 S Piedmont	29	1925CST			0	0			Hail (4.25)
			The hail was reported at Piedmont road and Northwest Expressway. Damage information was not available.						
Canadian County 4 N Piedmont	29	1925CST			0	0	0.00K	0.00K	Hail (4.00)
			No damage was reported.						

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

OKLAHOMA, Western Central and Southeast

Canadian County

3 WSW Piedmont

29	1926CST 1928CST	1	30	0	0	5.00K		Tornado (EF1)
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Numerous people observed a small tornado that touched down near northwest 150th Street and Richland Road to the WSW of Piedmont. The tornado damaged the roof of a trailer. Monetary damages estimated.

Oklahoma County

Nichols Hills

29	1927CST			0	0	250.00M		Hail (2.75)
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Widespread hail damage was reported with sizes ranging from 1.25 to 2.75 inches. 8,000 to 10,000 vehicles and numerous homes were damaged in the Edmond and Nichols Hills areas. Monetary damages were based on estimates from several media outlets.

Oklahoma County

3 WNW Oklahoma City

29	1927CST			0	0			Hail (1.75)
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The hail was reported at Southwest 10th and May avenue.

Oklahoma County

5 W Edmond

29	1930CST			0	0			Hail (2.50)
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Oklahoma County

Edmond

29	1930CST			0	0	200.00K	0.00K	Hail (1.75)
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The hail was reported at 15th and Santa Fe.

Oklahoma County

3 W Oklahoma City

29	1930CST			0	0	10.00K		Hail (1.75)
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The hail was reported near Northwest 10th and May avenue with tree damage also reported.

Oklahoma County

2 NNE (OKC)Will Rogers Apt

29	1932CST			0	0	50.00M	0.00K	Hail (2.75)
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The hail was reported at Southwest 74th and May avenue. Damage to vehicles and homes was also reported around the Oklahoma City metro area. Damage estimates are based on several media estimates.

Oklahoma County

2 NNW The Village

29	1936CST			0	0			Hail (2.75)
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The hail was reported at 122nd and Penn avenue.

Oklahoma County

1 NW Edmond

29	1939CST			0	0			Hail (1.75)
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The hail was reported at Danforth and Kelly avenue.

Oklahoma County

1 S Edmond

29	1939CST			0	0			Hail (1.50)
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Canadian County

5 SSE Piedmont

29	1940CST			0	0			Hail (1.25)
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Oklahoma County

3 NNE The Village

29	1940CST			0	0			Hail (3.00)
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Oklahoma County

2 ENE Warr Acres

29	1940CST			0	0			Hail (1.50)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western Central and Southeast

Oklahoma County

4 N (PWA)Wiley Post Apt	29	1940CST			0	0			Hail (1.25)
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Kingfisher County

1 W Kingfisher	29	1940CST			0	0			Thunderstorm Wind (50MG)
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Note: The measured wind gust of 50 knots is equivalent to 58 mph.

Oklahoma County

3 SW Edmond	29	1940CST			0	0	100.00K	0.00K	Thunderstorm Wind (65EG)
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Ten power poles were blown down near 150th and Western avenue. Monetary damages estimated.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Oklahoma County

3 NNE The Village	29	1940CST			0	0			Thunderstorm Wind (61EG)
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The wind gust was reported at 150th and Santa Fe. No damage was reported.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Oklahoma County

1 NNE (PWA)Wiley Post Apt	29	1944CST			0	0			Hail (1.75)
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The hail was reported at Council road and Northwest 85th.

Oklahoma County

2 SW The Village	29	1945CST			0	0			Hail (1.00)
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Oklahoma County

Oklahoma City	29	1945CST			0	0			Hail (2.75)
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The hail was reported at Western and Memorial.

Oklahoma County

Oklahoma City	29	1945CST			0	0			Thunderstorm Wind (65EG)
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Wind gusts of 70 to 75 mph estimated at Western and Memorial. No damage was reported.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Logan County

4 N Seward	29	2005CST			0	0			Thunderstorm Wind (61MG)
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Note: The measured wind gust of 61 knots is equivalent to 70 mph.

Canadian County

4 SW Concho	29	2010CST			0	0			Thunderstorm Wind (50MG)
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Note: The measured wind gust of 50 knots is equivalent to 58 mph.

Canadian County

4 SW Concho	29	2015CST			0	0			Thunderstorm Wind (52MG)
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Note: The measured wind gust of 52 knots is equivalent to 60 mph.

Canadian County

3 W Union City	29	2015CST 2016CST	1	30	0	0			Tornado (EF0)
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Storm chasers observed a small tornado to the west of Union City. Some light damage was reported near Reformatory Road to the south of southwest 74th Street.

Canadian County

5 S Calumet	29	2016CST			0	0			Hail (1.50)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OKLAHOMA, Western Central and Southeast									
Canadian County 7 W Calumet	29	2016CST			0	0			Hail (2.00)
									No damage was reported.
Canadian County 2 E Union City	29	2029CST			0	0	0.00K	0.00K	Hail (1.75)
Canadian County 4 S Calumet	29	2029CST			0	0			Hail (1.25)
Grady County 2 WNW Tuttle	29	2036CST			0	0			Hail (1.25)
Grady County 2 SW Minco	29	2040CST			0	0			Thunderstorm Wind (62MG)
									Note: The measured wind gust of 62 knots is equivalent to 71 mph.
Seminole County 1 E Seminole	29	2045CST			0	0	150.00K	0.00K	Thunderstorm Wind (65EG)
									A metal canopy was flipped, causing damage to the main airplane hangar at Seminole airport including minor damage to several planes. Several small trees were blown down along with one power pole. Two portable buildings were also destroyed. Monetary damages are estimated.
									Note: The estimated wind gust of 65 knots is equivalent to 75 mph.
Canadian County 6 W Mustang	29	2046CST			0	0			Hail (2.50)
									No damage was reported.
Grady County 1 W Tuttle	29	2046CST			0	0			Hail (1.75)
Grady County 1 W Tuttle	29	2049CST			0	0			Thunderstorm Wind (61EG)
									No damage was reported.
									Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Canadian County 3 S Mustang	29	2100CST			0	0			Hail (1.75)
Grady County 2 SW Minco	29	2100CST			0	0			Thunderstorm Wind (62MG)
									Note: The measured wind gust of 62 knots is equivalent to 71 mph.
Hughes County Holdenville	29	2100CST			0	0	40.00K	0.00K	Thunderstorm Wind (61EG)
									One large metal roof was blown off a building in downtown Holdenville with widespread tree damage also reported. Monetary damages are estimated.
									Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Hughes County Holdenville	29	2102CST			0	0			Thunderstorm Wind (52MG)
									Note: The measured wind gust of 52 knots is equivalent to 60 mph.
Oklahoma County (OKC)Will Rogers Apt	29	2102CST			0	0			Thunderstorm Wind (66MG)
									Note: The measured wind gust of 66 knots is equivalent to 76 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western Central and Southeast

Grady County

Amber	29	2106CST			0	0			Thunderstorm Wind (61EG)
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Emergency manager estimated wind gusts of 65 to 70 mph.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

McClain County

1 SW Newcastle	29	2112CST			0	0			Thunderstorm Wind (70EG)
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National Weather Service meteorologist estimated 70 to 80 mph wind gusts near Newcastle. No damage was reported.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Cleveland County

2 E (OUN)Norman Westheimer Apt	29	2116CST			0	0	5.00K		Thunderstorm Wind (52EG)
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Public reported damage to numerous trees with limbs down. Damages estimated.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Cleveland County

1 S (OUN)Norman Westheimer Apt	29	2122CST			0	0	300.00K		Thunderstorm Wind (61EG)
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Wind gusts were estimated at 65 to 70 mph.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Cleveland County

1 S (OUN)Norman Westheimer Apt	29	2125CST			0	0			Thunderstorm Wind (56MG)
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Note: The measured wind gust of 56 knots is equivalent to 64 mph.

McClain County

1 N Blanchard	29	2128CST			0	0			Hail (1.25)
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Cleveland County

1 S (OUN)Norman Westheimer Apt	29	2130CST			0	0			Thunderstorm Wind (54MG)
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Note: The measured wind gust of 54 knots is equivalent to 62 mph.

Cleveland County

1 NW Norman	29	2130CST			0	0			Thunderstorm Wind (61EG)
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The wind gust was reported near Northwest 24th and Robinson Street.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Cleveland County

Norman	29	2131CST			0	0	1.00M		Thunderstorm Wind (61EG)
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Spotter reported 70 mph wind gusts with several street signs blown down. Numerous homes received light to moderate fence damage with some minor roof damage. Monetary damages are estimated.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

McClain County

Purcell	29	2133CST			0	0	5.00K		Thunderstorm Wind (52EG)
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Wind gusts downed several 6 to 8 inch diameter tree limbs. Damages estimated.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Hughes County

Wetumka	29	2138CST			0	0	50.00K	0.00K	Thunderstorm Wind (52EG)
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Emergency management reported numerous power poles down down with one tree blown onto a residence. Damages estimated.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western Central and Southeast

Stephens County 2 W Velma	29	2233CST			0	0			Hail (1.75)
Stephens County 1 NNW Duncan	29	2301CST			0	0			Hail (1.00)
Bryan County 1 NE Durant Eaker Arpt	29	2335CST			0	0			Thunderstorm Wind (59MG)
Note: The measured wind gust of 59 knots is equivalent to 68 mph.									
Love County 1 S Marietta	30	0010CST			0	0			Hail (1.00)
Love County 5 NW Rubottom	30	0200CST			0	0			Hail (1.00)
Love County 5 NW Rubottom	30	0200CST			0	0			Thunderstorm Wind (61EG)
No damage was reported.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Oklahoma County Oklahoma City	30	0457CST			0	0			Hail (1.00)
Canadian County 5 SSE Piedmont	30	0520CST			0	0			Hail (2.25)
No damage was reported.									
Oklahoma County Bethany	30	0600CST			0	0			Hail (1.25)
A surface low developed over the Texas Panhandle through the day, lifting a stationary front northward as a warm front across Oklahoma. As the surface low deepened, a potent dryline developed over western Oklahoma. Despite somewhat marginal upper level winds for supercells, effective shear was highly supportive of sustained rotating thunderstorms which propagated east-southeastward through the afternoon. Storms began during the mid to late afternoon over parts of north-central and northwest Oklahoma, and migrated southward into the Oklahoma City metropolitan area by evening. Significant damage occurred across the Oklahoma City area due to very large hail and severe winds. A couple of brief tornadoes also occurred northwest of Oklahoma City. Total damages of \$400 to \$500 million were estimated across the Oklahoma City Metropolitan area.									
Kingfisher County 10 S Omega	30	1800CST			0	0			Hail (1.00)
Blaine County 2 N Geary	30	1802CST			0	0			Hail (1.50)
Cotton County Cookietown	30	1815CST			0	0			Thunderstorm Wind (52EG)
Public reported 60 mph winds. No damage was reported.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Jefferson County 4 SSE Addington	30	1900CST			0	0			Thunderstorm Wind (52EG)
Public report of estimated 60 mph wind gusts. No damage was reported.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western Central and Southeast

Love County

7 NW Rubottom	30	1958CST			0	0			Thunderstorm Wind (52EG)
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Public estimated 60 mph wind gust. No damage was reported.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Alfalfa County

Carmen	30	2030CST			0	0	100.00K		Thunderstorm Wind (65EG)
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Widespread damage reported in Carmen. Three foot diameter tree limbs down with loss of electricity to most of the town. Damages are estimated.
Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Harper County

1 SW Buffalo	30	2030CST			0	0			Thunderstorm Wind (56MG)
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Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Harper County

1 SW Buffalo	30	2035CST			0	0			Thunderstorm Wind (52MG)
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Note: The measured wind gust of 52 knots is equivalent to 60 mph.

Woods County

3 WNW Hopeton	30	2045CST			0	0			Thunderstorm Wind (55MG)
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Note: The measured wind gust of 55 knots is equivalent to 63 mph.

Woods County

2 S Alva	30	2045CST			0	0			Thunderstorm Wind (54MG)
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Note: The measured wind gust of 54 knots is equivalent to 62 mph.

Kay County

Newkirk	30	2047CST			0	0			Thunderstorm Wind (52EG)
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Estimated 60 mph wind gusts near Newkirk. No damage was reported.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Harper County

3 E Buffalo	30	2107CST			0	0	50.00K		Thunderstorm Wind (61EG)
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Several power poles blown down. Damages are estimated.
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Dewey County

3 N Putnam	30	2140CST			0	0			Thunderstorm Wind (50MG)
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Note: The measured wind gust of 50 knots is equivalent to 58 mph.

Carter County

4 SSW Springer	30	2151CST			0	0			Thunderstorm Wind (52MG)
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Note: The measured wind gust of 52 knots is equivalent to 60 mph.

Carter County

4 SSW Springer	30	2153CST			0	0			Thunderstorm Wind (56MG)
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Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Garfield County

1 E (END)Vance Afb Enid	30	2155CST			0	0			Thunderstorm Wind (51MG)
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Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Kingfisher County

10 S Omega	30	2200CST			0	0			Thunderstorm Wind (52EG)
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Public estimated 50 to 60 mph wind gusts. No damage was reported.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western Central and Southeast

Custer County

4 WSW Weatherford	30	2210CST			0	0			Thunderstorm Wind (56MG)
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Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Canadian County

4 SW Concho	30	2225CST			0	0			Thunderstorm Wind (53MG)
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Note: The measured wind gust of 53 knots is equivalent to 61 mph.

Grady County

2 SW Minco	30	2240CST			0	0			Thunderstorm Wind (59MG)
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Note: The measured wind gust of 59 knots is equivalent to 68 mph.

Canadian County

1 NW Yukon	30	2249CST			0	0			Thunderstorm Wind (56EG)
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Public report of 60 to 65 mph wind gusts. No damage was reported.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Oklahoma County

(OKC)Will Rogers Apt	30	2254CST			0	0			Thunderstorm Wind (51MG)
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Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Grady County

2 NNW Ninnekah	30	2300CST			0	0			Thunderstorm Wind (64MG)
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Another active weather day occurred across parts of Oklahoma as a surface low deepened across the Texas Panhandle. This drove a dryline into western Oklahoma during the late afternoon hours. Severe storms developed rapidly along and ahead of the dryline in a moist and unstable environment with upper level winds support of sustained supercell storms. Large hail and damaging winds were reported over a large area. Note: The measured wind gust of 64 knots is equivalent to 74 mph.

OREGON, Central and East

Grant County

Dale	03	1230PST			0	0	1.00K	0.00K	Thunderstorm Wind (52EG)
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Several pine trees were downed. The wind was accompanied by pea sized hail.

An upper level disturbance combined with daytime heating to produce scattered thunderstorms with local damage across the northeast Oregon mountains. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

ORZ505

John Day Basin

26	1410PST				0	0	0.5K	0.00K	Strong Wind
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A gustnado with brief gusty swirling winds caused minor damage at a residence 4 miles southeast of Mount Vernon. Sheet metal was pulled off a building and boards were twirled around.

OREGON, Southwest

ORZ029

Klamath Basin

18	0000PST				0	0	0.00K	0.00K	Frost/Freeze
	0700PST								

An unseasonably cold air mass brought freezing temperature to south central Oregon.

19	0300PST				0	0	0.00K	0.00K	Frost/Freeze
	0700PST								

A cold air mass in place over the area made for cold low temperatures this night.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons	Estimated Damage	Character of Storm
					Killed	Injured	Property Crops

PENNSYLVANIA, Central

McKean County 1 SE Bradford	02	1904EST			0	0	0.00K 0.00K	Hail (1.00)
McKean County 1 SE Bradford	02	1905EST 1910EST			0	0	0.00K 0.00K	Hail (1.25)



Hailstones in Bradford, PA.

McKean County 1 SE Bradford	02	1911EST			0	0	0.00K 0.00K	Hail (0.88)
McKean County 2 SW Turtlepoint	02	1946EST			0	0	10.00K 0.00K	Thunderstorm Wind (61EG)

Thunderstorm winds knocked down several trees and power lines on Route 446 in Keating Township. The winds also flipped a large camper on its side.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.



Thunderstorm winds knock over a camper in McKean County near Diegel Hollow in Keating Township.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, Central

Potter County 1 E Galeton

02	2005EST				0	0	0.00K	0.00K	Hail (1.00)
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Potter County 2 E Inez

02	2013EST				0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds knocked damaged the siding and removed some shingles from several homes.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Potter County 3 E Inez

02	2015EST				0	0	0.00K	0.00K	Hail (1.00)
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Potter County 2 ENE Inez 2 SW Sweden Vly

02	2015EST				0	0	75.00K	0.00K	Tornado (EF0)
	2016EST		0.39	25	0	0	75.00K	0.00K	Tornado (EF0)

Severe thunderstorms spawned a brief tornado near Ayers Hill. A survey team consisting of the National Weather Service and County Emergency Management concluded that the tornado touched down near the intersection of Cherry Tree Lane and First Fork Road /SR 3003/ just west of Ayers Hill. The tornado moved east-northeast intermittently touching down for about a half mile before lifting near Gates Hill Road. There were several witnesses who saw a funnel cloud prior to taking shelter in their homes. Damage included uprooting about 30 trees, damaging two barns, and producing some minor roof damage to 4 homes. In addition, a large trailer was overturned, totaling two vehicles which it landed on. A vehicle was blown off First Fork Road as the tornado moved overhead. Peak winds were estimated at 75 mph, making the tornado an EF0. There were no injuries or fatalities.



Overturned trailer in Ayers Hill caused by tornado.

Elk County 1 ENE Ridgway

02	2025EST				0	0	0.00K	0.00K	Hail (1.75)
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A cluster of Severe Thunderstorms moved across the northern tier of Central Pennsylvania during the evening hours of May 2nd, producing large hail and pockets of wind damage. A weak EF0 tornado was also confirmed in Potter County near Ayers Hill.

Dauphin County 1 NE Lenkerville

04	1722EST				0	0	0.00K	0.00K	Hail (1.00)
	1728EST				0	0	0.00K	0.00K	Hail (1.00)

Hail ranging in size from nickel /0.88 inch/ to quarter /1.00 inch/ fell in Millersburg. The hail fell for approximately 6 minutes.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
PENNSYLVANIA, Central									
Dauphin County 1 NE Lenkerville	04	1725EST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Thunderstorm winds knocked down large tree limbs. An isolated severe thunderstorm produced wind damage and hail in Dauphin County. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Clearfield County 1 SE Clearfield	16	1425EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph knocked down several trees in Clearfield Borough and Lawrence Township. A sharp cold front moved into a marginally moist and unstable air mass over central Pennsylvania, triggering isolated thunderstorms over the northern half of the region. A small cluster of storms intensified as they moved quickly from west to east across Clearfield County. These storms produced localized damaging winds in and around the Borough of Clearfield. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Centre County 1 S Bellefonte	26	1335EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph knocked down several trees from Bellefonte and Milesburg northeast to around Howard and Bald Eagle State Park. Minor structural damaged was observed in some areas due to the downed trees. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Lycoming County 1 E Linden	26	1500EST			0	0			Hail (0.88)
Nickel size hail reported near Linden.									
Schuylkill County 1 WNW Mc Adoo Sheppton	26	1515EST 1800EST			0	0	0.00K	0.00K	Flash Flood
Heavy rain from slow moving thunderstorms produced flash flooding over the northeastern-third of the county or along and east of Routes 209/309. The McAdoo area experienced some of the worst flooding with 31 homes affected. A railroad crossing was also washed out. Widespread flooding was reported in Schuylkill Township in and around the Tuscarora area.									
Schuylkill County 1 E Sheppton	26	1515EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph damaged a roof at an industrial complex near Sheppton in East Union Township. Widespread thunderstorms developed across central Pennsylvania during the afternoon. Several of these storms became severe producing damaging winds and flash flooding. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Elk County 1 E Ridgway	27	1530EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph knocked down trees in Ridgway. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Clearfield County 1 E Gray	27	1557EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph knocked down trees around Shawville. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Clearfield County Mahaffey Jct	27	1607EST			0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
Thunderstorm winds estimated between 60 and 80 mph knocked down trees around Mahaffey. The damaging winds also toppled a rather large (1.5 ton) grave site marker (obelisk) in La Jose. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

PENNSYLVANIA, Central



Thunderstorm winds between 60 and 80 mph toppled a rather large (1.5 ton) grave site marker (obelisk) in La Jose (Clearfield County). Photo courtesy of the county EMA.

Cambria County 1 ESE Nicktown

27	1634EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees in Barr Township near Nicktown.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cambria County 1 N Ebensburg

27	1653EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny size hail was reported in Ebensburg.

Blair County 1 E Holidaysburg

27	1700EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees and utility wires in Hollidaysburg.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Blair County 2 ENE Mill Run

27	1700EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees and wires in Altoona.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cambria County Johnstown

27	1700EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees and utility wires in Johnstown.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Huntingdon County 1 E Huntingdon

27	1700EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees in Huntingdon.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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PENNSYLVANIA, Central

Blair County

1 SE Williamsburg

27 1704EST 0 0 5.00K 0.00K Thunderstorm Wind (50EG)

Thunderstorm winds estimated near 60 mph knocked down trees and utility wires in Williamsburg.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Somerset County

1 S Jerome

27 1709EST 0 0 5.00K 0.00K Thunderstorm Wind (50EG)

Thunderstorm winds estimated near 60 mph knocked down trees and wires in Conemaugh Township near Jerome.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Huntingdon County

1 NW Mill Creek

27 1715EST 0 0 5.00K 0.00K Thunderstorm Wind (50EG)

Thunderstorm winds estimated near 60 mph knocked down trees in Mill Creek.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Mifflin County

Lewistown

27 1718EST 0 0 5.00K 0.00K Thunderstorm Wind (50EG)

Thunderstorm winds estimated near 60 mph produced widespread damage across much of the county.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Centre County

1 N Ingleby

27 1719EST 0 0 15.00K 0.00K Thunderstorm Wind (70EG)

A burst of severe, straight-line winds uprooted or damaged about 50 large trees which subsequently caused damage to about 5 structures in and around the Ingleby area. The exact time a tree fell at the Hemlock Knob home under construction was noted on the camera system. There were 2 noticeable areas of damage; from Penns Creek to Scenic Drive in Ingleby; and another along the side of Sawmill Knob Mountain adjacent to the state forest lands. At the Scenic Drive location, about 5 to 10 full and partial trees were damaged. They were primarily lying in a W-E or SW-NE direction from estimated wind gusts of 75 mph. One the trees caused major damage to a summer home while the other homes had mostly minor damage. At Hemlock Knob there were about 40 large trees uprooted including at least 30 of them in a swath of about 100 yards by 200 yards along the hillside. The trees were mostly lying in SW-NE direction from estimated wind gusts to 85 to 90 mph.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.



Large tree down on a summer cabin near Ingleby along Penns Creek in eastern Centre County. This was part of a larger damage swath (40-50 uprooted/snapped trees) associated with severe straight-line winds between 70 and 90 mph. Photo was taken as part of an official NWS Storm Survey.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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PENNSYLVANIA, Central

Huntingdon County Mt Union

27	1720EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees in Mt. Union.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Somerset County 1 W Stoystown

27	1721EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees and utility wires in Stoystown.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Bedford County 1 S Saxton

27	1727EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down a few trees in Saxton. One downed tree blocked Cove Mountain Road. A gustnado was photographed near Saxton but produced little damage. A gustnado is a specific type of short-lived, low-level rotating cloud that can form on the leading edge of strong thunderstorm outflow.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.



Gustnado near Saxton, PA (Bedford County) associated with thunderstorm wind outflow on the leading edge of strong squall line/bow echo.

Juniata County 1 W Port Royal

27	1730EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down numerous trees across the county.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Bedford County 1 S Saxton

27	1739EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel size hail was reported in Saxton.

Perry County 1 NNW Esheol

27	1741EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees in Ickesburg.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, Central

Perry County

1 SW Landisburg

27	1748EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees in Landisburg.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cumberland County

1 W Carlisle

27	1806EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees in and around Carlisle.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cumberland County

1 ENE Mechanicsburg

27	1813EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees in Hampden Township near Mechanicsburg.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Franklin County

1 E Chambersburg

27	1820EST				0	0		0.00K	Thunderstorm Wind (76MG)
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Spotter measured a peak thunderstorm wind gust of 87 mph.

Note: The measured wind gust of 76 knots is equivalent to 87 mph.

Franklin County

1 W Chambersburg

27	1820EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph damaged a roof in Hamilton Township near Chambersburg.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cumberland County

New Cumberland

27	1825EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees and utility wires in New Cumberland.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Dauphin County

1 NW Harrisburg

27	1825EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees in Harrisburg.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Adams County

1 W Bendersville

27	1830EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees in Bendersville.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

York County

Dover

27	1845EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees in Dover.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Montour County

1 SW Danville

27	1911EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees and utility wires in Danville.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
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PENNSYLVANIA, Central

Columbia County

1 NW Catawissa

27 2000EST

2 SE Grovania

28 0000EST

0 0 0.00K 0.00K Flash Flood

Heavy thunderstorm rains caused streams and creeks to overflow their banks in Catawissa and Franklin Townships, taking large objects including cars downstream in the flood waters.

Cambria County

Westwood

27 2130EST

Conemaugh

28 1215EST

0 0 0.00K 0.00K Flash Flood

Intense heavy rainfall resulted in stream flooding along at least eight roadways in the Johnstown area. Two roads were closed and 19 basements were flooded. One bridge was reported to be sagging after the flooding and was closed for repairs.

A potent upper-air disturbance moving southeast from the Great Lakes triggered numerous thunderstorms over northwest Pennsylvania between 3 and 4 pm local time. These storms become severe and eventually organized into large squall line that surged southeast across central and southeastern Pennsylvania during the late afternoon and evening hours. The well-defined, bowing line producing widespread wind damage and localized flash flooding.

Warren County

Columbus

29 1100EST

0 0 0.00K 0.00K Hail (1.00)

A spotter from the Cleveland NWS office reported 1 inch hail in Columbus. The report was relayed via NWS Cleveland.

Elk County

1 W Helen Mills

29 1230EST

0 0 5.00K 0.00K Thunderstorm Wind (50EG)

Thunderstorm winds estimated near 60 mph knocked down trees and utility wires near Brockport.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Tioga County

3 S Osceola

29 1250EST

0 0 5.00K 0.00K Thunderstorm Wind (50EG)

Thunderstorm winds estimated near 60 mph knocked down trees and utility wires near Osceola.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Potter County

1 E Coudersport

29 1300EST

0 0 5.00K 0.00K Thunderstorm Wind (50EG)

Thunderstorm winds estimated near 60 mph knocked down trees and utility wires near Coudersport.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Huntingdon County

1 ESE Warrior Ridge

29 1305EST

0 0 10.00K 0.00K Thunderstorm Wind (50EG)

Thunderstorm winds estimated near 60 mph knocked down trees and utility wires near Petersburg. A few power poles were also snapped-off.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Huntingdon County

1 E Huntingdon

29 1315EST

0 0 0.00K 0.00K Hail (1.00)

A trained spotter reported 1 inch hail in Huntingdon.

Tioga County

Tioga Jct

29 1315EST

0 0 5.00K 0.00K Thunderstorm Wind (50EG)

Thunderstorm winds estimated near 60 mph knocked down trees and utility wires in Tioga Junction.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
PENNSYLVANIA, Central									
Cambria County 1 S Brownstown	29	1330EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph knocked down trees in Westmont.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Tioga County 1 NE Mansfield	29	1340EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph knocked down trees and utility wires just east of Mansfield.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Lycoming County 1 ESE White Pine	29	1425EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph knocked down several trees in Brookside.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Tioga County 1 SSE Arnot	29	1427EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph knocked down trees and utility wires near Blossburg.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Lycoming County 1 N Hughesville	29	1430EST			0	0	0.00K	0.00K	Hail (0.88)
Spotter reported nickel-size hail in Hughesville.									
Centre County 1 SW Centre Hall	29	1430EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph knocked down trees and utility wires in Centre Hall.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Franklin County 1 N Mercersburg	29	1445EST			0	0	0.00K	0.00K	Hail (0.88)
Spotter reported nickel-sized hail in Mercersburg.									
Franklin County 1 W Edenville	29	1515EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph knocked down several large trees and limbs along Mountain Brook Road and Apple Way near US30 near Edenville.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Sullivan County 4 NE Millview	29	1515EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph knocked down trees and utility wires along Lambert Hill Road (SR4015) near Dushore.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Columbia County 1 W Bloomsburg	29	1530EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
Thunderstorm winds estimated near 60 mph knocked down trees in Bloomsburg.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, Central

Franklin County St Thomas

29	1530EST				0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees and utility wires in St. Thomas. The severe winds also caused damage to several homes near 1772 St Thomas/Eden Mill Road. Three homes suffered minor damage; one home suffered moderate damage. No injuries were reported.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cumberland County 1 S Newville

29	1600EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees in Newville.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cumberland County 1 SSW Greason

29	1605EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down several trees near Carlisle.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

York County Emigsville

29	1645EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees near John Rudy County Park.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Cumberland County 1 ESE Shippensburg 1 NW Newburg

29	1700EST				0	0	0.00K	0.00K	Flash Flood
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A line of intense heavy thunderstorm rains caused flash flooding across much of the county. Carlisle reported 2.3 inches of rainfall in a short period of time. Flooded roads were reported in Camp Hill, Carlisle, Shippensburg and Southampton Townships. A water rescue was reported on Hummel Avenue in Camp Hill. Two cars were rescued from flood waters in Carlisle.

Lancaster County Millersville

29	1735EST				0	0	0.00K	0.00K	Hail (1.00)
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Lancaster County Millersville

29	1735EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds estimated near 60 mph knocked down trees in Millersville.

Pre-frontal convection developed early in the day across western Pennsylvania and produced isolated wind damage and marginally severe hail. Additional strong to severe thunderstorms formed later in the afternoon and evening across portions of central and eastern Pennsylvania. This activity became more widespread and produced multiple reports of large hail and damaging winds. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

PENNSYLVANIA, East

Bucks County 2 SSE Keelersville

15	2033EST				0	0	0.00K	0.00K	Flood
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The runoff from thunderstorms with heavy rain between 630 p.m. EDT and 830 p.m. EDT on the 15th in Upper Bucks County caused minor flooding along the East Branch of the Perkiomen Creek later that evening. The East Branch of the Perkiomen Creek near Dublin was above its 5 foot flood stage from 933 p.m. EDT through 950 p.m. EDT on the 15th. It crested at 5.09 feet at 945 p.m. EDT. Doppler Radar storm total estimates reached around 2 inches in a narrow band from Sellersville east through Pipersville.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

PENNSYLVANIA, East

Montgomery County

1 E Abrams	15	2341EST							
1 N Conshohocken	16	0130EST			0	0	0.00K	0.00K	Flash Flood

Thunderstorms with heavy downpours caused flash flooding in extreme southwest Montgomery County overnight on the 15th centered around Upper Merion Township. In the township, flash flooding was reported along South Gulph Road as Gulph Creek flooded. Doppler Radar storm total estimates reached around 3.5 inches in the township. Actual event totals included 3.46 inches in Norristown and 2.07 inches in West Norriton.

Chester County

2 NW Colonial Vlg	15	2352EST							
	16	0130EST			0	0	0.00K	0.00K	Flash Flood

Thunderstorms with heavy downpours caused flash flooding in extreme southeast Chester County overnight on the 15th with Tredyffrin and Easttown Townships hit the hardest. There were eight water rescues as flash flooding occurred along the headwaters of the Valley and Darby Creeks. The Valley Creek at Valley Forge was above its 7 foot flood stage from 1252 a.m. EDT through 207 a.m. EDT on the 16th. It crested at 7.91 feet at 130 a.m. EDT. Doppler Radar storm total estimates reached around 3.5 inches in those townships.

Delaware County

1 NE Wyola	16	0000EST							
1 WSW Wayne		0200EST			0	0	0.00K	0.00K	Flash Flood

Thunderstorms with heavy downpours caused flash flooding in extreme northern Delaware County and included the headwaters of the Darby Creek as well as Crum Creek. Hardest hit were Radnor and Newtown Townships. Doppler Radar storm total estimates reached around 3.5 inches in the northern part of those townships. The Crum Creek near Newtown Square was above its 5 foot flood stage from 141 a.m. EDT through 543 a.m. EDT on the 16th. It crested at 7.57 feet at 245 a.m. EDT.

Philadelphia County

Crescentville	16	0125EST							
		0155EST			0	0	0.00K	0.00K	Flash Flood

Thunderstorms with heavy downpours caused flash flooding along the Frankford Creek in Philadelphia. Urban and poor drainage flooding occurred elsewhere in the city. The Frankford Creek at Castor Avenue was above its 7 foot flood stage from 225 a.m. EDT through 255 a.m. EDT on the 16th. It crested at 7.9 feet at 245 a.m. EDT. Doppler Radar storm total estimates reached around 2.5 inches in the northern part of the city. Actual event totals included 2.57 inches in Rockledge, 2.43 inches in Rhawnhurst and 2.26 inches at the Northeast Philadelphia Airport.

Delaware County

1 NW Florida Park	16	0200EST							
		0443EST			0	0	0.00K	0.00K	Flood

Minor flooding along the Crum Creek continued into the early morning hours of the 16th. The Crum Creek near Newtown Square was above its 5 foot flood stage from 141 a.m. EDT through 543 a.m. EDT on the 16th. It crested at 7.57 feet at 245 a.m. EDT.

A weakening cold front helped trigger scattered showers and thunderstorms with heavy rain during the evening of the 15th into the early morning of the 16th. Event precipitation totals during multiple thunderstorms reached between 2.0 and 3.5 inches and caused flash flooding and flooding of smaller streams and creeks in southeastern Pennsylvania. Hardest hit was the tri-county area of Delaware, Montgomery and Chester Counties where Doppler Radar storm total estimates and surface reports reached around 3.5 inches.

Bucks County

1 SE West Bristol	16	0230EST							Lightning
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, East

A lightning strike caused a three-alarm fire at the Dow Chemical facility on Pennsylvania State Route 413 and State Road in the Croydon section of Bristol Township. A lightning bolt struck two of the storage tanks at the plant. The ensuing fire badly damaged two large 250,000 gallon tanks that held chemicals used in the manufacturing of acrylic paint products. The fire damaged gaskets, lines and protective ground liners outside the tanks and allowed flammable chemicals to leak into the nearby air, ground and on-site surface water. The fire consumed a significant amount of the more than one million pounds of ethyl acrylate and butyl acrylate in the storage tanks. A 65-year-old fire police captain with the Bristol Fire Company, left the scene after feeling ill and later that day died of a fatal heart attack. Firefighters and hazmat teams from three counties responded to the blaze and worked with Dow's in-house emergency response fire and hazmat teams to quell the flames and contain the two chemicals that were in the tanks. Three emergency workers suffered minor injuries. The blaze was declared under control shortly after 7 a.m. EDT that morning. Early in the day, the Bucks County Emergency Management and the Bucks County Health Department advised residents who live near the site of the fire to remain indoors due to the potential for the two chemicals to cause minor throat or eye irritation, headaches and nausea. The chemical odor from the fire, which was smelled in both Pennsylvania and across the river in New Jersey in Mercer, Burlington and Monmouth Counties. The smell dissipated as the day continue. Due to the chemical odor, all schools in Bristol Borough were closed on the 16th.

In addition to the flash flooding, the lightning from the thunderstorm ignited a chemical plant fire in Bristol in Bucks County.

Lehigh County 1 NNW Eckert 1 WSW Fullerton

23	1700EST				0	0	0.00K	0.00K	Flash Flood
	2200EST								

Thunderstorms with heavy rain caused flash flooding in southeastern Lehigh County. In Upper Saucon Township, Pennsylvania State Route 309 was covered by three feet of water which closed the roadway during rush hour. West Union Street in Allentown was closed. Late that evening, a 25-year-old man was injured while bicycling when he rode it into a barricade on that street. In Whitehall Township, Mauch Chunk Road was closed near the Jordan Creek. Doppler Radar storm estimates reached between 3 and 4 inches within Allentown and in Upper Saucon Township.

A dissipating cold front had enough remaining forcing to trigger thunderstorms with heavy rain in Lehigh County. The heavy rain caused creek and poor drainage flooding in the southeast part of the county.

Chester County Exton

23	1730EST				0	0	1.00K	0.00K	Lightning
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A lightning strike at 630 p.m. EDT forced the early closure of the Exton Square Mall on the 23rd. There was a report of smoke coming from inside the mall and the fire was quickly extinguished. West Whiteland Township reported eight buildings, including the mall were struck by lightning. No significant damage was reported. Additionally, about 700 PECO Energy customers lost power. The mall was expected to reopen the next day.

A weakening cold front still had enough forcing to produce scattered thunderstorms in Eastern Pennsylvania during the late afternoon and early evening of the 23rd.

Bucks County Jamison

24	1329EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm knocked down large tree limbs and wires in Jamison in Warwick Township.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Bucks County Chalfont

24	1350EST				0	0	0.00K	0.00K	Hail (1.00)
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A severe thunderstorm dropped quarter size hail in Chalfont.

Bucks County Chalfont

24	1350EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm knocked down large tree limbs in Chalfont.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, East

Bucks County Hilltown

24	1357EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A severe thunderstorm knocked down a few trees in Hilltown Township.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Bucks County Perkasie

24	1400EST				0	0	0.00K	0.00K	Thunderstorm Wind (52MG)
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A severe thunderstorm produced wind gusts of 60 mph in Perkasie.

Note: The measured wind gust of 52 knots is equivalent to 60 mph.

Bucks County 1 ENE Argus

24	1403EST				0	0	0.00K	0.00K	Hail (1.00)
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A severe thunderstorm also dropped quarter size hail in West Rockhill Township.

Bucks County 1 W Sellersville

24	1403EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A severe thunderstorm knocked down a few trees in West Rockhill Township.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Bucks County Quakertown

24	1412EST				0	0	0.00K	0.00K	Hail (0.88)
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A thunderstorm dropped nickel size hail in Quakertown.

Lehigh County Emmaus

24	1430EST				0	0	0.00K	0.00K	Hail (0.75)
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A thunderstorm dropped penny size hail in Emmaus.

Lehigh County Catasauqua

24	1440EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm knocked down large tree limbs and wires in Catasauqua.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Lehigh County 1 ESE Guth 1 S Coplay

24	1440EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A severe thunderstorm knocked down one large tree in Whitehall Township and several large tree limbs and wires in South Whitehall and Whitehall Townships.

An upper air disturbance passing over a quasi-stationary front that helped pool a warm and moist air mass triggered thunderstorms across central and southern New Jersey during the afternoon of the 24th. The thunderstorms then expanded into the Philadelphia northern suburbs and the Lehigh Valley and Poconos. While a combination of large hail and damaging winds occurred with the severe thunderstorms, there were over a dozen other reports of smaller hail with the thunderstorms. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Monroe County East Stroudsburg

26	1300EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel size hail fell in East Stroudsburg.

Monroe County 1 SSE East Stroudsburg

26	1306EST				0	0	0.00K	0.00K	Hail (1.25)
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A severe thunderstorm dropped half dollar size hail in East Stroudsburg.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, East

Monroe County

1 WNW Delaware Water Gap	26	1315EST			0	0	0.00K	0.00K	Hail (0.75)
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Penny size hail fell in Delaware Water Gap in Middle Smithfield Township.

Monroe County

2 S East Stroudsburg	26	1316EST			0	0	0.00K	0.00K	Hail (1.00)
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Another severe thunderstorm dropped quarter size hail in East Stroudsburg.

A series of thunderstorms that preceded a slowing cold front during the afternoon of the 26th produced severe weather as well as flash flooding mainly in the Poconos.

Monroe County

East Stroudsburg 2 W Minisink Hills	26	1340EST 1540EST			0	0	0.00K	0.00K	Flash Flood
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Thunderstorms with torrential downpours caused poor drainage as well as small creek flash flooding in and around East Stroudsburg. Doppler Radar storm total estimates reached around 4.5 inches.

A series of thunderstorms, preceding a slowing cold front, during the afternoon of the 26th moved across the Poconos. They not only produced severe weather, but also flash flooding in several municipalities across western Carbon and southeast Monroe County. Many roadways and basements were flooded and this included at least one road washout. Heavier rainfall amounts were two to three inches per hour and Doppler Radar storm total estimates reached between 6 and 7 inches in Hamilton Township (Monroe County). The highest reported storm total was 7.40 inches in Lansdale in Carbon County.

Northampton County

Mt Bethel	26	1345EST			0	0	0.00K	0.00K	Hail (0.75)
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A thunderstorm dropped penny size hail in Mount Bethel (Upper Mount Bethel Township).

Monroe County

1 SSE Snyder'sville	26	1404EST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A severe thunderstorm knocked down a few trees in Hamilton Township. The combination of damaging winds, flooding rains and lightning caused about 2,000 Pennsylvania Power and Light and Metropolitan Edison customers to lose power.

A series of thunderstorms that preceded a slowing cold front during the afternoon of the 26th produced severe weather as well as flash flooding mainly in the Poconos. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Carbon County

1 ESE Black Creek Jct 1 ESE Hudsondale	26	1410EST 1700EST			0	0	0.00K	0.00K	Flash Flood
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Thunderstorms with torrential downpours caused flash flooding of smaller streams as well as poor drainage flooding in Nesquehoning Borough. The Wash Shanty Hill portion of U.S. Route 209 was closed because of significant water and debris runoff. Doppler Radar storm total estimates reached around 4 inches.

Monroe County

Bartonville 2 SW Neola	26	1420EST 1830EST			0	0	25.00K	0.00K	Flash Flood
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Thunderstorms with torrential downpours hit Hamilton Township the hardest in Monroe County as Doppler Radar storm total estimates reached between 6 and 7 inches during the afternoon of the 26th. Multiple roadways were flooded and included Pennsylvania State Route 33 between Snyder'sville and Interstate 80. The roadway was closed for nearly two hours and reopened at 6:20 p.m. EDT that evening. Beaver Valley Road between Turkey Hill Road and Haney Road was closed because it was undermined by a flooding creek. The combination of damaging winds, flooding rains and lightning caused about 2,000 Pennsylvania Power and Light and Metropolitan Edison customers to lose power. The Pocono Creek near Brislin Road in Stroud Township crested at 10.99 feet. There is no established flood stage for the creek at that site. An event total of 3.23 inches was measured in Snyder'sville in Hamilton Township.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, East

Carbon County 2 WSW Hauto

26	1455EST 1800EST				0	0	10.00K	0.00K	Flash Flood
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Thunderstorms with torrential downpours caused flash flooding of smaller streams as well as extensive poor drainage flooding in Lansford and Summit Hill Boroughs and the northwest part of Mahoning Township. Roadways were closed and many basements were flooded. In Summit Hill, Pennsylvania State Route 902 was shut down for two and a half hours because of debris and rocks pushed onto the roadway. A portion of Oak Street was also closed. Firefighters responded to thirty-six calls of flooded basements. The annual Stay At Home Festival never opened because volunteers had to rebuild the stands and the field was swamped by flood waters. In Lansford, there was four feet of water on U.S. Route 209 and one motorist had to be rescued. Other roadways in the borough were damaged by flooding as asphalt was washed away. A storm total measurement of 7.40 inches was measured in Lansford.

Monroe County 1 E Pocono Manor Misertown

26	1545EST 1800EST				0	0	0.00K	0.00K	Flash Flood
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Thunderstorms with torrential downpours caused flash flooding of smaller streams in Pocono Township. Doppler Radar storm total estimates reached two inches within 45 minutes within the township.

A series of thunderstorms, preceding a slowing cold front, during the afternoon of the 26th moved across the Poconos. They not only produced severe weather, but also flash flooding in several municipalities across western Carbon and southeast Monroe County. Many roadways and basements were flooded and this included at least one road washout. Heavier rainfall amounts were two to three inches per hour and Doppler Radar storm total estimates reached between 6 and 7 inches in Hamilton Township (Monroe County). The highest reported storm total was 7.40 inches in Lansdale in Carbon County.

Berks County Wyomissing

26	1732EST				0	0	0.00K	0.00K	Hail (0.75)
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A thunderstorm dropped penny size hail in Wyomissing.

A series of thunderstorms that preceded a slowing cold front during the afternoon of the 26th produced severe weather as well as flash flooding mainly in the Poconos.

Montgomery County 1 E Palm 1 N Hopperville

27	0433EST 0625EST				0	0	0.00K	0.00K	Flash Flood
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Heavy rain from thunderstorms caused flash flooding along part of the Perkiomen Creek as well as poor drainage flooding. The heaviest rain fell in Upper Hanover Township and also in East Greenville, Pennsburg and Red Hill Boroughs. The main stem of the Perkiomen Creek at East Greenville was above its 4 foot flood stage from 533 a.m. EDT through 725 a.m. EDT on the 27th. It crested at 4.17 feet at 6 a.m. EDT.

Bucks County 1 N Spinnerstown 1 ESE Steinsburg

27	1035EST 1103EST				0	0	0.00K	0.00K	Flood
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The East Branch of the Perkiomen Creek at Dublin briefly was above its 5 foot flood stage from 1135 a.m. EDT through 1203 p.m. EDT on the 27th. It crested at 5.10 feet at 1145 a.m. EDT. Doppler Radar storm total estimated reached around 2.25 inches in Milford and Richland Townships and also in and around Quakertown.

Montgomery County 1 WNW Lederach

27	1630EST 1805EST				0	0	0.00K	0.00K	Flood
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Runoff from the heavy rain earlier in the day caused additional flooding in parts of the Perkiomen Creek basin. The East Branch of the Perkiomen Creek near Schwenksville was above its 7 foot flood stage from 530 p.m. EDT through 705 p.m. EDT on the 27th. It crested at 7.53 feet at 645 p.m. EDT.

Series of thunderstorms with heavy rain that developed south of a nearly stationary front produced poor drainage and creek flash flooding during the early morning of the 27th in Upper Montgomery County in the northern parts of the Perkiomen drainage basin. Residual flooding occurred later that day in Montgomery and Bucks Counties along parts of the Perkiomen Creek as runoff went farther downstream. Doppler Radar storm total estimates reached around two inches in the upper part of the basin. Heavy rain fell in upper Montgomery County between 3 a.m. EDT and 5 a.m. EDT and in the northern half of Bucks County between 830 a.m. and 11 a.m. EDT on the 27th.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, East

PAZ071

Philadelphia

28	1100EST								
29	1700EST				1	0	0.00K	0.00K	Heat

PAZ068

Montgomery

29	1100EST								
	1700EST				1	0	0.00K	0.00K	Heat

The first back-to-back 90 degree days in and around Philadelphia during 2012 claimed the lives of two men, one within Philadelphia and the second in Montgomery County. In Philadelphia, an 81-year-old man was found dead on the third floor of a row home with his windows closed on the 28th. The next day, an 87-year-old man from Roslyn (Abington Township in Montgomery County) died from heat stroke while pulling weeds in his vegetable garden during the afternoon of the 29th. Because of the early heat, schools in Philadelphia dismissed children early (at 130 p.m. EDT) on Tuesday the 29th. The high temperature at the Philadelphia International Airport reached 91 degrees on the 28th and 92 degrees on the 29th. A cold frontal passage preceded by strong to locally severe thunderstorms ended the early heat. M87OU

Carbon County

3 NNE Stemlersville

29	1700EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A severe thunderstorm knocked down a few trees in Towamensing Township.

A squall line that preceded a cold front produced strong to locally severe thunderstorms in Eastern Pennsylvania during the evening of the 29th. The worst reported wind damage was in the Lehigh Valley where approximately 3,200 homes and businesses lost power. Power was not fully restored until the 30th in Lehigh County and the 31st in Northampton County. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Carbon County

Palmerton 1 ESE Bowmanstown

29	1705EST				0	0	0.00K	0.00K	Flash Flood
	1900EST								

Thunderstorms with heavy rain caused poor drainage as well as creek flash flooding along the southern tier of Carbon County from Palmerton Borough through Lower Towamensing Township. The heavy rain caused a rock slide onto Maunch Chunk Road in Palmerton. Doppler Radar storm total estimates reached nearly three and one-quarter inches in southern Carbon County.

A squall line of strong to severe thunderstorms also dropped heavy rain. The recent wet antecedent conditions led to flash flooding in southern Carbon County.

Monroe County

Brodheadsville

29	1715EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A severe thunderstorm knocked down a couple of trees in Brodheadsville (Chestnuthill Township).

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Monroe County

1 NNW Appenzell

29	1725EST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A severe thunderstorm knocked down a few trees and wires in Jackson Township, the hardest hit township in Monroe County by the thunderstorms that evening. One downed tree took down power lines on Mountain Springs Drive and Cardinal Lane. About 50 customers in the township lost power.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Lehigh County

1 ESE Guth

29	1730EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm knocked down a few large tree limbs and wires South Whitehall Township. About 1,287 Pennsylvania Power and Light customers lost power in the township. The number dropped to 300 by Midnight EDT that night.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Northampton County

Bangor

29	1730EST				0	0	20.00K	0.00K	Thunderstorm Wind (52EG)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, East

A severe thunderstorm knocked down around a dozen poles in Bangor Borough on Chestnut Street from South 6th Street to South 8th Street and South 6th Street and South 7th Street from Broadway Street to Walnut Street. Several trees were also knocked down in the borough. About 1,200 homes and businesses have lost power in Northampton County. Power was not fully restored until the 31st with Bangor the last to come back on line because of the pole damage.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Lehigh County

1 SSW Allentown

29	1740EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm also knocked down a few large tree limbs and wires within the city of Allentown. About 500 Pennsylvania Power and Light customers lost power in the city.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Berks County

1 S Stonersville

1 SW Amityville

29	1750EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
	1751EST								

A severe thunderstorm knocked down large tree limbs and wires in both Exeter and Amity Townships.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Northampton County

Nazareth

29	1755EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm knocked down a few large tree limbs and wires in Nazareth.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Chester County

Coventryville

29	1800EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm knocked down large tree limbs and wires in South Coventry Township.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Northampton County

Wilson

29	1800EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm knocked down a few large tree limbs and wires in Wilson.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Montgomery County

7 SW Ardmore

29	1815EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A severe thunderstorm knocked down large tree limbs and wires in Upper Providence Township.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Bucks County

Bristol

29	1905EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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The gust front from a severe thunderstorm knocked down a couple of large tree limbs and wires in Bristol Township.

A squall line that preceded a cold front produced strong to locally severe thunderstorms in Eastern Pennsylvania during the evening of the 29th. The worst reported wind damage was in the Lehigh Valley where approximately 3,200 homes and businesses lost power. Power was not fully restored until the 30th in Lehigh County and the 31st in Northampton County.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, Northeast

Bradford County

1 N Canton

29	1445EST				0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
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There were several reports of trees down in Canton and also in Sayre and Athens townships.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Lackawanna County

Waverly

29	1602EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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A few trees were blown down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Luzerne County

Sweet Vly

29	1610EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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Trees were blown down, blocking Ide Road in Sweet Valley.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Lackawanna County

1 SE Chapman

29	1644EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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A large tree was blown down, blocking Green Grove Road.

With a warm front draped across northern New York and a cold front to the west, northeast Pennsylvania was entrenched in the warm and moist warm sector as temperatures rose well into the 80s with dewpoints in the 60s during the afternoon. Showers and thunderstorms developed out ahead of the approaching cold front, with several storms becoming severe and producing large hail and damaging winds. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

PENNSYLVANIA, Northwest

Erie County

Cranesville

03	1144EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was observed.

A warm front lifted into northwestern Pennsylvania causing scattered showers and thunderstorms to develop. At least one of the thunderstorms became severe.

Crawford County

Conneautville

29	0951EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Crawford County

Conneautville

29	0955EST 1012EST				0	0	100.00K	0.00K	Hail (1.75)
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Hail as large as golf balls was reported for several minutes. Some vehicles were damaged by the hail.

Crawford County

Conneautville

29	1000EST				0	0	10.00K	0.00K	Hail (1.50)
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Hail the size of walnuts was reported.

Crawford County

2 ESE Turnersville

29	1029EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was observed.

Erie County

Mill Vlg

29	1030EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail was observed.

Crawford County

Cambridge Spgs

29	1033EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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Thunderstorm winds downed a few large tree limbs.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, Northwest

Crawford County

Meadville 29 1042EST 0 0 0.00K 0.00K Hail (1.00)

Quarter sized hail was observed.

Erie County

1 SW Waterford 29 1044EST 0 0 0.00K 0.00K Hail (1.00)

Quarter sized hail was observed.

Erie County

Corry 29 1047EST
1101EST 0 0 50.00K 0.00K Hail (1.75)

Golf ball size hail was reported. Some minor damage to vehicles occurred.

Crawford County

Guys Mills 29 1049EST 0 0 0.00K 0.00K Hail (0.75)

Penny sized hail was observed.

Crawford County

Spartansburg 29 1056EST 0 0 25.00K 0.00K Hail (1.75)

Golf ball sized hail was reported.

Crawford County

Titusville 29 1120EST 0 0 0.00K 0.00K Hail (1.00)

Quarter sized hail was observed.

Crawford County

Titusville 29 1127EST 0 0 0.00K 0.00K Hail (0.88)

Nickel sized hail was observed.

A cold front moved across northwestern Pennsylvania on May 29th causing showers and thunderstorms to develop. A few of the stronger storms became severe. There were many reports of large hail.

PENNSYLVANIA, West

Indiana County

1 S Chambersville 02 1715EST 0 0 0.00K 0.00K Hail (0.88)

Isolated thunderstorms developed along a stalled frontal boundary during the early morning hours.

Armstrong County

1 NE Goheenville 07 1302EST 0 0 0.00K 0.00K Thunderstorm Wind (50EG)

A large tree was reported down across State Route 2866 in Boggs Township.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Butler County

1 SW Zelienople 07 1545EST 0 0 0.00K 0.00K Hail (0.75)

Butler County

1 W Valencia 07 1620EST 0 0 0.00K 0.00K Hail (0.75)

Butler County

Sarver 07 1705EST 0 0 0.00K 0.00K Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, West

Armstrong County 1 W Freeport	07	1710EST			0	0	0.00K	0.00K	Hail (0.88)
Butler County Sarver	07	1710EST			0	0	0.00K	0.00K	Hail (1.00)
Mercer County 1 E Transfer	07	1920EST			0	0	0.00K	0.00K	Hail (1.00)
Mercer County 1 E Hermitage	07	1940EST			0	0	0.00K	0.00K	Hail (0.88)
Mercer County 1 WSW Farrell	07	1940EST			0	0	0.00K	0.00K	Hail (0.88)
Mercer County 1 E Hermitage	07	1940EST			0	0	35.00K	0.00K	Thunderstorm Wind (50EG)
A newspaper reported a roof blown off a large industrial building east of Hermitage.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Mercer County 1 W Wheatland	07	1945EST			0	0	0.00K	0.00K	Hail (1.00)
Mercer County 1 E Hermitage	07	1947EST			0	0	0.00K	0.00K	Hail (1.00)
Mercer County 1 WSW Farrell	07	1950EST			0	0	0.00K	0.00K	Hail (1.00)
Mercer County 1 E Hermitage	07	1953EST			0	0	0.00K	0.00K	Hail (1.75)
Mercer County 1 WSW Farrell	07	1958EST			0	0	0.00K	0.00K	Hail (0.88)
Mercer County 1 E Hermitage	07	2017EST			0	0	0.00K	0.00K	Hail (0.88)
A trained spotter reported hail 2 inches deep on the ground with maximum size around a nickel.									
Mercer County Sharon	07	2053EST							
1 W Wheatland	08	0100EST			0	0	25.00K	0.00K	Flash Flood
Emergency management reported flash flooding with several roads closed from Sharon to Hermitage.									
Beaver County New Sheffield	07	2352EST							
	08	0500EST			0	0	25.00K	0.00K	Flood

Several roads in Hopewell Township closed due to flooding with up to 2 feet of water over roads near the community park.

Showers and thunderstorms developed along a warm front moving slowly across western Pennsylvania during the late afternoon of the 7th into the early morning of the 8th. Isolated severe thunderstorms and flash flooding occurred.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
PENNSYLVANIA, West									
Westmoreland County 1 E Greensburg 1 NW Denison	08	1835EST 2100EST			0	0	75.00K	0.00K	Flash Flood
									Emergency management reported heavy rains producing flash flooding across numerous roads and on private properties across the county.
Westmoreland County Greensburg	08	1843EST 2100EST			0	0	5.00K	0.00K	Flash Flood
									Emergency management reported flooding of church basement in Greensburg.
Westmoreland County Penn	08	1844EST 2100EST			0	0	50.00K	0.00K	Flash Flood
									Emergency management reported a stream flooding homes on 14th Street in Jeannette.
Westmoreland County 1 NNW Whitney	08	1911EST 2115EST			0	0	10.00K	0.00K	Flash Flood
									Emergency management reported flooding of a personal care home west of the airport.
Westmoreland County 1 E Greensburg 1 SE Stonevilla	08	1950EST 2115EST			0	0	25.00K	0.00K	Flash Flood
									Emergency management reported numerous roads flooded in Hempfield Township.
Westmoreland County 1 W Luxor	08	2010EST			0	0		0.00K	Heavy Rain
									A trained spotter reported 3.00 inches of rain during the event.
									A slow moving thunderstorm produced flash flooding across portions of Westmoreland county. Up to 3 inches of rain were reported.
Lawrence County 1 SE Wampum	27	1320EST			0	0	20.00K	0.00K	Thunderstorm Wind (50EG)
									Emergency management reported trees and power lines down near Wampum.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Lawrence County 2 NE Walmo	27	1355EST			0	0	0.00K	0.00K	Hail (1.00)
Lawrence County New Castle	27	1356EST			0	0	0.00K	0.00K	Hail (0.75)
Lawrence County 2 NE Walmo	27	1402EST			0	0	0.00K	0.00K	Hail (1.00)
Lawrence County 2 NE Walmo	27	1404EST			0	0	0.00K	0.00K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
PENNSYLVANIA, West									
Butler County 2 SW Elora	27	1410EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Emergency management reported a tree down on a mobile home. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Butler County 1 NE Harrisville	27	1425EST			0	0	0.00K	0.00K	Hail (1.00)
Lawrence County 2 NE Walmo	27	1426EST			0	0	0.00K	0.00K	Hail (0.75)
Venango County Cranberry	27	1429EST			0	0	25.00K	0.00K	Thunderstorm Wind (50EG)
									Emergency management reported trees and power lines down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Butler County 4 WNW Murrinsville	27	1431EST			0	0	0.00K	0.00K	Hail (1.00)
Clarion County 1 S Alum Rock	27	1452EST			0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
									Emergency management reported trees down across roadways. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Clarion County 1 SSE Mechanicsville	27	1502EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Law enforcement reported a large tree down at Forest Drive and Miller Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Jefferson County 1 S Brookville	27	1520EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Law enforcement reported a large tree down on a vehicle. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Armstrong County 1 W Mc Williams	27	1539EST			0	0	25.00K	0.00K	Thunderstorm Wind (50EG)
									Law enforcement reported numerous trees down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Indiana County 1 E Graceton	27	1539EST			0	0	25.00K	0.00K	Thunderstorm Wind (50EG)
									Law enforcement reported numerous trees down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Armstrong County 1 E Elderton	27	1550EST			0	0	25.00K	0.00K	Thunderstorm Wind (50EG)
									Emergency management reported several trees down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Indiana County Marion Center	27	1558EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
									A trained spotter reported numerous large tree limbs down. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
PENNSYLVANIA, West									
Allegheny County 1 E Wilmerding	27	1603EST			0	0	0.00K	0.00K	Hail (1.25)
Allegheny County Wilmerding	27	1603EST			0	0	0.00K	0.00K	Hail (1.25)
Indiana County 1 S Chevy Chase Hgts	27	1615EST			0	0	50.00K	0.00K	Thunderstorm Wind (50EG)
	Emergency management reported numerous trees and power lines down in and around the town of Indiana.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Allegheny County 1 E Lincoln	27	1627EST			0	0	0.00K	0.00K	Hail (1.25)
Westmoreland County 1 S Loyalhanna	27	1639EST			0	0	30.00K	0.00K	Thunderstorm Wind (50EG)
	Emergency management reported numerous trees down.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Indiana County Armagh	27	1645EST			0	0	10.00K	0.00K	Thunderstorm Wind (50EG)
	Emergency management reported trees down.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Westmoreland County Derry	27	1647EST			0	0	25.00K	0.00K	Thunderstorm Wind (50EG)
	The public reported several trees down.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Westmoreland County 1 N Rillton	27	1650EST			0	0	0.00K	0.00K	Hail (1.25)
Westmoreland County 1 SW Ligonier	27	1712EST			0	0	25.00K	0.00K	Thunderstorm Wind (50EG)
	Law enforcement reported several trees down near Ligonier.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Westmoreland County 1 S North Irwin	27	1714EST			0	0	0.00K	0.00K	Hail (1.00)
Westmoreland County 1 N Rillton	27	1732EST			0	0	0.00K	0.00K	Hail (1.25)
Westmoreland County 1 S Donegal	27	1735EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
	A trained spotter reported a large tree down.								
	A stalled frontal boundary was the focus for scattered severe thunderstorms across portions of western Pennsylvania. A slow moving thunderstorm produced isolated flash flooding over Garrett county Maryland. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Mercer County 1 ESE Greenville	29	1018EST			0	0	0.00K	0.00K	Hail (1.00)
Mercer County 1 ESE Greenville	29	1025EST			0	0	0.00K	0.00K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
PENNSYLVANIA, West									
Mercer County 1 N Henlein	29	1031EST			0	0	0.00K	0.00K	Hail (1.75)
Butler County 1 E Mars	29	1035EST			0	0	0.00K		Thunderstorm Wind (55MG)
A trained spotter measured a thunderstorm wind gust of 55 Knots.									
Note: The measured wind gust of 55 knots is equivalent to 63 mph.									
Mercer County 1 NE Stoneboro	29	1042EST			0	0	0.00K	0.00K	Hail (1.00)
Mercer County 2 ESE Sandy Lake	29	1047EST			0	0	0.00K	0.00K	Hail (0.88)
Butler County 1 ENE Marwood	29	1051EST			0	0	0.00K	0.00K	Hail (1.00)
Mercer County 1 W Sandy Lake	29	1057EST			0	0	0.00K	0.00K	Hail (1.00)
Lawrence County 1 WNW Wiegletown	29	1059EST			0	0	0.00K	0.00K	Hail (0.75)
Lawrence County New Castle	29	1111EST			0	0	0.00K	0.00K	Hail (0.75)
Mercer County Sandy Lake	29	1117EST			0	0	0.00K	0.00K	Hail (1.00)
Armstrong County 2 WSW Sherrett	29	1120EST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
Pennsylvania Department of Transportation reported trees down north of Kittanning.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Venango County 2 SW Pleasantville	29	1125EST			0	0	0.00K	0.00K	Hail (1.00)
Venango County 1 E Cherrytree	29	1132EST			0	0	25.00K	0.00K	Thunderstorm Wind (50EG)
Emergency management reported large trees down near Cherry Tree.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Venango County Venus	29	1149EST			0	0	0.00K	0.00K	Hail (0.75)
Venango County 1 E Sawtown	29	1212EST			0	0	20.00K	0.00K	Thunderstorm Wind (50EG)
Emergency management reported trees down near Sawtown.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Jefferson County 1 E Sykesville	29	1217EST			0	0	0.00K	0.00K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
PENNSYLVANIA, West									
Armstrong County 1 SSE Rural Vly	29	1220EST			0	0	0.00K	0.00K	Hail (1.00)
Armstrong County 1 W Rural Vly	29	1220EST			0	0	0.00K	0.00K	Hail (1.00)
Allegheny County Highcliff	29	1221EST			0	0	15.00K	0.00K	Thunderstorm Wind (50EG)
									A trained spotter reported large tree branches down in West View.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Allegheny County 1 N Hardy	29	1224EST			0	0	35.00K	0.00K	Thunderstorm Wind (50EG)
									Emergency management reported numerous large trees down.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Armstrong County 1 SSE Rural Vly	29	1226EST			0	0	0.00K	0.00K	Hail (1.00)
Jefferson County 1 E Sykesville	29	1234EST			0	0	0.00K	0.00K	Hail (1.00)
Butler County Sarver	29	1235EST			0	0	40.00K	0.00K	Thunderstorm Wind (50EG)
									Emergency management reported large branches knocked down power lines in Sarver.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Armstrong County 1 SSE Rural Vly	29	1237EST			0	0	0.00K	0.00K	Hail (0.88)
Armstrong County 2 SE Lookabough Corners	29	1244EST			0	0	35.00K	0.00K	Thunderstorm Wind (50EG)
									Emergency management reported large trees down north of Leechburg.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Allegheny County 1 SW Tarentum	29	1245EST			0	0	35.00K	0.00K	Thunderstorm Wind (50EG)
									The public reported large trees down on Freeport Road near Tarentum.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Indiana County 1 S Chevy Chase Hgts	29	1300EST			0	0	50.00K	0.00K	Thunderstorm Wind (50EG)
									Emergency management reported numerous power lines and trees down in Indiana.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Indiana County 2 N Marion Center	29	1320EST			0	0	35.00K	0.00K	Thunderstorm Wind (50EG)
									A trained spotter reported numerous trees and power lines down in Marion Center.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, West

Jefferson County 1 E Brockway

29	1333EST				0	0	0.00K	0.00K	Hail (1.00)
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Armstrong County 1 E Dayton

29	1335EST				0	0	25.00K	0.00K	Thunderstorm Wind (50EG)
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Emergency management reported several trees down near Dayton.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Indiana County 1 SE Marchand

29	1335EST				0	0	25.00K	0.00K	Thunderstorm Wind (50EG)
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Pennsylvania Department of Highways reported trees down.

Scattered severe thunderstorms developed across western Pennsylvania as a strong cold front moved across the Upper Ohio Valley. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

RHODE ISLAND

RIZ007

Newport

01	0000EST								
15	0730EST				0	0	0.00K	0.00K	Drought

The U.S. Drought Monitor declared a severe drought across Rhode Island, the eastern half of Massachusetts, and most of northern Connecticut. A moderate drought was declared over western Massachusetts and southwestern New Hampshire. This was declared as the result of a meteorological drought determined by precipitation that had been approximately one half of normal from January 2012 through April 2012. Rivers and streams were most affected as most ran at record low levels during the spring run-off season. No southern New England state issued drought declarations as reservoirs were at normal levels, thanks largely to above normal precipitation falling between August 2011 and November 2011.

The main impact of the meteorological drought was periods of very high fire danger. In addition, small pond levels were reduced. While soil moisture was well below normal, this drought occurred prior to the beginning of the growing season. Thus, no agricultural impacts were realized.

From January 1 through April 15, precipitation levels were 6 to 8 inches below normal across northeast Connecticut, Rhode Island, and southeast Massachusetts. Across the remainder of southern New England, precipitation levels were 5 to 7 inches below normal. This translates to around or less than 50 percent of normal precipitation for much of southern New England.

SOUTH CAROLINA, Central

Orangeburg County Bowman

04	1940EST				0	0			Hail (1.00)
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Sheriff reported hail large enough to dent cars in and around Bowman.

Orangeburg County Bowman

04	1940EST				0	0			Thunderstorm Wind (50EG)
----	---------	--	--	--	---	---	--	--	--------------------------

Sheriff reported trees and limbs down in and around Bowman.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Clarendon County 5 SE St Paul

04	2030EST				0	0	2.00K	0.00K	Thunderstorm Wind (61EG)
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Public reported vehicle being blow off the road on Washington Davis Drive along with a few trees taken down.

Isolated severe thunderstorms occurred in eastern Orangeburg County producing large hail that damaged vehicles and winds that took down several trees. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Aiken County 3 WSW Couchton 3 SSW Aiken

09	1130EST				0	0	40.00K	0.00K	Thunderstorm Wind (55EG)
	1136EST				0	0	40.00K	0.00K	Thunderstorm Wind (55EG)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH CAROLINA, Central

Emergency manager reported several trees down in the Nicholson Village area east of Aiken on Main Street. A tin roof was also taken off a building and underpinning of some mobile homes was damaged. One tree fell on a truck crushing it.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.



Linemen work to restore power after trees and powerlines came down. Photo by The Aiken Standard.

Clarendon County 4 SSW Davis Station

09	1402EST	1404EST			0	0	0.00K	0.00K	Hail (1.00)
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Public reported quarter size hail on Williamson Brunson Road.

Clarendon County 4 SSW Davis Station

09	1402EST	1404EST			0	0	3.00K	0.00K	Thunderstorm Wind (55EG)
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Public reported trees down on Williamson Brunson Road.

Isolated severe thunderstorms took down some trees and produced some large hail in Aiken and Clarendon counties. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Sumter County Sumter

14	1000EST				0	0	30.00K	0.00K	Lightning
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The Sumter County Newspaper reported that the Sumter Opera House was struck by lightning which caused structural damage to the metal roof and building. Bricks from the four story structure were blown out of the building and into the parking lot and street.

Orangeburg County 3 SE Four Holes

14	1328EST	1330EST			0	0	0.00K	0.00K	Hail (0.88)
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EM reported nickel size hail near the intersection of Hwy 301 and Homestead road.

Orangeburg County 1 NE Oaks Xrds

14	1331EST	1333EST			0	0	5.00K	0.00K	Hail (1.00)
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Public reported quarter size hail 6 SSW of Ellorree. Put dings in her car.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH CAROLINA, Central

Barnwell County 3 SW Williston

14	1607EST 1609EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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Sheriff reported a tree and large limbs down on Patterson Road. Penny size hail also occurred in the same area.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Orangeburg County 1 N Neeses

14	1620EST 1622EST				0	0	0.00K	0.00K	Hail (1.00)
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Public reported quarter size hail in Neeses.

Barnwell County 1 NW Blackville

14	1633EST 1635EST				0	0	0.00K	0.00K	Hail (1.00)
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Blackville police reported quarter size hail in town.

Orangeburg County 1 N Neeses

14	1635EST 1637EST				0	0	0.00K	0.00K	Hail (1.00)
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Sheriff reported quarter size hail in Neeses.

Orangeburg County 4 WNW Bolen

14	1640EST 1642EST				0	0	20.00K	0.00K	Thunderstorm Wind (60EG)
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Intense microburst lifted up a carport and flipped it upside down which landed about 20 yards away from the two pickup trucks it was protecting. Minor damage also occurred to the home next to it.

Note: The estimated wind gust of 60 knots is equivalent to 69 mph.



Orangeburg County 3 WNW Bolen

14	1644EST 1646EST				0	0	15.00K	5.00K	Hail (1.75)
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Public, from NWS storm survey interview, reported golf ball size hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

SOUTH CAROLINA, Central

Orangeburg County 3 WNW Bolen

14	1650EST 1656EST	3.2	60	0	0	10.00K	0.00K	Tornado (EF0)
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NWS storm survey and interviews with public found an EF0 intermittently touched down between Albee road and Jamison Farm road topping trees and taking several down. No structural damage occurred.



Trees down in woods from small EF0 that also took tops out. Photo taken by WCM Steve Naglic.

Orangeburg County 1 N Bolen

14	1654EST 1656EST			0	0	0.00K	0.00K	Hail (1.50)
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Public sent report of 1.5 inch hail and picture to WIS TV.



WIS TV had a viewer send in a photo of the hail that occurred in Orangeburg County.

Bamberg County 1 E Denmark

14	1656EST 1658EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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Sheriff reported trees and powerlines down on Butler Street in Denmark. Penny size hail also occurred on Hommens Bridge Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
SOUTH CAROLINA, Central									
Bamberg County 2 NNE Denmark	14	1656EST 1658EST			0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
									Highway Patrol reported trees down along Hwy 321. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Orangeburg County 3 SSW Bolen	14	1706EST 1708EST			0	0	0.00K	0.00K	Hail (1.00)
									Public reported quarter size hail 4 miles NW of Cope.
Bamberg County Bamberg	14	1745EST 1747EST			0	0	0.00K	0.00K	Hail (1.00)
									Bamberg police reported quarter size hail on the north side of town.
Orangeburg County 4 ESE Rowesville	14	1800EST 1802EST			0	0	0.00K	0.00K	Hail (1.00)
									Public reported quarter size hail east of Rowesville.
Bamberg County 2 NNE Bamberg Carlisle Arp	14	1833EST 1835EST			0	0	0.00K	0.00K	Hail (1.00)
									Public reported quarter size hail east of Bamberg near the Edisto River. Small limbs were also down.
Fairfield County White Oak	14	1835EST 1837EST			0	0	0.00K	0.00K	Hail (1.00)
									Electric COOP employee reported quarter size hail in the White Oak area.
Lancaster County 1 E Taxahaw	14	1843EST 1845EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
									Highway Patrol reported a tree down on Nature Reserve Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Lancaster County Douglas	14	1847EST 1849EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
									Highway Patrol reported a tree down on JB Denton Road at the bridge. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Fairfield County 2 NE Longtown	14	2025EST 2027EST			0	0	0.00K	0.00K	Hail (1.00)
									Public reported quarter size hail at Colonel Creek Marina. Scattered thunderstorms produced large hail and wind damage in the Midlands and Pee Dee regions. Damage was limited mainly to trees.
Newberry County 1 S New Hope	15	1541EST 1545EST			0	0	0.00K	0.00K	Hail (1.00)
									The public reported quarter size hail along Griffin Road.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons	Estimated Damage	Crops	Character of Storm
					Killed	Injured		

SOUTH CAROLINA, Central

Newberry County 1 S Taylors Xrds

15	1543EST 1545EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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Highway Patrol reported trees down near the intersection of Bachman Chapel Road and I-26.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Lexington County 3 WNW Edmund

15	1607EST 1612EST				0	0			Hail (1.00)
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Public reported nickel to quarter size hail on Millwood Ave. in Lexington covering the ground.

Newberry County 1 E Silverstreet

15	1642EST 1645EST				0	0			Hail (1.75)
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Public reported golf ball size hail in the Silverstreet area.

Newberry County 1 E Silverstreet

15	1646EST 1648EST				0	0	8.00K	0.00K	Thunderstorm Wind (55EG)
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Highway Patrol reported trees down in Silverstreet and along Hwy 34, Werts Road, and Deadfall Road.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Orangeburg County 1 SW Santee

15	1700EST 1704EST				0	0	0.00K		Hail (1.00)
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Public reported nickel size hail near Santee covering the ground.

Newberry County 1 W Helena

15	1704EST 1706EST				0	0	0.00K	0.00K	Hail (1.00)
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Public reported quarter size hail west of Newberry from the storm that produced golf ball size hail near Silverstreet earlier.

Clarendon County 2 SSW Summerton

15	1710EST 1714EST				0	0	0.00K	0.00K	Thunderstorm Wind (55EG)
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Highway Patrol reported trees down along I-95 between mile markers 107 and 109.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Richland County 4 NNW Leesburg

15	1718EST 1720EST				0	0	4.00K	0.00K	Thunderstorm Wind (55EG)
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Highway Patrol reported trees down near the intersection of Screaming Eagle Road and Koon Road.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Richland County 2 N Leesburg

15	1721EST 1723EST				0	0	4.00K	0.00K	Thunderstorm Wind (55EG)
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Highway Patrol reported trees down at the intersection of Screaming Eagle Road and Hwy 601.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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SOUTH CAROLINA, Central

Richland County Columbia

15	1725EST				0	0	8.00K	0.00K	Thunderstorm Wind (50EG)
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The State newspaper reported several trees down in the city.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.



James Davis with Sox & Freeman Tree Co. cuts a large branch Tuesday that fell during a Monday storm onto a half-dozen grave markers in Trinity Episcopal Cathedral cemetery in downtown Columbia. Experts say the live oak, which might be 200 years old, is still healthy.

The State newspaper reported several trees down in Columbia. Photo from The State newspaper.

Sumter County 2 E Horatio

15	1757EST 1800EST				0	0	6.00K	0.00K	Thunderstorm Wind (55EG)
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Highway Patrol reported trees down along Hwy 261 and Catchall Road.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Sumter County 2 SSE Dalzell

15	1801EST 1804EST				0	0	4.00K	0.00K	Thunderstorm Wind (55EG)
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Highway Patrol reported trees down near the intersection of Seymour Road and Sargent Road.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Sumter County 2 SSW Wedgefield

15	1938EST 1942EST				0	0	0.00K		Hail (1.00)
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Public reported nickel to quarter size hail that partially covered the ground on Tiverton Church Road.

Calhoun County 8 WNW Hammond Xrds

15	1945EST 1949EST				0	0			Hail (1.75)
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Public reported quarter to golf ball size hail.

Calhoun County 4 WNW Hammond Xrds

15	1958EST 2000EST				0	0	0.00K	0.00K	Hail (1.00)
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Public reported quarter size hail along Boone Lane.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH CAROLINA, Central

Calhoun County

2 ENE Hammond Xrds

15	2018EST 2022EST				0	0			Hail (1.00)
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Public reported nickel to quarter size that covered the ground.

Severe thunderstorms in the Midlands area produced large hail and some wind damage taking down some trees.

Lexington County

1 W Gaston

16	1908EST 1910EST				0	0	0.00K	0.00K	Hail (0.75)
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Public reported penny size hail.

Richland County

1 NW Forest Acres

16	1930EST				0	0	3.00K	0.00K	Thunderstorm Wind (55EG)
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Police reported trees down on Hutto Ct.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Richland County

1 E Forest Acres

16	1930EST				0	0	4.00K	0.00K	Thunderstorm Wind (55EG)
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Police reported trees down on Spring Lake Road.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Richland County

Columbia

16	1935EST 1937EST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Public reported large lmb down on Wheat Street near Waccamaw Ave.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Richland County

**1 SW Columbia Owens Arpt
1 WSW Woodland Terrace**

16	2007EST 2042EST				0	0	10.00K	0.00K	Flash Flood
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Highway Patrol reported flooding along Bluff Road and South Beltline closing highways.

Richland County

**2 E St Andrews
1 SSW Eau Claire**

16	2044EST 2144EST				0	0	10.00K	0.00K	Flash Flood
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Highway Patrol reported flooding along Hwy I-277 south bound and Sunset Drive.

Isolated severe thunderstorms in Richland County produced wind damage to trees and some localized flash flooding.

Richland County

2 NW Columbia

16	2056EST 2156EST				0	0	2.00K	0.00K	Flood
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Police reported flooding at I-277 and Bull Street.

Chesterfield County

2 SSE Hugh Pt

17	1047EST 1102EST				0	0	4.00K	0.00K	Hail (0.75)
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Public reported penny size hail. The hail began as pea size then increased to penny size and fell for about 15 minutes.

Newberry County

2 SW Browns Xrds

17	1223EST 1225EST				0	0	0.00K	0.00K	Hail (1.00)
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Sheriff dispatch reported quarter size hail along Mount Bethel Garmany Road.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH CAROLINA, Central

Newberry County 3 SW Browns Xrds

17	1223EST 1225EST				0	0	20.00K	0.00K	Thunderstorm Wind (60EG)
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Sheriff dispatch reported many trees down along Mount Bethel Garmany Road, one of which fell on a home.

Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

Newberry County 3 SSE Cromer Xrds

17	1231EST 1233EST				0	0	8.00K	0.00K	Thunderstorm Wind (55EG)
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Sheriff dispatch reported trees down near Beth Eden and Seymore roads.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Newberry County 1 N Newberry

17	1233EST 1235EST				0	0	6.00K	0.00K	Thunderstorm Wind (55EG)
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Sheriff dispatch reported trees down near Smith and Radio roads.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Sumter County 2 SE (SSC)Shaw Afb Sumter

17	1423EST 1425EST				0	0	4.00K	0.00K	Thunderstorm Wind (50EG)
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Sheriff dispatch reported trees down along Cherryvale Drive.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Sumter County 1 N Wedgefield

17	1425EST 1427EST				0	0	0.00K	0.00K	Hail (0.88)
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The public reported nickel size hail in Wedgefield.

Richland County Blythewood

17	1545EST				0	0	50.00K	0.00K	Lightning
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The State reported that a home on North Firetower Road in Blythewood was struck by lightning causing \$50k in damage. There were no injuries.

Lexington County Pelion Corporate Arp

17	1550EST 1552EST				0	0	5.00K	0.00K	Thunderstorm Wind (60EG)
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Pelion COOP observer reported shingles ripped off of her roof by strong winds.

Widely scattered thunderstorms in the Midlands produced strong winds that took down trees and large hail. Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

Chesterfield County 1 W Kimberly

23	1325EST				0	0	0.00K	0.00K	Hail (0.88)
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EM reported nickel size hail in Chesterfield.

Isolated storms in Chesterfield County produced nickel size hail.

Orangeburg County 1 ESE Holly Hill Arpt

29	2103EST 2105EST	1.52	60		0	0	20.00K	2.00K	Tornado (EF1)
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NWS storm survey found a weak EF1 tornado touched down just southeast of Holly Hill taking out tops of trees, uprooting trees, and causing minor damage to a home. The tornado continued through a corn field leaving flattened swirls of corn in its wake.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>SOUTH CAROLINA, Central</u>									
Calhoun County 6 SE Creston	29	2302EST 2304EST			0	0	4.00K	0.00K	Thunderstorm Wind (50EG)
Sheriff reported trees down near Elloree. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Calhoun County 1 E Cameron	29	2318EST 2320EST			0	0	8.00K	0.00K	Thunderstorm Wind (50EG)
Highway Patrol reported trees down near the intersection of Hwy 176 and St. John Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Orangeburg County 2 NE Cordova	29	2335EST			0	0	4.00K	0.00K	Thunderstorm Wind (50EG)
Highway Patrol reported trees down near Cordova and Cherry Hill Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Orangeburg County 2 ESE Great Branch	29	2335EST			1	0	4.00K	0.00K	Thunderstorm Wind (55EG)
Highway Patrol reported trees down near Hwy 400 and Cut Off Road. One tree fell on a Chevy Tahoe killing its occupant. M51VE Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Orangeburg County 1 E Jamison	29	2343EST 2345EST			0	0	4.00K	0.00K	Thunderstorm Wind (50EG)
Sheriff reported trees down in the Jamison Community. Remnants of Tropical Storm Beryl produced an EF1 tornado in the Holly Hill area taking down trees, corn crops, and doing minor damage to a home. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
<u>SOUTH CAROLINA, North Coastal</u>									
Williamsburg County 2 SW Rome	05	1948EST 1949EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
A large tree was reportedly down across one lane of Coopertown Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Horry County 1 SE Mary	05	2032EST 2034EST			0	0	1.00K	0.00K	Hail (1.25)
Hail to the size of half dollars was reported at the intersection of Highway 501 and El Bethel Road.									
Georgetown County 1 SE Sampit	05	2033EST 2035EST			0	0	1.00K	0.00K	Hail (1.00)
Hail to the size of quarters was reported. The report was relayed by a media outlet. A moderately unstable airmass was lifted by a cold front approaching from the north and by a seabreeze advancing inland. Bulk shear values were enhanced by the passage of a mid-level wind speed maximum during the early evening hours. Thunderstorms began as discrete single cells and multi-cells during the late afternoon before transitioning into a squall line as individual cold pools merged during the evening.									
SCZ054									
	06	2000EST 2200EST			0	0			Coastal Flood

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH CAROLINA, North Coastal

A full moon, combined with an unusually high tide caused coastal flooding in Garden City.

Darlington County 2 NW Darlington

14	1225EST 1226EST						30.00K	0.00K	Thunderstorm Wind (43EG)
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A large tree around 3 feet in diameter fell onto a trailer and severed it. A storm chaser observed the tree and reported it rotted. A male sleeping inside at the time was unharmed. The trailer was located on Wire Road. There were no other trees or limbs down in the area.

Note: The estimated wind gust of 43 knots is equivalent to 49 mph.

Marion County Centenary

14	1441EST 1442EST						3.00K	0.00K	Thunderstorm Wind (50EG)
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Trees were reportedly down just off of Alice Avenue. The time was estimated based off radar data.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Horry County 1 NW Conway

14	1539EST 1544EST						1.00K	0.00K	Hail (1.00)
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Hail to the size of quarters was reported. The hail lasted for 5 minutes.

Horry County 1 NW Conway

14	1626EST 1628EST						1.00K	0.00K	Hail (1.00)
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Hail to the size of quarters was reported.

Clusters of thunderstorms moved through the area during the afternoon and into the night. Some of the cells attained supercell characteristics as low level lapse rates steepened and shear values increased.

Horry County 1 SSE Jordanville

14	1630EST 1900EST						0.00K	0.00K	Flood
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Minor flooding was reported on Juniper Bay Road.

Horry County 1 WNW Grissett

14	1630EST 1900EST						0.00K	0.00K	Flood
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Minor flooding was reported on East Country Club Drive.

Horry County 1 E Grahamville

14	1640EST 1900EST						0.00K	0.00K	Flood
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Standing water was reported at the intersection of Serenity Place and Hwy 90.

A persistent slow moving thunderstorm produce flooding around the town of Conway.

Horry County 1 SSW Chestnut Xrds

14	1655EST 1657EST						10.00K	0.00K	Thunderstorm Wind (61EG)
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A National Weather Service Storm Survey Team concluded a downburst with winds up to 65 to 70 mph moved across a heavily wooded area and caused scattered tree damage along its path. Eight pine trees, up to 8 feet in diameter, were snapped. Numerous tree limbs were also down. The damage was along a path just over 0.8 miles long. The maximum path width was 40 yards.

Clusters of thunderstorms moved through the area during the afternoon and into the night. Some of the cells attained supercell characteristics as low level lapse rates steepened and shear values increased. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons	Killed	Injured	Estimated Damage	Property	Crops	Character of Storm
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SOUTH CAROLINA, North Coastal

Georgetown County

1 NE Guillard

15	1305EST 1310EST				0	0	2.00K	0.00K	Hail (1.00)
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Hail up to the size of quarters was reported at the Plantersville Elementary School.

Horry County

1 N Conway

15	1322EST 1324EST				0	0	0.00K	0.00K	Hail (0.88)
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Hail up to the size of nickels was reported.

Horry County

1 ESE White Oak

15	1325EST 1327EST				0	0	1.00K	0.00K	Hail (1.00)
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Hail up to the size of quarters was reported.

Horry County

2 W Howard

15	1355EST 1405EST				0	0	2.00K	0.00K	Hail (1.00)
----	--------------------	--	--	--	---	---	-------	-------	-------------

Hail to the size of quarters was reported. The hail lasted for 10 minutes.

Darlington County

2 NE Lamar

15	1900EST 1902EST				0	0	40.00K	0.00K	Thunderstorm Wind (74EG)
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The Darlington County Emergency Manager conducted a storm survey. A downburst with winds to 85 mph lifted and destroyed the roof of a detached two car garage. The side wall and part of the front wall of this structure collapsed. The debris was blown onto adjacent property as 3 2x4s pierced the outer wall of a mobile home. Three large cedar trees were blown down. A pecan orchard sustained considerable tree damage. The damage occurred along 0.2 miles of Christmas Tree Road. The monetary damage was approximately \$40,000 dollars.

Note: The estimated wind gust of 74 knots is equivalent to 85 mph.



Downburst winds to 85 mph lifted and destroyed the detached roof two car garage at 800 pm EDT on 3/15/12. Debris was blown onto adjacent property as 3 2x4s pierced the mobile home outer wall. Considerable tree damage include a pecan orchard. Monetary damage was approximately \$40,000. Photo taken by the Darlington County Emergency manager during a storm survey.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH CAROLINA, North Coastal

Florence County 5 NNE Windy Hill

15	1924EST 1926EST				0	0	1.00K	0.00K	Hail (1.00)
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Hail to the size of quarters was reported along N Williston Road.

Deep moisture was entrenched across the area ahead of a weak mid-level shortwave trough. Thunderstorms developed along the seabreeze during the afternoon. Other thunderstorms moved into the area in association with a weak trough.

Horry County 2 NE Red Bluff

16	1130EST 1134EST				0	0	0.00K	0.00K	Hail (0.75)
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Hail to the size of pennies was reported on Alexis Drive. The hail lasted for 4 minutes.

Horry County 1 SSE Camp Swamp

16	1140EST 1200EST				0	0	3.00K	0.00K	Hail (1.00)
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Hail reportedly fell for 40 minutes at the Myrtle Grove Gun Club on State Road. The hail began as pea size and increased to quarter size.

Georgetown County 1 WSW Murrells Inlet

16	1215EST 1230EST				0	0	2.00K	0.00K	Hail (1.00)
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Hail up to the size of quarters was reported on Hyatt Avenue. The hail stopped and started several times over a half hour period.

Georgetown County 1 WSW Murrells Inlet

16	1215EST 1216EST				0	0	0.50K	0.00K	Thunderstorm Wind (52EG)
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Three to four inch diameter tree limbs were blown down on Hyatt Avenue. The wind was estimated to 50 to 60 mph.

Thunderstorms developed primarily along the seabreeze during the afternoon and moved over the same general area as they built upstream and persisted into the evening. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Horry County Chestnut Xrds

16	1240EST 1445EST				0	0	0.00K	0.00K	Flood
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Water flooded up to the front door of a house on Moulton Drive, west of the town of Longs.

A slow moving thunderstorm produced flooding near Longs.

Georgetown County 1 S Sunny Side

16	1300EST 1630EST				0	0	0.00K	0.00K	Flood
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A foot of flood water was on Hwy 17 in front of the Waccamaw Hospital.

A slow moving thunderstorm produced flooding along the coast of Georgetown County.

Horry County 1 NNW Garden City

16	1305EST 1308EST				0	0	0.00K	0.00K	Hail (0.75)
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Hail up to penny size was reported on Bluebird Lane. The hail lasted for 3 minutes.

Thunderstorms developed primarily along the seabreeze during the afternoon and moved over the same general area as they built upstream and persisted into the evening.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH CAROLINA, North Coastal

Georgetown County 1 ESE Parkersville

16	1645EST 1900EST				0	0	20.00K	0.00K	Flood
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Standing water was reported on Hwy 17 for four to five blocks near Tiller Drive. Four cars were in roadside ditches due to accidents.

A slow moving thunderstorm produced flooding along the coast of Georgetown County.

Georgetown County 3 NNE North Santee

16	1705EST 1707EST				0	0	1.00K	0.00K	Hail (1.25)
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Hail from nickel to half dollar in size fell on Highway 17 a few miles north of the intersection with Mt Zion Avenue.

Thunderstorms developed primarily along the seabreeze during the afternoon and moved over the same general area as they built upstream and persisted into the evening.

Georgetown County 1 ENE Georgetown

16	1930EST 2200EST				0	0	0.00K	0.00K	Flood
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Road blocks were set up on Fraser Street and Highmarket Street due to flooding.

Slow moving thunderstorms produced flooding in the city of Georgetown.

Florence County 2 WSW Ebenezer

17	1217EST 1500EST				0	0	0.00K	0.00K	Flood
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Almost three inches of rain fell in about 75 minutes, with widespread flooding reported on neighborhood streets.

Heavy rain produced flooding near Timmonsville.

Florence County 1 E Ebenezer

17	1241EST 1400EST				0	0	0.00K	0.00K	Flash Flood
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Heavy rain created two to three feet of standing water on Brittany Drive near Cashua Drive.

Florence County 1 W (FLO)Florence City-C

17	1255EST 1400EST				0	0	0.00K	0.00K	Flash Flood
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A spotter reported swiftly flowing water on National Cemetery Road.

Florence County 1 ESE Ebenezer

17	1300EST 1400EST				0	0	0.00K	0.00K	Flash Flood
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Several vehicles were stalled on Floyd Circle due to flood waters.

An upper low over the region, combined with light steering flow and deep moisture caused flash flooding in and around the city of Florence.

Georgetown County 1 WNW Cumberland

22	1225EST 1245EST				0	0	0.50K	0.00K	Hail (1.00)
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One inch hail was measured.

Georgetown County 3 NE Graves

22	1245EST 1246EST				0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
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A large limb of an oak tree was blown down.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
SOUTH CAROLINA, North Coastal									
Dillon County 1 SW Floydale	22	1302EST 1304EST			0	0	0.50K	0.00K	Hail (1.00)
									One inch hail was measured on Haymount Road.
Dillon County 1 NW Floydale	22	1304EST 1306EST			0	0	0.00K	0.00K	Hail (0.75)
									Hail up to the size of pennies was reported.
Horry County Homewood	22	1304EST 1306EST			0	0	0.50K	0.00K	Hail (1.25)
									Quarter to half dollar size hail was reported in the Homewood Community.
Dillon County 1 NW Floydale	22	1304EST 1305EST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									A wind gust was estimated to 60 mph. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Horry County 1 NW Loris	22	1340EST 1342EST			0	0	0.00K	0.00K	Hail (0.75)
									Hail to the size of pennies was reported. Strong heating combined with an approaching cold front helped to produce numerous thunderstorms. A negatively tilted upper trough brought colder temperatures aloft and higher shear and resulted in numerous reports of large hail.
Marlboro County 2 ENE Bennettsville Arpt	23	1358EST 1400EST			0	0	0.50K	0.00K	Hail (1.00)
									Dime to quarter size hail was reported on Highway 9.
Marlboro County 1 S Blenheim	23	1420EST 1430EST			0	0	1.00K	0.00K	Hail (1.25)
									Hail described as slightly larger than a quarter was reported. The hail lasted for about 10 minutes.
Horry County 1 NW Green Sea	23	1455EST 1500EST			0	0	1.00K	0.00K	Hail (1.00)
									Hail to the size of quarters was reported. The hail lasted for about 5 minutes.
Horry County 1 ESE Mt Olive	23	1500EST 1505EST			0	0	1.00K	0.00K	Hail (1.00)
									Hail to the size of quarters was reported.
Horry County 3 SE Causey	23	1505EST 1510EST			0	0	1.00K	0.00K	Hail (1.00)
									Dime to quarter size hail was reported along Highway 76.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH CAROLINA, North Coastal

Darlington County

Darlington

23	1515EST 1520EST				0	0	1.00K	0.00K	Hail (1.00)
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Hail to the size of quarters was reported.

High instability and steep lapse rates developed during the afternoon in response to strong heating. A potent upper low moved overhead, creating a cold pool of minus 16 degrees Celsius at 500 mb.

SOUTH CAROLINA, Northwest

Anderson County

Williamston

14	2010EST				0	0			Thunderstorm Wind (50EG)
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A tree and large limbs were blown down in the Williamston area.

Thunderstorm outflow winds caused a little wind damage in the eastern part of Anderson County during the evening hours.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Spartanburg County

3 W Mayo

15	1417EST				0	0			Hail (1.00)
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Dime to quarter size hail fell along Taft Dr.

An isolated thunderstorm produced large hail over northern Spartanburg County in Upstate South Carolina.

Cherokee County

4 NW Blacksburg

16	2112EST				0	0			Hail (0.75)
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Cherokee County

2 SW Gaffney

16	2140EST 2145EST				0	0			Thunderstorm Wind (50EG)
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Trees were blown down on Oneal St south of town. Trees were blown onto power lines on Frederick St and Union St in the city as well.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Pickens County

1 SW Central

16	2146EST				0	0			Hail (0.88)
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Laurens County

3 S Fountain Inn

16	2242EST				0	0			Hail (1.25)
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Spartanburg County

1 E Roebuck

16	2250EST				0	0			Hail (0.75)
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Spartanburg County

3 SE Roebuck

16	2308EST				0	0			Hail (1.00)
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Quarter size hail was reported on Templeton Dr.

Spartanburg County

3 SE Roebuck

16	2308EST				0	0			Thunderstorm Wind (50EG)
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Several trees were blown down on Templeton Dr about three miles southeast of Roebuck.

Scattered thunderstorms developed across Upstate South Carolina during the evening hours as an upper low crossed the region. The storms produced a little large hail and spotty reports of wind damage. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Chester County

1 N Blackstock

17	1100EST				0	0			Hail (0.88)
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Nickel size hail was reported between Blackstock and Cornwell.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH CAROLINA, Northwest

Laurens County 6 SW Laurens	17	1230EST			0	0			Hail (0.75)
Laurens County 2 N Clinton	17	1253EST			0	0			Hail (0.88)
Laurens County 2 WNW Clinton	17	1305EST			0	0			Hail (1.50)
Greenwood County 1 N Greenwood	17	1337EST			0	0			Thunderstorm Wind (50EG)

Trees and power lines were blown down at High St and West Cambridge Ave.

Scattered thunderstorms developed over Upstate South Carolina during the afternoon hours on the back side of an upper low. The storms produced hail and a little wind damage. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Anderson County 1 S West Pelzer	22	1700EST			0	0			Thunderstorm Wind (50EG)
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Multiple trees were blown down in the West Pelzer area.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Greenville County 3 W Woodville	22	1710EST			0	0			Hail (1.00)
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Greenville County 1 S Fountain Inn	22	1742EST			0	0			Hail (0.88)
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Laurens County 4 NW Gray Court	22	1748EST			0	0			Hail (1.00)
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Quarter size hail fell a couple miles to the southeast of Fountain Inn.

York County 4 S Bethany	22	1755EST			0	0			Hail (1.00)
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Numerous thunderstorms developed over the Upstate ahead of a cold front. A few of the storms produced large hail and damaging winds.

SOUTH CAROLINA, South Coastal

Berkeley County 2 NNW Bonneau	05	1952EST 1953EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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Two trees blown down on Dennis Ridge Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Berkeley County 4 S Alvin	05	2009EST 2010EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
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One Tree down in the roadway on Von Hollen Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Berkeley County 4 SSW Huger	05	2205EST 2206EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
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A report of a tree blown down along Highway 41.

Isolated to scattered thunderstorms developed in the evening hours across portions of Southern South Carolina well south of a cold front. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
SOUTH CAROLINA, South Coastal									
SCZ050		Charleston							
	07	2200EST 2300EST			0	0	0.00K	0.00K	Coastal Flood
			Lingering influences from the recent full moon and moderate onshore winds produced elevated tide levels across the coastal region of Southeast Georgia.						
Colleton County 4 WNW Ashton	09	1304EST 1305EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
			One tree blown down on Broxton Bridge Highway at Bachman Road.						
			Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						
Colleton County 4 N Smoaks	09	1327EST 1328EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
			One tree blown down on Lowcountry Highway at Community Avenue.						
			Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						
Beaufort County 2 NNW Priesters	09	1425EST 1426EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
			Law enforcement reported one tree blown down on Big Estate Road.						
			Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						
Berkeley County 1 ENE Cross	09	1425EST 1426EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
			Two trees reported blown down in Cross.						
			Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						
Charleston County 1 W Ladson	09	1433EST 1434EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
			Law enforcement reported a tree blown down on Lincolnville Road.						
			Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						
Beaufort County 2 NW Burton	09	1438EST 1439EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
			One tree blown down at Laurel Bay Road and Stanley Farm Road.						
			Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						
Berkeley County 1 E Moncks Corner	09	1440EST 1441EST			0	0	1.50K	0.00K	Thunderstorm Wind (50EG)
			Three trees blown down in Moncks Corner.						
			Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						
Berkeley County 2 W Mt Holly	09	1445EST 1446EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
			One tree blown down on North Aylesbury Road.						
			Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
SOUTH CAROLINA, South Coastal									
Colleton County 2 SE Airy Hall	09	1447EST 1448EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
Law enforcement reported one tree down along Bennetts Point Road.									
Scattered to numerous showers and thunderstorms broke out across much of the region by early afternoon ahead of an approaching cold front. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Colleton County 2 NE Green Pond	14	1258EST 1259EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
Colleton County warning point reported a tree down across Magwood Bryant Road.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Beaufort County 2 SSW Sheldon	14	1550EST 1551EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
Beaufort County warning point reported one tree down on Paige Point Bluff Road.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Beaufort County 4 E Yemassee	14	1550EST 1551EST			0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
A National Weather Service Employee reported several trees and large limbs blown down along River Road.									
Thunderstorms developed in the afternoon hours ahead of a nearly stationary front positioned to the west. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Jasper County 1 SW Ridgeland Muni Arpt	15	1631EST 1632EST			0	0	0.00K	0.00K	Hail (0.75)
A trained spotter reported penny size hail on Blue Gill Lane.									
Jasper County 1 S Ridgeland	15	1635EST 1636EST			0	0	0.00K	0.00K	Hail (0.75)
A CoCoRaHS observer reported penny size hail near Ridgeland.									
Dorchester County 1 WSW Ridgeville	15	1744EST 1745EST			0	0	0.00K	0.00K	Hail (1.00)
Dorchester County 911 relayed a report from a firefighter of dime to quarter size hail and gusty winds.									
A strong blocking ridge over the Atlantic Ocean and an upper level trough extending from the Ohio Valley into the Southern Plains placed the region within a broad and deep layer cyclonic flow regime. At the surface, a very slow moving cold front extended from the upstate of South Carolina, across east-central Georgia and the Florida Panhandle. Frequent boundary interactions at the surface aided in the development of numerous showers and thunderstorms across the area during the mid-late afternoon.									
Dorchester County 8 SE Slandsville	17	1445EST 1446EST			0	0	1.00K	0.00K	Lightning
Lightning struck and damaged the stone chimney at the clubhouse in Taylor Plantation.									
Under the influence of a persistent upper low, scattered pulse severe thunderstorms developed.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
SOUTH CAROLINA, South Coastal									
Berkeley County 1 NE Jamestown	22	1430EST 1431EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
									Two trees reported blown down in Jamestown. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Dorchester County 8 SE Slandsville	22	1620EST 1621EST			0	0	0.00K	0.00K	Hail (1.00)
									A report of quarter size hail at the intersection of Ashley Phosphate Road and Dorchester Road.
Colleton County 2 NE Whitehall	22	1729EST 1730EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
									A trained spotter reported a tree down on Pynes Community Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Berkeley County 2 N Eadytown	22	1741EST 1742EST			0	0	0.00K	0.00K	Thunderstorm Wind (51MG)
									The observation site at Pineville recorded a 59 mph wind gust. Note: The measured wind gust of 51 knots is equivalent to 59 mph.
Berkeley County 1 W Pineville	22	1805EST 1806EST			0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
									Small branches and several large limbs blown down along Highway 45 near Pineville. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Dorchester County 4 SSE Givhans	22	1818EST 1819EST			0	0	0.00K	0.00K	Hail (1.25)
									A trained spotter reported half dollar size hail near the intersection of Highway 17 and Highway 61.
Dorchester County 4 SSE Givhans	22	1818EST 1819EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
									A trained spotter reported several trees blown down near the intersection of Highway 17 and Highway 61. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Berkeley County St Stephen	22	1826EST 1827EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
									A trained spotter reported several large trees blown down on Mendel Rivers Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Dorchester County 1 W Knightsville	22	1828EST 1829EST			0	0	1.00K	0.00K	Hail (1.00)
									The public reported quarter size hail and two trees blown down near the intersection of Orangeburg Road and West Butternut Road.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH CAROLINA, South Coastal

Dorchester County 2 SW Summerville

22	1829EST 1830EST				0	0	0.00K	0.00K	Hail (1.00)
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A trained spotter reported quarter size hail in Summerville.

Berkeley County 4 SW Carnes Xrd

22	1834EST 1835EST				0	0	0.00K	0.00K	Hail (1.00)
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A trained spotter reported quarter size hail and estimated 50 mph winds near the Walmart off of Interstate 26.

Dorchester County 8 SE Slandsville

22	1834EST 1835EST				0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
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One tree down on Park Forest Parkway, relayed by Channel 5.
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Berkeley County 1 E Moncks Corner

22	1852EST 1853EST				0	0	0.00K	0.00K	Hail (0.88)
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The public reports nickel size hail in Moncks Corner.

Berkeley County 1 NW Bonneau

22	1904EST 1905EST				0	0	0.50K	0.00K	Thunderstorm Wind (50EG)
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One tree down on Black Oak Road.
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Berkeley County 1 NW Bonneau

22	1955EST 1956EST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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A report of several trees down in the city of Bonneau.
A well defined upper low interacted with a typically unstable late May airmass to produce multicell severe thunderstorms.
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

SCZ047-050-052 **Beaufort - Charleston - Jasper - Tidal Berkeley**

27	0937EST 1934EST				0	0	6.5K	0.00K	Tropical Storm
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SCZ044-047-050 **Charleston - Dorchester - Jasper**

29	2003EST 2115EST				0	0	4.0K	0.00K	Tropical Depression
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Dorchester County Harleyville

29	2230EST 2330EST				0	0	0.00K	0.00K	Flash Flood
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Water flooded into a residence at 129 Bowman Street from heavy rainfall.

SCZ050 **Charleston**

29	2330EST 2331EST				0	0	0.5K	0.00K	Tropical Depression
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

SOUTH CAROLINA, South Coastal

Charleston County

Citadel

29	2331EST								
30	0031EST				0	0	0.00K	0.00K	Flash Flood

Through social media, the public reported that Ashley Avenue was flooded and impassable between Sumter Street and Race Street.

SCZ050

Charleston

29	2344EST								
	2345EST				0	0	5.0K	0.00K	Tropical Depression
30	0024EST				0	0	1.0K	0.00K	Tropical Depression
	0025EST				0	0	1.0K	0.00K	Tropical Depression

Beryl developed as a Subtropical Storm over the Atlantic Ocean well east of the South Coastal South Carolina area. The cyclone eventually became a Tropical Storm and slowly moved to the southwest and finally made landfall along the northeast Florida coast. The system then weakened to a Tropical Depression and meandered about before slowly moving back to the northeast across coastal portions of Georgia and South Carolina. The system produced tropical storm force winds, rip currents, and areas of heavy rainfall across the region.

SOUTH DAKOTA, Central and North

Potter County

13 WSW Hoven

01	2035CST								
					0	0			Hail (0.75)

An isolated thunderstorm brought penny size hail to Potter county.

Spink County

1 NW Frankfort

02	1705CST								
					0	0			Hail (0.88)

Clark County

2 SE Bradley

02	1835CST								
					0	0			Hail (1.00)

Clark County

3 SE Bradley

02	1845CST								
					0	0			Hail (0.88)

Codington County

1 NW Wallace

02	1845CST								
					0	0			Hail (0.75)

Potter County

5 WNW Gorman

02	1910CST								
					0	0			Hail (1.00)

Sully County

5 WNW Agar

02	1910CST								
					0	0			Hail (1.00)

Codington County

6 NW Waverly

02	1920CST								
					0	0			Hail (1.00)

Grant County

6 ENE Albee

02	2030CST								
					0	0			Hail (1.00)

Edmunds County

1 E Roscoe

02	2034CST								
					0	0			Hail (0.75)

Edmunds County

1 E Roscoe

02	2040CST								
					0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH DAKOTA, Central and North

Spink County 4 NE Conde	02	2149CST			0	0			Hail (0.88)
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Several thunderstorms brought severe weather to parts of central and northeast South Dakota. Hail from penny size to quarter size fell across the area.

Jones County 8 W Okaton	05	0530CST			0	0			Hail (1.00)
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Jones County 2 NNE Murdo	05	0530CST			0	0			Hail (1.00)
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Lyman County 6 SSE Kennebec	05	0630CST			0	0			Hail (1.00)
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Lyman County 1 E Kennebec	05	0650CST			0	0			Hail (1.00)
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Lyman County 9 SSE Vivian	05	0755CST			0	0			Hail (1.50)
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Hand County 6 WNW Danforth	05	0915CST			0	0			Hail (0.88)
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Hand County 3 SE Danforth	05	0940CST			0	0			Hail (1.00)
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Clark County 1 NW Willow Lake	05	1900CST			0	0			Hail (1.00)
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Codington County 1 NW Watertown	05	1930CST			0	0			Hail (1.75)
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Deuel County 3 S Bemis	05	1930CST			0	0			Hail (1.00)
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Several severe thunderstorms developing north of a stationary boundary brought large hail up to golfball size to parts of central and northeast South Dakota.

Codington County 1 SW (ATY)Watertown Arpt	05	1930CST			0	0			Hail (1.75)
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Golfball hail fell in Codington county near Watertown with no damage reported.

Codington County 2 WSW Watertown	05	1931CST			0	0			Hail (1.00)
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Codington County 1 SW (ATY)Watertown Arpt	05	1938CST			0	0			Hail (1.25)
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Hamlin County 1 S Hayti	05	1947CST			0	0			Hail (1.00)
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Codington County 6 SW Florence	05	2000CST			0	0			Hail (1.25)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH DAKOTA, Central and North

Roberts County
1 NE Wilmot

05 2030CST 0 0 Hail (1.25)

Several severe thunderstorms developing north of a stationary boundary brought large hail up to golfball size to parts of central and northeast South Dakota.

SDZ003-035-048

Corson - Hughes - Lyman

10 1906CST
2059CST 0 0 High Wind

A cold front sweeping through the region brought high winds to parts of central and north central South Dakota. Wind gusts up to 60 to 65 mph occurred.

Grant County
3 SSE Labolt

17 0237CST 0 0 Thunderstorm Wind (61EG)

A trained spotter estimated wind gusts to around 70 mph.
An isolated thunderstorm brought severe winds to part of Grant county in northeast South Dakota. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Stanley County
9 E Hayes Airstrip

18 0730MST 0 0 Thunderstorm Wind (52EG)

Sixty mph winds were estimated.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Stanley County
9 E Hayes Airstrip

18 1930MST 0 0 Thunderstorm Wind (61EG)

Seventy mph winds took part of the roof off a barn which downed some power lines at the residence.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Faulk County
6 SE Cresbard

18 2340CST 0 0 Thunderstorm Wind (52EG)

Sixty mph winds downed some large tree limbs.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Faulk County
1 SSW Cresbard

18 2345CST 0 0 Thunderstorm Wind (52EG)

Sixty mph winds were estimated by the public.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Edmunds County
3 WSW Mina

19 0015CST 0 0 Thunderstorm Wind (52EG)

Sixty mph winds knocked down horse fences along property.
A couple isolated thunderstorms brought severe weather to parts of central Dakota. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Walworth County
2 E Selby Arpt

22 1745CST 0 0 Hail (1.00)

Campbell County
8 S Artas

22 1810CST 0 0 Hail (1.75)

Campbell County
8 SSE Artas

22 1813CST 0 0 Hail (1.75)

Edmunds County
1 NE Hosmer

22 1830CST 0 0 Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
SOUTH DAKOTA, Central and North									
Mepherston County 11 E Hillsview	22	1848CST			0	0			Hail (1.25)
Edmunds County 9 E Hosmer	22	1858CST			0	0			Hail (1.00)
Mepherston County 3 WNW Leola	22	1910CST			0	0			Thunderstorm Wind (52EG)
									Sixty mph winds were estimated by the public. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Day County 1 NE Andover	22	2011CST			0	0			Thunderstorm Wind (56MG)
									Note: The measured wind gust of 56 knots is equivalent to 64 mph.
SDZ008-021			Grant - Roberts						
	22	2120CST			0	0			High Wind
		2200CST							
Hand County 5 W Danforth	22	2207CST			0	0			Hail (1.00)
Hand County 4 NE Danforth	22	2220CST			0	0			Hail (1.00)
Hand County 10 ENE Danforth	22	2220CST			0	0			Thunderstorm Wind (52EG)
									Sixty mph winds downed several large branches. Numerous thunderstorms brought severe winds and large hail up to golfball size to parts of central and northeast South Dakota. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Spink County 4 SW Conde	24	1517CST			0	0			Hail (0.75)
Spink County 4 SSW Conde	24	1525CST			0	0			Hail (1.00)
									A couple isolated thunderstorms brought large hail to parts of Spink county.
Roberts County Rosholt	26	2220CST			0	0			Hail (1.00)
Roberts County 4 N Claire City	26	2230CST			0	0			Hail (1.00)
Brown County 8 SE Hecla	26	2301CST			0	0			Hail (1.00)
									Several severe thunderstorms developed north of a warm front in northeast South Dakota and brought large hail.
Roberts County 2 WNW Claire City	28	0729CST			0	0			Hail (0.75)
Roberts County 1 N Claire City	28	0730CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

SOUTH DAKOTA, Central and North

Roberts County
3 WSW Sisseton 28 0730CST 0 0 Hail (0.88)

Thunderstorms brought penny to nickel hail to parts of Roberts county.

SOUTH DAKOTA, Southeast

Gregory County
3 WNW Herrick 01 1455CST 0 0 0.00K 0.00K Hail (0.75)

Mccook County
3 WSW Salem 01 1505CST 0 0 0.00K 0.00K Hail (1.00)

Hanson County
8 SSE Farmer 01 1510CST 0 0 0.00K 0.00K Hail (1.25)

Mccook County
6 SE Spencer 01 1510CST 0 0 0.00K 0.00K Hail (1.00)

Mccook County
1 NW Salem 01 1515CST 0 0 0.00K 0.00K Hail (1.75)

Large hail covered the ground to the extent that there were drifts. Some hail was left unmelted the next morning. The hail was accompanied by heavy rainfall of 2.04 inches. No hail fell one mile north of this location.

Mccook County
1 W Salem 01 1520CST 0 0 0.00K 0.00K Hail (1.25)

Large hail covered the ground deep enough to result in drifts.

Douglas County
3 SSE New Holland 01 1545CST 0 0 0.00K 0.00K Hail (1.00)

Large hail covered the ground.

Davison County
6 NNW Ethan 01 1636CST 0 0 0.00K 0.00K Hail (1.00)

Mccook County
4 SE Montrose 01 1735CST 0 0 0.00K 0.00K Thunderstorm Wind (52EG)

Thunderstorm winds caused minor tree damage, including several small branches blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Minnehaha County
2 W Buffalo Trading Post 01 1740CST 0 0 0.00K 0.00K Thunderstorm Wind (52EG)

Thunderstorm winds blew down numerous branches.

Thunderstorms produced large hail at several locations in southeast South Dakota during the middle and late afternoon of May 1st. There were also two reports of damaging winds. Most of the hail and damaging wind reports were from near Interstate 90. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Hutchinson County
2 SSW Dimock 04 1430CST 0 0 0.00K 0.00K Hail (1.00)

Hutchinson County
1 NE Clayton 04 1540CST 0 0 0.00K 0.00K Hail (1.00)

Thunderstorms produced quarter size hail in Hutchinson County in southeast South Dakota during the middle afternoon of May 4th.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
SOUTH DAKOTA, Southeast									
Gregory County 6 N Dixon	05	0540CST			0	0	0.00K	0.00K	Hail (0.75)
Charles Mix County 8 WNW Academy	05	0550CST			0	0	0.00K	0.00K	Hail (1.50)
Charles Mix County 7 WNW Academy	05	0600CST			0	0	0.00K	0.00K	Hail (0.75)
Brule County 1 NW Bijou Hills	05	0608CST			0	0	0.00K	0.00K	Hail (1.00)
Brule County 8 SSE Kimball	05	0633CST			0	0	0.00K	0.00K	Hail (0.75)
Aurora County 1 SE White Lake	05	0650CST			0	0		0.00K	Hail (1.75)
									Large hail was accompanied by estimated 60 mph wind gusts. The wind driven hail caused an unknown amount of vehicle damage.
Aurora County 1 SE White Lake	05	0650CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									Wind gusts to 60 mph were accompanied by golf ball size hail.
									Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Aurora County 8 SSE White Lake	05	0652CST			0	0	0.00K	0.00K	Hail (0.88)
Aurora County 1 SW Plankinton	05	0705CST			0	0	0.00K	0.00K	Hail (1.00)
Aurora County 4 SE Plankinton	05	0705CST			0	0	0.00K	0.00K	Hail (1.00)
Brule County 4 NNE Chamberlain Arpt	05	0708CST			0	0	0.00K	0.00K	Hail (1.00)
Brule County 1 N Chamberlain Arpt	05	0710CST			0	0	20.00K	0.00K	Hail (1.75)
									Large hail damaged vehicles, including 5 thousand dollars of damage to one pickup truck.
Davison County 11 E Plankinton	05	0720CST 0722CST			0	0		0.00K	Hail (1.75)
									Golf ball size hail damaged numerous vehicles and cracked windows. The hail also damaged siding. The amount of damage was not known.
Davison County 2 N Betts	05	0728CST 0735CST			0	0		0.00K	Hail (2.50)
									Large hail caused an unknown amount of damage to vehicles and siding.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH DAKOTA, Southeast

Davison County
2 WNW Mitchell

05	0739CST 0745CST				0	0	2.00M	0.00K	Hail (2.50)
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Large hail caused widespread damage to vehicles, buildings, and structures in and near Mitchell. In addition to dented vehicles and broken windows, the hail damaged the roofs and siding of homes and businesses. Two of the highest individual damage amounts included \$175,000 to the Corn Palace, the roof of which needed replacing, and \$100,000 damage to the roof of the Central Electric Cooperative Building. The roofs of numerous homes suffered lesser damages, and siding was also damaged. Damaged vehicles included several law enforcement and other city and county government vehicles.

Aurora County
3 N White Lake

05	0740CST				0	0	0.00K	0.00K	Hail (1.00)
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Large hail covered the ground and a road.

Hanson County
Fulton

05	0756CST				0	0	0.00K	0.00K	Hail (1.00)
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Large hail covered the ground.

Hanson County
3 N Farmer

05	0805CST				0	0	0.00K	0.00K	Hail (1.75)
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Mccook County
4 SSE Center

05	0834CST				0	0	0.00K	0.00K	Hail (1.00)
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Mccook County
8 N Montrose

05	0845CST				0	0	0.00K	0.00K	Hail (1.50)
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Mccook County
5 W Salem

05	0900CST				0	0	0.00K	0.00K	Hail (1.00)
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Lake County
1 S Chester

05	0907CST				0	0	0.00K	0.00K	Hail (1.00)
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Mccook County
5 W Salem

05	0912CST				0	0	0.00K	0.00K	Hail (1.00)
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Mccook County
4 SSE Center

05	0912CST				0	0	0.00K	0.00K	Hail (1.25)
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Mccook County
1 W Salem

05	0915CST				0	0	0.00K	0.00K	Hail (1.00)
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Moody County
3 S Colman

05	0920CST				0	0	0.00K	0.00K	Hail (0.75)
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Lake County
3 ESE Franklin
2 W Smiths Park

05	0930CST				0	0	0.00K	0.00K	Flash Flood
06	0000CST				0	0	0.00K	0.00K	Flash Flood

Heavy rain caused flash flooding of roads and fields. Hail also fell and covered the ground.

Minnehaha County
2 ENE Buffalo Trading Post

05	0930CST				0	0	0.00K	0.00K	Hail (1.00)
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Lots of large hail covered the ground.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
SOUTH DAKOTA, Southeast									
Beadle County 15 WSW Virgil	05	0935CST			0	0	0.00K	0.00K	Hail (1.00)
Beadle County 4 W Wolsey	05	0945CST			0	0	0.00K	0.00K	Hail (1.00)
									Large hail covered the ground.
Minnehaha County 2 WSW Baltic	05	0950CST			0	0	0.00K	0.00K	Hail (0.88)
Brookings County 4 NNW Ahnberg	05	1120CST			0	0	0.00K	0.00K	Hail (1.00)
Kingsbury County 1 S Arlington	05	1120CST			0	0	0.00K	0.00K	Hail (0.88)
									Thunderstorm produced large hail at numerous locations over much of southeast South Dakota during the morning of May 5th. The hail was accompanied by damaging wind gusts at one location, and by heavy rain and flash flooding at another place.
Davison County 3 N Betts	05	1745CST			0	0	0.00K	0.00K	Hail (1.00)
Davison County 1 NE Mitchell	05	1748CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
									Thunderstorm winds caused tree damage, including branches blown down.
									Note: The estimated wind gust of 56 knots is equivalent to 64 mph.
Davison County 3 SW Mitchell	05	1755CST			0	0	1.00K	0.00K	Thunderstorm Wind (68MG)
									Thunderstorm winds broke a large sign at an Interstate 90 exit, and caused tree damage.
									Note: The measured wind gust of 68 knots is equivalent to 78 mph.
Sanborn County 7 NNE Artesian	05	1804CST			0	0	0.00K	0.00K	Hail (1.75)
Hanson County 5 N Fulton	05	1821CST			0	0	0.00K	0.00K	Hail (1.00)
Hanson County 2 W Plano	05	1847CST			0	0	0.00K	0.00K	Hail (1.75)
Miner County 7 WNW Epiphany	05	1852CST			0	0	0.00K	0.00K	Hail (1.00)
Hanson County 2 SW Plano	05	1900CST 2300CST			0	0	0.00K	0.00K	Flash Flood
									Persistent heavy rain from thunderstorms caused flash flooding of fields, rural roads, and at least one basement.
Hanson County 2 NNW Plano	05	1900CST			0	0	0.00K	0.00K	Hail (1.00)
									Large hail was accompanied by heavy rain. Local power went out during the storm.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH DAKOTA, Southeast

Kingsbury County

1 SW Badger 05 1910CST 0 0 0.00K 0.00K Hail (1.00)

Lake County

2 SSE Winfred 05 1924CST 0 0 0.00K 0.00K Hail (0.88)

Lake County

4 W Orland 05 1941CST 0 0 0.00K 0.00K Thunderstorm Wind (70EG)

Thunderstorm winds caused considerable tree damage, including some trees blown down.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Lake County

2 WNW Junius 05 1942CST 0 0 0.00K 0.00K Hail (1.00)

Large hail was accompanied by heavy rain, and estimated 45 mph wind gusts.

Brookings County

11 NW Bruce 05 1943CST 0 0 0.00K 0.00K Hail (1.25)

Lake County

2 WNW Madison 05 1945CST 0 0 0.00K 0.00K Hail (1.75)

Lake County

1 NW Madison 05 1949CST 0 0 0.00K 0.00K Thunderstorm Wind (65EG)

Thunderstorm winds caused tree damage, including a few trees blown down.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Mccook County

2 NNW Salem 05 1950CST 0 0 10.00K 0.00K Thunderstorm Wind (52EG)

Thunderstorm winds overturned a semi truck.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Beadle County

12 S Cavour 05 2010CST 0 0 0.00K 0.00K Hail (1.00)

Lake County

5 NW Madison Muni Arpt 05 2012CST 0 0 0.00K 0.00K Hail (1.00)

Large hail was accompanied by estimated 60 mph wind gusts.

Lake County

5 NW Madison Muni Arpt 05 2012CST 0 0 0.00K 0.00K Thunderstorm Wind (52EG)

Thunderstorm winds caused tree damage. The winds were accompanied by quarter size hail.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Lake County

2 WNW Junius 05 2013CST 0 0 0.00K 0.00K Hail (1.00)

Brule County

5 E Eagle 05 2030CST 0 0 0.00K 0.00K Hail (1.25)

Moody County

6 N Colman 05 2030CST 0 0 0.00K 0.00K Hail (1.00)

Large hail followed estimated 50 mph thunderstorm wind gusts.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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SOUTH DAKOTA, Southeast

Lake County

3 S Madison

05	2030CST				0	0	5.00K	0.00K	Thunderstorm Wind (61EG)
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Thunderstorm winds blew a steel pole shed building across a road. The winds also caused tree damage. The winds were accompanied by heavy rain.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Moody County

2 SW Flandreau

05	2057CST				0	0	0.00K	0.00K	Thunderstorm Wind (63MG)
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Note: The measured wind gust of 63 knots is equivalent to 72 mph.

Moody County

1 W Flandreau

05	2100CST 2120CST				0	0	1.00M	0.00K	Thunderstorm Wind (65EG)
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Thunderstorm winds caused widespread damage in the south part of Flandreau. Roofs on homes, apartment buildings, and other buildings were blown off or damaged. The roof of a large church was blown off, and parts of the roof damaged nearby homes. The Flandreau city office building had part of its south wall blown off, resulting in interior damage to ceiling tiles and insulation. Siding on other walls of this building and on numerous homes was damaged. Tree damage was widespread, including several trees blown down or uprooted. The winds blew down power lines, leaving parts of the city without power for almost three hours.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Moody County

1 NE Flandreau Muni Arpt

05	2222CST				0	0	5.00K	0.00K	Thunderstorm Wind (61EG)
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Thunderstorm winds flattened a billboard sign with a metal frame.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Lake County

2 ENE Wentworth

05	2230CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds caused tree damage, including several branches blown down. The winds were accompanied by heavy rain and by half inch diameter hail that covered the ground.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Lake County

3 NW Orland

1 SE Ramona

05	2245CST								
06	0245CST				1	0	2.00M	0.00K	Flash Flood

Heavy rainfall of up to 6 inches caused flash flooding of numerous roads, parks, fields, other low areas, and buildings including homes. At least 90 homes were heavily damaged in Madison by the flooding, including at least two with basement walls washed out. A basement wall of a dentists business was also washed out and the basement flooded with 9 feet of water. Numerous personal possessions in flooded homes and businesses were destroyed. The flash flooding included Memorial Creek, and there was a fatality when an out of state visitor drowned when attempting to cross the flooded creek. While this fatality and most of the damage was in Madison, many rural roads and fields were flooded in the area, and east to near the town of Wentworth. M291W

Thunderstorms produced large hail, damaging winds, and flash flooding in southeast South Dakota, near and north of Interstate 90, during the evening of May 5th. The flash flooding continued past midnight on May 6th. M291W

Davison County

8 NNW Mitchell

06	0600CST								
13	1800CST				0	0	0.00K	0.00K	Flood

Heavy rain caused minor flooding of the James River, affecting some farmland and roads. The river crested at 2.4 feet above flood stage near Mitchell on May 8th.

Hanson County

1 N Riverside

9 S Alexandria

06	0600CST								
13	1800CST				0	0	0.00K	0.00K	Flood

Heavy rain caused minor flooding of the James River, affecting some farmland and roads.

Heavy rain caused minor flooding of the James River in early May 2012.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH DAKOTA, Southeast

Meccook County

5 NW Salem

06	0600CST								
10	1800CST				0	0	0.00K	0.00K	Flood

Heavy rain caused flooding of the Little Vermillion River, with some roads, parkland and farmland affected. The river crested at 2.12 feet above flood stage near Salem on May 7th.

Heavy rain caused brief flooding of the Little Vermillion and Vermillion Rivers in southeast South Dakota in early May 2012.

Lincoln County

3 W Sioux Falls

06	0600CST								
09	1800CST				0	0	0.00K	0.00K	Flood

Minor to moderate flooding of the Big Sioux River affected some farmland, parkland, and a few roads.

Minnehaha County

2 N Dell Rapids

06	0600CST								
09	1800CST				0	0	0.00K	0.00K	Flood

Minor to moderate flooding of the Big Sioux River affected some farmland, parkland, and a few roads. The river crested at 2.03 feet above flood stage at Dell Rapids on May 7th, and at 1.49 feet above flood stage in Sioux Falls on May 9th.

Moody County

12 NW Flandreau

06	0600CST								
09	1800CST				0	0	0.00K	0.00K	Flood

Minor to moderate flooding of the Big Sioux River affected some farmland, parkland, and a few roads.

Union County

8 ENE Alcester

3 SE Jefferson

07	0600CST								
13	1800CST				0	0	0.00K	0.00K	Flood

Minor to moderate flooding of the Big Sioux River affected some farmland, parkland, and a few roads. The river crested at 2.2 feet above flood stage at Hawarden, Iowa on May 10th, and at 2.31 feet above flood stage at Akron, Iowa on May 11th.

Runoff from heavy rain caused minor to moderate flooding of the Big Sioux River in early May.

Minnehaha County

3 SSE Corson

07	0600CST								
08	1800CST				0	0	0.00K	0.00K	Flood

Heavy rain caused minor lowland flooding of Split Rock Creek. The creek crested at 1.98 feet above flood stage on May 7th.

Heavy rain caused minor flooding of Split Rock Creek near Corson South Dakota on May 7th and 8th, 2012.

Hutchinson County

6 NW Milltown

3 E Kaylor

08	0600CST								
13	1800CST				0	0	0.00K	0.00K	Flood

Heavy rain caused minor flooding of the James River, affecting some farmland and roads. The flooding was noticed mostly in the northern part of the county, with lesser flooding downstream. The River crested at less than a tenth of a foot above flood stage near Scotland on May 12th.

Heavy rain caused minor flooding of the James River in early May 2012.

Turner County

1 W Dolton

08	0600CST								
13	1800CST				0	0	0.00K	0.00K	Flood

Heavy rain caused flooding of the Vermillion River, with some roads, parkland and farmland affected. The river crested at 2.0 feet above flood stage near Davis on May 10th.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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SOUTH DAKOTA, Southeast

Clay County

4 N Wakonda

11	0600CST								
13	1800CST				0	0	0.00K	0.00K	Flood

Heavy rain caused flooding of the Vermillion River, with some roads, parkland and farmland affected. The river crested at 1.9 feet above flood stage near Wakonda on May 12th.

Heavy rain caused brief flooding of the Little Vermillion and Vermillion Rivers in southeast South Dakota in early May 2012.

Miner County

1 SE Howard

26	0508CST				0	0	0.00K	0.00K	Hail (1.00)
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Lake County

1 NE Madison

26	0544CST				0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
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Thunderstorm winds blew down trees and power lines.

Thunderstorms produced large hail in Miner County, and damaging winds in Lake County in southeast South Dakota on the early morning of May 26th. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Lincoln County

6 N Hudson

27	1710CST				0	0	0.00K	0.00K	Hail (1.50)
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Lincoln County

1 E Canton Muni Arpt

27	1720CST				0	0	0.00K	0.00K	Hail (1.00)
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Large hail was accompanied by wind gusts up to 50 mph.

Union County

2 SE Junction City

27	1813CST				0	0	15.00K	0.00K	Thunderstorm Wind (61EG)
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Thunderstorm winds blew over a semi truck on Interstate 29.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Union County

4 SSW Big Spgs

27	1815CST				0	0	0.00K	0.00K	Hail (1.50)
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Large hail was accompanied by damaging wind gusts.

Union County

4 SSW Big Spgs

27	1815CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds caused tree damage, including half a maple tree blown down. The winds were accompanied by large hail.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Union County

2 WSW Big Spgs

27	1825CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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Thunderstorm winds caused tree damage, including several trees and numerous branches blown down.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Union County

1 N Mc Cook Lake

27	2038CST				0	0	0.00K	0.00K	Hail (1.00)
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Union County

1 W Graham Arpt

27	2045CST				0	0	0.00K	0.00K	Hail (1.00)
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Thunderstorms produced large hail and damaging winds in Lincoln and Union Counties of extreme southeast South Dakota during the late afternoon and evening of May 27th.

Union County

8 ENE Alcester

28	0600CST								
31	2359CST				0	0	0.00K	0.00K	Flood

Minor to moderate flooding of the lower Big Sioux River affected some farmland and roads. The river crested at 2.2 feet above flood stage at Hawarden, Iowa on May 31st, and at 2.26 feet above flood stage at Akron, Iowa, also on May 31st.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH DAKOTA, Southeast

Runoff from heavy rain caused minor to moderate flooding of the lower Big Sioux River in late May.

SOUTH DAKOTA, West

Haakon County (PHP)Philip Arpt

01	1854MST 1855MST				0	0	0.00K	0.00K	Thunderstorm Wind (55MG)
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A thunderstorm produced strong wind gusts as it tracked eastward across the west central South Dakota plains. A wind gust of 63 mph was recorded at the Philip Airport. Note: The measured wind gust of 55 knots is equivalent to 63 mph.

Mellette County 3 SSE White River

04	0930CST				0	0	0.00K	0.00K	Hail (1.00)
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Mellette County Wood

04	0947CST				0	0	0.00K	0.00K	Hail (1.00)
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A severe thunderstorm developed across south central South Dakota during the early morning and produced heavy rain and hail to quarter size across Mellette County.

Pennington County 3 SE Deerfield

05	0100MST				0	0	0.00K	0.00K	Hail (1.00)
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Pennington County 4 N Johnson Siding

05	0130MST 0140MST				0	0	0.00K	0.00K	Hail (0.75)
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A thunderstorm moved across the central Black Hills and produced hail to quarter size over western Pennington County before weakening as it moved onto the plains.

Jackson County 3 SW Interior

05	0300MST				0	0	0.00K	0.00K	Hail (1.75)
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Jackson County Interior

05	0303MST				0	0	0.00K	0.00K	Hail (1.50)
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A severe thunderstorm developed across northern Shannon County during the early morning and tracked east-northeast along the White River. It produced golf ball sized hail in the Interior area.

Pennington County 8 SSE Rapid City

05	0305MST				0	0	0.00K	0.00K	Hail (0.75)
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A thunderstorm passed across the central Black Hills and produced penny sized hail south of Rapid City.

Custer County 2 NW Buffalo Gap

05	0342MST				0	0	0.00K	0.00K	Hail (1.00)
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An early morning thunderstorm briefly became severe over eastern Custer County and produced quarter sized hail near Buffalo Gap.

Tripp County 1 ESE Winner

05	0505CST				0	0	0.00K	0.00K	Hail (1.00)
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Tripp County Winner

05	0508CST				0	0	0.00K	0.00K	Hail (0.75)
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A severe thunderstorm developed over Tripp County during the early morning hours and produced quarter sized hail in Winner.

Shannon County 6 NNW Kyle

05	0520MST				0	0	0.00K	0.00K	Hail (1.00)
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A severe thunderstorm produced large hail over across the southern Badlands.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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SOUTH DAKOTA, West

Mellette County

10 NNE White River 05 0530CST 0 0 0.00K 0.00K Hail (1.00)

A severe thunderstorm developed across northern Shannon County during the early morning and tracked east-northeast along the White River. It produced golf ball sized hail in the Interior area.

Jackson County

11 ENE Wanblee 05 0610MST
0620MST 0 0 0.00K 0.00K Hail (0.88)

A thunderstorm tracked across central Jackson County and produced nickel sized hail east of Wanblee.

SDZ001-013-026-031>032-042>043-047-073

Haakon - Harding - Jackson - Northern Meade County Plains - Pennington Co Plains - Perkins - Rapid City - Shannon - Southern Meade Co Plains - Todd

10 1230MST
2200MST 0 0 0.00K 0.00K High Wind

Strong northwest winds developed briefly behind a cold front passage. Winds gusted to 65 mph across portions of northwestern into south central South Dakota.

Lawrence County

3 WNW Nemo 18 1400MST 0 0 0.00K 0.00K Hail (1.25)

Hail to half dollar size covered the ground near Nemo from a brief severe thunderstorm.

Jackson County

9 N Wanblee 18 1702MST 0 0 0.00K 0.00K Hail (1.00)

Jackson County

9 N Wanblee 18 1702MST 0 0 0.00K 0.00K Thunderstorm Wind (61EG)

Wind gusts were estimated at 70 mph.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Jackson County

Kadoka 18 1722MST 0 0 400.00K 0.00K Thunderstorm Wind (79EG)

Wind gusts estimated at 90 mph blew roofs off two buildings, including the hardware store, and downed trees and power poles.

Note: The estimated wind gust of 79 knots is equivalent to 91 mph.

Jackson County

2 NW Kadoka 18 1725MST
1730MST 0 0 5.00K 0.00K Hail (1.75)

Wind-driven hail damaged shingles and broke house windows.

Jackson County

8 N Kadoka 18 1739MST 0 0 0.00K 0.00K Hail (0.88)

Nickel sized hail covered the ground.

Jackson County

8 N Kadoka 18 1739MST 0 0 1.00K 0.00K Thunderstorm Wind (70EG)

Trees were uprooted by the wind.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Jackson County

10 NNW Belvidere 18 1805MST 0 0 0.00K 0.00K Thunderstorm Wind (52EG)

Wind gusts were estimated at 60 mph.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>SOUTH DAKOTA, West</u>									
Haakon County Midland	18	1825MST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
<p>Wind gusts were estimated at 65 mph. A severe thunderstorm developed over southwestern Jackson County and moved northeastward across Jackson and Haakon Counties. The storm produced golf ball sized hail and very strong wind gusts, which caused significant damage in Kadoka. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.</p>									
Todd County 11 SW St Francis	21	1810CST			0	0	0.00K	0.00K	Hail (1.00)
Todd County 7 SSE St Francis	21	1825CST			0	0	0.00K	0.00K	Hail (1.00)
Todd County 7 SSE St Francis	21	1825CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
<p>Wind gusts were estimated around 60 mph. A severe thunderstorm developed across northern Cherry County, Nebraska and tracked northeastward into Todd County. The storm produced hail to quarter size and strong wind gusts over southern Todd County before weakening. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.</p>									
Harding County (2WX)Buffalo	22	1714MST			0	0	0.00K	0.00K	Thunderstorm Wind (53MG)
<p>A thunderstorm moved eastward from southeastern Montana and produced gusty winds across Harding County. A 61 mph wind gust was measured in Buffalo. Note: The measured wind gust of 53 knots is equivalent to 61 mph.</p>									
Mellette County 10 NNE White River	22	1815CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
<p>Wind gusts were estimated at 60 mph. A thunderstorm briefly became severe and produced 60 mph wind gusts as it tracked across northern Mellette County. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.</p>									
<u>TENNESSEE, Central</u>									
Clay County 2 S Hermitage Spgs	05	0400CST			0	0	25.00K		Thunderstorm Wind (55EG)
<p>Some trees were downed across the county. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.</p>									
Fentress County 1 W Jamestown	05	0400CST			0	0	35.00K		Thunderstorm Wind (55EG)
<p>Some trees were downed across the county resulting in power outages. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.</p>									
Pickett County Byrdstown	05	0400CST			0	0	25.00K		Thunderstorm Wind (55EG)
<p>Some trees were downed across the county. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.</p>									
Fentress County 3 NE Banner Spgs	05	0430CST			0	0			Hail (1.00)
<p>As an area of showers and thunderstorms moved out of southern Kentucky into northern portions of the Cumberland Plateau during the early morning hours of Saturday, May 5th, a few of these thunderstorms reached severe thresholds, with damaging winds and large hail events occurring across three counties.</p>									
Humphreys County 1 SW Mc Ewen	06	0120CST			0	0	2.00K		Thunderstorm Wind (55EG)
<p>A tree was downed in McEwen. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.</p>									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TENNESSEE, Central									
Maury County Columbia	06	0305CST			0	0			Hail (0.88)
Montgomery County 2 N Clarksville	06	1511CST			0	0			Hail (0.88)
Davidson County 1 SSE Nashville	06	1527CST			0	0			Hail (1.00)
Davidson County 1 NNW Berry Hill	06	1530CST			0	0	5.00K		Thunderstorm Wind (55EG)
A few small trees were downed near the intersection of 8th Avenue South and Wedgewood Avenue.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Robertson County Ridgeton	06	1608CST			0	0			Hail (1.00)
Robertson County Ridgeton	06	1608CST			0	0	2.00K		Thunderstorm Wind (50EG)
A few small trees were downed.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Sumner County 1 ENE Hendersonville	06	1618CST			0	0			Hail (1.00)
Williamson County 2 ESE Berrys Chapel	06	1629CST			0	0			Hail (0.75)
Robertson County 1 S Crunk	06	1635CST			0	0			Hail (0.88)
Davidson County 1 S West Meade	06	1715CST			0	0			Hail (0.75)
Williamson County 2 NW Mallorys	06	1745CST			0	0			Hail (1.00)
Williamson County 4 N Mallorys	06	1750CST			0	0			Hail (1.00)
Williamson County 5 NNE Forest Home	06	1815CST			0	0	50.00K		Lightning
Lightning struck a home on 401 Brickenhall Drive. Several bricks from a roof chimney were blown off, a nine inch whole occurred in the roof, electrical damage occurred to the home security system, garage door, and second story HDAC unit.									
Williamson County 1 ESE Rudderville	06	1835CST			0	0	10.00K		Lightning

Lightning struck a home at 6371 McDaniel Road in the College Grove Area. There were some hot spots on the interior of the structure which resulted in a small fire. Any additional damage details were unknown.

On Sunday, May 6th, as an area of showers and thunderstorms moved across western portions of Middle Tennessee during the early morning hours and an area of showers and thunderstorms developed across western and central portions of the mid state during the mid afternoon and lasted through the early evening hours, some thunderstorms reached severe thresholds, with seven different counties experiencing either thunderstorm wind damage or large hail or both. Two homes were also struck by lightning in Williamson County.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TENNESSEE, Central									
Robertson County White House	17	1430CST			0	0			Hail (0.75)
A thunderstorm reached strong thresholds during the mid afternoon hours on Thursday, May 17th, which resulted in penny size hail falling in Robertson County.									
Bedford County 2 SSW Fairfield	18	1650CST			0	0			Hail (0.75)
Rutherford County 3 SSW Blackman	18	1705CST			0	0			Hail (0.88)
During the late afternoon hours on Friday, May 18th, a couple of thunderstorms reached strong thresholds, one over Bedford County and another over Rutherford County, both producing large hail.									
Grundy County 1 S Hobbs Hill	19	1225CST			0	0			Hail (0.88)
Davidson County 1 NNW Wrencoe	19	1417CST			0	0			Hail (0.75)
Coffee County 1 S Pocahontas	19	1500CST			0	0			Thunderstorm Wind (56EG)
A home weather station near Beechgrove measured a wind gust of 64 mph.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Robertson County Springfield	19	1520CST			0	0			Hail (1.00)
Cannon County 1 NNE Mitchelville	19	1535CST			0	0			Hail (0.75)
Coffee County 2 ENE Gnat Hill	19	1540CST			0	0			Hail (1.00)
Rutherford County 2 E Murfreesboro	19	1558CST			0	0			Hail (0.75)
Sumner County 2 SE Peytona	19	1600CST			0	0			Hail (0.88)
Rutherford County 1 E Murfreesboro	19	1601CST			0	0			Hail (1.00)
Maury County Columbia	19	1611CST			0	0			Hail (0.88)
Cheatham County Pleasant View	19	1615CST			0	0			Hail (0.88)
Rutherford County 3 SSE Murfreesboro	19	1623CST			0	0			Hail (0.88)
Rutherford County 3 W Dillon	19	1623CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TENNESSEE, Central

Bedford County 1 E Unionville	19	1640CST			0	0			Hail (1.25)
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Bedford County 1 SSW Fall Creek	19	1645CST 1715CST			0	0	1.00K	1.00K	Heavy Rain
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Two and three tenths of an inch of rain was measured in the past 30 minutes. This resulted in water covering low lying roadways in this area, causing them to close temporarily, and resulting in economic commerce interest having to use alternate transportation routes.

Wilson County 2 SE Lebanon	19	1650CST			0	0			Hail (0.75)
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Wilson County 1 SSE Lebanon	19	1700CST			0	0			Hail (1.75)
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Wilson County West End Hgts	19	1709CST 1719CST			0	0			Hail (1.00)
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Potentially hailed through a 10 minute period with maximum hail size up to a quarter.

Rutherford County 2 SSW La Vergne	19	1730CST			0	0			Hail (0.75)
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Williamson County 2 E Nolensville	19	1745CST			0	0			Hail (1.00)
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Davidson County 1 W Wrencoe	19	1749CST			0	0			Hail (0.88)
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Davidson County 1 ESE Wrencoe	19	1750CST			0	0			Hail (0.75)
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Davidson County 1 W Wrencoe	19	1753CST			0	0			Hail (0.75)
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Through the afternoon hours on Saturday, May 19th, scattered to numerous showers and thunderstorms developed across central portions of Middle Tennessee. Some of these thunderstorms reached severe thresholds, resulting in either large hail or thunderstorm wind damage or both across a dozen counties in the mid state. Heavy rainfall also resulted in transportation problems in Bedford County.

Lawrence County 1 NNE North Xrds	21	1930CST			0	0	10.00K		Thunderstorm Wind (55EG)
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Some trees were blown down along Buffalo Road and Good Hope Road north of Lawrenceburg.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Lawrence County 1 SSW St Joseph	21	1953CST			0	0			Hail (0.88)
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During the evening hours on Monday, May 21st, a thunderstorm reached severe thresholds producing thunderstorm wind damage and nickel size hail in Lawrence County.

Benton County Camden Big Sandy	29	0600CST 1030CST			0	0	10.00K	1.00K	Flash Flood
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Several roads flooded northeast of Camden including Ebenezer Road, Joe Corbitt Road, Flatwoods Road, and Cuff Road. Within this area, CoCoRaHS reports measured 5.75 inches of rainfall between 4:45 am and 8:22 am.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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TENNESSEE, Central

Benton County 1 NNE Camden

29	0615CST				0	0	10.00K		Thunderstorm Wind (55EG)
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Several trees were downed in and around Camden.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Benton County 3 NW Way

29	0640CST				0	0	5.00K		Thunderstorm Wind (55EG)
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Several trees were blown down on Cedar Grove Road.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Stewart County 1 SW Dover

29	0900CST				0	0	10.00K		Lightning
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Lightning struck a shed and set it on fire on Leatherwood Road in Dover. Specific details on how much damage occurred to the shed and associated damage costs were unknown.

Montgomery County 1 SSW Park Lane

29	1550CST				0	0	30.00K		Thunderstorm Wind (73EG)
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Roof was blown off of Allen's Gun Shop on Dover Road.

Note: The estimated wind gust of 73 knots is equivalent to 84 mph.

Montgomery County 1 N Port Royal

29	1555CST				0	0	30.00K		Thunderstorm Wind (67EG)
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A roof was blown off a building in Port Royal. Type of building was unknown. Several trees were also downed in this area.

Note: The estimated wind gust of 67 knots is equivalent to 77 mph.

Montgomery County Clarksville

29	1600CST				0	0	5.00K		Thunderstorm Wind (55EG)
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Some trees were downed behind the target shopping center off of Dunlop Lane.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Montgomery County 1 ENE Kennedy

29	1600CST				0	0	10.00K	10.00K	Thunderstorm Wind (55EG)
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Several one foot trees were downed along with some corn fields that were flattened.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Robertson County 1 NE Sadlersville

29	1600CST				0	0	10.00K		Thunderstorm Wind (55EG)
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Some trees were snapped near Adams.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Robertson County Sadlersville

29	1600CST				0	0	10.00K		Thunderstorm Wind (55EG)
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Some trees were downed across western portions of county.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Stewart County 1 ESE Cumberland City

29	1600CST				0	0	2.00K		Thunderstorm Wind (55EG)
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A tree was downed in Cumberland City.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Robertson County 3 S Adams

29	1611CST				0	0	10.00K		Thunderstorm Wind (55EG)
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Multiple trees were downed at the intersection of Glenn Raven Road and Turnersville Road.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TENNESSEE, Central									
Houston County 2 ENE Spring Hill	29	1615CST			0	0	10.00K		Thunderstorm Wind (55EG)
A few trees were downed on State Highway 46 near the Dickson County Line.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Montgomery County Shiloh	29	1615CST			0	0	5.00K		Thunderstorm Wind (55EG)
A few trees were downed across southwestern portions of the county in and around Shiloh.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Robertson County 2 W Turnersville	29	1615CST			0	0	30.00K		Thunderstorm Wind (55EG)
In Turnersville and the surrounding areas multiple trees were reported downed and Glenn Raven Road was temporarily blocked. One vehicle was struck by a fallen tree. Law enforcement officials confirmed that no one was injured. Specific details concerning any damage to the vehicle were unknown.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Robertson County Cedar Hill	29	1615CST			0	0	2.00K		Thunderstorm Wind (55EG)
A tree was downed in Cedar Hill.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Humphreys County Waverly	29	1625CST			0	0	25.00K		Thunderstorm Wind (55EG)
A train track gate was blown down in Waverly. Details concerning which particular train track gate blown down were unknown. Several trees were also downed in Waverly.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Robertson County 2 ENE Greenbrier	29	1635CST			0	0	5.00K		Thunderstorm Wind (55EG)
Some trees were downed along Distillery Road.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Rutherford County 2 NNE Sandhill	29	1720CST			0	0	5.00K		Thunderstorm Wind (55EG)
A tree fell on a home on Clearlake Drive in La Vergne. Details concerning any damage that occurred to the home were unknown.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Rutherford County 1 SW Sandhill	29	1725CST			0	0	10.00K		Thunderstorm Wind (55EG)
Several trees and large limbs were blown down near Veterans Memorial Park.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Rutherford County 1 NE Sandhill	29	1725CST			0	0	10.00K		Thunderstorm Wind (55EG)
Numerous trees and large limbs were blown down in the Lake Forest Subdivision.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Coffee County 1 E Tullahoma	29	1825CST			0	0	25.00K		Thunderstorm Wind (55EG)
Multiple trees were downed resulting in power outages in Tullahoma.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TENNESSEE, Central									
Lawrence County 1 SSE Leoma	29	1830CST			0	0	5.00K		Thunderstorm Wind (55EG)
A tree fell on a house on Fair Street in Leoma. Specific details concerning any damage to the house were unknown.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Lawrence County 2 SW St Joseph	29	1850CST			0	0	10.00K		Thunderstorm Wind (55EG)
A tree was downed across County Highway 326. Several other roads across southern portions of the county had trees downed on them too.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Giles County Minor Hill	29	1910CST			0	0	10.00K		Thunderstorm Wind (55EG)
In and around Minor Hill, several trees fell on roadways and scattered power outages were reported.									
From the mid morning hours through the early evening hours on Tuesday, May 29th, across ten counties in Middle Tennessee, as successive lines of showers and thunderstorms moved through during the mid morning hours and through the afternoon hours respectively, some thunderstorms reached severe thresholds producing thunderstorm wind damage. There was also flash flooding in Benton County and a lightning strike in Stewart County. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Davidson County Nashville	31	1910CST			0	0	25.00K		Thunderstorm Wind (55EG)
Multiple trees and power lines were downed in Metro Nashville.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Davidson County 1 N Woodbine	31	1915CST			0	0	10.00K		Thunderstorm Wind (55EG)
A tree fell on 4 cars at 860 Murfreesboro Pike. Specific details concerning if any damage occurred to any of the cars were unknown.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Davidson County 1 NNW Glenciff	31	1915CST			0	0	5.00K		Thunderstorm Wind (55EG)
Two trees were blown down on Radford Drive.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Wilson County 2 NE Silver Bottom	31	1935CST			0	0	10.00K		Thunderstorm Wind (55EG)
Several trees were downed across the road at 2938 Benders Ferry Rd.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Sumner County 1 S Gallatin	31	1940CST			0	0	30.00K		Thunderstorm Wind (55EG)
Multiple trees were downed in Gallatin and the surrounding area. Some of these trees fell on power lines resulting in power loss in certain sections of the city.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Sumner County 1 NNE Portland	31	1955CST			0	0	10.00K		Thunderstorm Wind (55EG)
Several trees were blown down on North Russell Street in Portland.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TENNESSEE, Central

Wilson County 1 N Centerville

31	2002CST				0	0	10.00K		Thunderstorm Wind (55EG)
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Several trees were downed about 8 miles northeast of Lebanon.

Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

Trousdale County 1 SE Hartsville

31	2010CST				0	0	15.00K		Thunderstorm Wind (55EG)
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Some trees were downed throughout the county.

As a line of showers and thunderstorms moved across central portions of Middle Tennessee during the mid evening hours on Thursday, May 31st, some thunderstorms reached severe thresholds across four central counties in the mid state, producing thunderstorm wind damage. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.

TENNESSEE, East

Cocke County 1 SSW Bybee

15	1720EST				0	0			Hail (1.00)
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Quarter sized hail was reported five miles north of Newport.

Isolated thunderstorms formed along the Southern Appalachian Mountains late in the afternoon. The atmosphere destabilized sufficiently for the production of large hail in one of the storms that migrated northeast along the foothills in Cocke County.

Bledsoe County 1 NW Lees Station

19	1330CST				0	0			Hail (1.00)
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Quarter sized hail was reported five miles southwest of Pikeville.

Bledsoe County 1 E Hitchcox

19	1410CST				0	0			Hail (1.00)
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Quarter sized hail was reported two miles northwest of Old Cumberland.

A few thunderstorms developed on the Cumberland Plateau across Southeast Tennessee during the late afternoon hours. Severe convection was limited due to limited atmospheric lift and instability.

Bledsoe County 2 W Gerren Hgts

29	1830CST				0	0			Thunderstorm Wind (50EG)
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Two trees were reported down in New Harmony.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Rhea County 3 NW Dayton Arpt

29	1940EST				0	0			Thunderstorm Wind (50EG)
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One tree was reported down on Bluff View Drive and another tree was downed on Ogden Road.

Scattered thunderstorms developed ahead of an outflow boundary across Southern Middle Tennessee early in the afternoon. This area of storms continued southeast across the Cumberland Plateau of Southeast Tennessee producing some wind damage. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Blount County 1 S Alcoa

31	1905EST				0	0			Thunderstorm Wind (50EG)
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Several trees were reported down across Blount County.

A few thunderstorms developed ahead of a weak cold front across Central East Tennessee during the late afternoon and early evening hours. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TENNESSEE, West									
Fayette County									
3 ENE Laconia	02	1720CST 1725CST			0	0		0.00K	Hail (1.00)
									Up to quarter size hail fell between Somerville and Whiteville.
									A weak upper level low pressure system moved over the Mid-South on May 2nd, 2012. The combination of the upper low and daytime heating produced showers and thunderstorms across the area during the late afternoon into the evening. Some storms became severe producing large hail.
Weakley County									
1 SE Gleason	05	2322CST 2335CST			0	0		0.00K	Hail (1.25)
Shelby County									
1 S National Cemetery	06	2128CST 2133CST			0	0		0.00K	Hail (0.75)
									Penny size hail fell near the intersection of Macon Road and National Street in Memphis.
									A weak upper level low pressure system remained over the Mid-South during the beginning part of May. The combination of the weak upper level low and daytime heating produced showers and thunderstorms across the area on May 5th, 2012. The storms initiated along old outflow boundaries near Northwest Tennessee and Western Kentucky. The storms eventually evolved into an MCS. Some of the storms produced large hail. These storms pushed out of the area by late morning/early afternoon of May 6th. The combination of old outflow boundaries and daytime heating allowed for redevelopment to occur during the late evening hours of May 6th into the early morning hours of May 7th. Again some of these storms produced large hail.
TNZ001-002									
Lake - Obion									
	24	0600CST							
	31	2359CST			0	0	0.00K		Drought
									Below normal rainfall through the spring brought on moderate (D2) drought conditions across extreme Northwest Tennessee by the end of May. Many crops that were planted during the spring struggled to grow due to lack of water.
Henderson County									
1 WSW Juno	29	0530CST 0535CST			0	0		0.00K	Hail (0.75)
									Penny size hail fell along Highway 412, west of Lexington.
Carroll County									
Hollow Rock	29	1610CST 1625CST			0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
1 WNW Bruceton									Straight line winds knocked 3 to 4 power poles down in Hollow Rock.
									A weak cold front approached the Mid-South from the north on May 29th, 2012. Showers and thunderstorms developed at various times throughout the day ahead of the front. Some storms produced large hail and damaging winds. The storms died by late evening. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Shelby County									
2 WNW Ramsey	31	1348CST 1405CST			0	1	0.00K	0.00K	Thunderstorm Wind (50EG)
1 S Rosemark									Straight line winds produced damage from Shelby Forest to just east of Millington. Several trees were knocked down in the vicinity of Shelby Forest. One tree fell on a mobile home along Raleigh-Millington Road causing a minor injury. A few trees were also knocked down along Highway 14 east of Millington.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Tipton County									
1 SSW Atoka	31	1400CST 1405CST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
									An 8X10 shed was blown 30 yards near the intersection of Walker Parkway and Edith Street in Atoka.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TENNESSEE, West

A cold front and an associated upper level disturbance moved through the Mid-South during the afternoon hours of May 31, 2012. Showers and thunderstorms developed along and ahead of the cold front. Some storms became severe producing damaging winds and large hail. A few storms also produced heavy rain. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

TEXAS, Central

**TXZ049-098-113>
114**

Fisher - Haskell - Jones - Shackelford - Throckmorton

01	0000CST								
31	2359CST				0	0	0.00K	0.00K	Drought

Although beneficial rains returned to a large part of West Central Texas, there were a few areas that did not receive rainfall. Severe to extreme drought continued to grip much of the Big Country or the region along and north of Interstate 20, and the western portions of the Northern Edwards Plateau (Crockett and western Sutton County). Exceptional drought continued to plague western Fisher County. The community of Robert Lee continues to build a pipe line that will bring water into the community from the Oak Creek Reservoir and nearby groundwater sources. Surface water supplies are still low across the region due to limited runoff from rainfall. The City of San Angelo has enacted drought level two water restriction because of a limited, 17 month water supply. Several other cities like Abilene and Brownwood have also enacted water restrictions because of the dwindling water supplies.

According to the Texas Crop Weather Report issued May 22 by the Texas A&M Agriculture Program, the wheat harvest was in full swing with good yields, much of the wheat was grazed out or baled for hay. Cotton farmers in many areas began planting. Rangeland and pastures were boosted by recent rains but weeds continued to be a problem in all areas. Coastal Bermuda grass fields still had bare patches from 2011 but were improving. Stock Tanks were full in most areas. Livestock were in good condition. Sheep and goat producers were finishing working goats and shearing sheep. Ranchers became very optimistic and began restocking cattle sheep and goat herds.

Haskell County 3 NNE Rule

03	1919CST				0	0	0.00K	0.00K	Hail (1.50)
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The public reported ping pong ball size hail just north of Rule.

Haskell County 5 NW Haskell

03	1925CST				0	0	0.00K	0.00K	Hail (1.75)
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Penny to golf ball size hail was reported along Farm to Market Road 2407, north of County Road 129.

Haskell County 2 S Weinert

03	2000CST				0	0	0.00K	0.00K	Hail (1.75)
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The public reported golf ball size hail along U.S. Highway 277, near the intersection with State Loop 203.

Haskell County 1 E Weinert

03	2006CST				0	0	0.00K	0.00K	Hail (0.88)
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Haskell County 1 SE Weinert

03	2014CST				0	0	0.00K	0.00K	Hail (1.00)
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Nickel to quarter size hail was reported 1 mile south of Weinert on U.S. Highway 277.

Shackelford County Albany

04	1548CST				0	0	0.00K	0.00K	Hail (0.88)
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Shackelford County Albany

04	1600CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A power line was reported down in Albany. The time was estimated by radar.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Central									
Shackelford County Albany	04	1605CST			0	0	0.00K	0.00K	Hail (1.50)
Taylor County 1 ESE Guion	04	1631CST			0	0	0.00K	0.00K	Hail (1.00)
									Pea to quarter size hail was reported along U.S. Highway 283 as the hail was increasing in size.
Callahan County Cross Plains	04	1815CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
									Tree damage was reported in Cross Plains. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Callahan County Cross Plains	04	1816CST			0	0	0.00K	0.00K	Hail (1.50)
									Pea to ping pong ball size hail was reported in Cross Plains.
Callahan County Cross Plains	04	1820CST			0	0	0.00K	0.00K	Hail (1.75)
									The public reported golf ball size hail in Cross Plains which produced extensive damage to vehicles.
Brown County 2 NNE May	04	1900CST			0	0	0.00K	0.00K	Hail (0.88)
Menard County 5 W Callan	05	1725CST			0	0	0.00K	0.00K	Hail (0.88)
Brown County 2 SSE Brownwood Bowie Arpt	05	1828CST			0	0	0.00K	0.00K	Hail (1.75)
Brown County 2 SSW Ricker	05	1844CST			0	0	0.00K	0.00K	Hail (1.50)
Mason County 1 E Koockville	05	1845CST			0	0	0.00K	0.00K	Hail (0.88)
Mason County 5 WSW Streeter	05	1845CST			0	0	0.00K	0.00K	Hail (0.88)
Brown County 1 SW Brownwood	05	1845CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
									A large tree was blown down onto power lines in the 1700 hundred block of 6th street in Brownwood. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Brown County 4 S Brownwood Bowie Arpt	05	1850CST			0	0	0.00K	0.00K	Thunderstorm Wind (70EG)
									A roof was blown off a barn onto U.S. Highway 183. Note: The estimated wind gust of 70 knots is equivalent to 81 mph.
Brown County 1 ESE Brownwood Bowie Arpt	05	1850CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
									A snapped power pole was reported at the intersection of Highway 45 and Indian Creek Road. The time was estimated. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Central									
Menard County 1 W Menard	05	1852CST			0	0	0.00K	0.00K	Hail (1.00)
									Dime to quarter size hail was reported in Menard.
Mason County 1 E Koockville	05	2010CST			0	0	0.00K	0.00K	Hail (0.75)
Menard County 9 SW Hext	06	2130CST 2200CST			0	0	0.00K	0.00K	Hail (1.75)
									The golf ball size hail lasted for 30 minutes.
Kimble County 1 N London	06	2207CST			0	0	0.00K	0.00K	Hail (1.75)
Menard County 8 SSW Hext	07	0626CST			0	0	0.00K	0.00K	Hail (1.75)
Tom Green County 4 SW Goodfellow Afb	07	1226CST			0	0	0.00K	0.00K	Hail (0.88)
Tom Green County 1 W Tankersly Arpt	07	1237CST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail was reported near the Irion/Tom Green County line.
Tom Green County 1 NE (SJT)Mathis Fld San	07	1244CST			0	0	0.00K	0.00K	Hail (0.75)
Tom Green County 3 ESE Tankersly	07	1245CST			0	0	0.00K	0.00K	Hail (1.00)
Tom Green County 3 ENE (SJT)Mathis Fld San	07	1245CST			0	0	0.00K	0.00K	Hail (1.00)
Tom Green County 2 W Goodfellow Afb	07	1306CST			0	0	0.00K	0.00K	Hail (1.00)
Tom Green County 3 E Wall	07	1314CST			0	0	0.00K	0.00K	Hail (0.88)
Tom Green County 3 E Wall	07	1321CST			0	0	0.00K	0.00K	Hail (1.00)
Irion County Sherwood	07	1335CST			0	0	0.00K	0.00K	Hail (0.88)
Tom Green County 1 SW Tankersly	07	1340CST 1540CST			0	0	0.00K	0.00K	Flash Flood
									A trained storm spotter reported flooding along Farm to Market Road 2335 just south of U.S. Highway 67.
Tom Green County 4 N (SJT)Mathis Fld San	07	1340CST 1540CST			0	0	0.00K	0.00K	Flash Flood
									A water rescue was reported at Southwest Boulevard near Loop 306 in San Angelo.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Central									
Tom Green County 2 NNW Tankersly Arpt	07	1340CST 1540CST			0	0	0.00K	0.00K	Flash Flood
A trained spotter reported flash flooding on U.S. Highway 67 near the Tom Green and Irion County line.									
Nolan County 2 SSE Lake Trammell	07	1400CST			0	1	0.00K	0.00K	Lightning
Concho County 1 E Eden	07	1428CST			0	0	0.00K	0.00K	Hail (0.88)
Menard County 9 SSE Hext	07	1430CST			0	0	0.00K	0.00K	Hail (1.75)
The public reported golf ball size hail in Erna.									
Concho County 1 E Eden	07	1438CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
A wind gust of near 69 mph was reported. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Mason County 4 W Streeter	07	1450CST			0	0	0.00K	0.00K	Hail (2.00)
Two inch diameter hail was reported on Hungary Hollow Road. The report was from the Mason County News.									
Mcculloch County 2 SSW Brady Res	07	1515CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
Thunderstorm winds tore the porch roof off a lake residence at Brady Lake. The porch roof was tossed 60 to 70 feet. The time was estimated. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Mason County 1 N Streeter	07	1520CST			0	0	0.00K	0.00K	Hail (1.50)
The time was estimated from radar. The report was from the Mason County News.									
Mason County 1 E Fredonia	07	1530CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
Trees were uprooted in Fredonia. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Kimble County (JCT)Kimble Co Arpt	07	1537CST			0	0	0.00K	0.00K	Thunderstorm Wind (52MG)
A wind gust of 60 mph was reported at the Junction Airport ASOS. Note: The measured wind gust of 52 knots is equivalent to 60 mph.									
San Saba County 2 SSE San Saba	07	1556CST			0	0	0.00K	0.00K	Hail (1.00)
Jones County 4 NNW Anson	07	1620CST			0	0	20.00K	0.00K	Lightning
Lightning struck an oil storage tank just off U.S. Highway 277, 4 miles north of Anson. The resulting fire was extinguished by Anson and Stamford Volunteer Fire Departments. The dryline, cold frontal boundary and upper level disturbances resulted in a few rounds of severe thunderstorms across West Central Texas. The storms produced large hail, damaging winds and a few reports of flash flooding.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Property Damage	Crops	Character of Storm
TEXAS, Central									
Irion County									
12 NNE Barnhart	10	0928CST 1128CST			0	0	0.00K	0.00K	Flash Flood
Irion County dispatch reported flooding on Ranch Road 2469.									
Irion County									
1 S Barnhart	10	0928CST 1128CST			0	0	0.00K	0.00K	Flash Flood
Irion County dispatch reported U.S. Highway 67 located west of Barnhart was flooded.									
Crockett County									
24 NW Ozona Muni Arpt	10	1100CST 1300CST			0	0	0.00K	0.00K	Flash Flood
Crockett County dispatch reported water covering Farm to Market Road 137, north of Ozona.									
Tom Green County									
3 WNW Wall	10	1134CST 1138CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Three tractor trailers were overturned by damaging thunderstorm winds. Various farm equipment were also overturned.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Tom Green County									
3 WSW Veribest	10	1150CST 1154CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
A thirty foot pine tree was snapped at approximately the 10 foot tree level. Dime size hail was also reported.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Tom Green County									
3 NNW Wall	10	1154CST 1158CST			0	0	0.00K	0.00K	Thunderstorm Wind (65EG)
The fire department reported a home lost its roof, while another home had roof damage. A grove of mesquite trees along Farm to Market Road 765 were damaged and had broken limbs. Power poles and a power line were also downed by the high the winds. Some of the corrugated thin metal sheets were wrapped around some tree trunks along with damage to the grove of mesquite trees. Some debris was observed about 75 to 100 yards northeast of the ranch home.									
A strong upper level disturbance and a cold front brought locally heavy rainfall and damaging winds to the Concho Valley.									
Note: The estimated wind gust of 65 knots is equivalent to 75 mph.									
Throckmorton County									
1 N Throckmorton	28	1805CST 1809CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
The public reported a 52 MPH wind gust in Throckmorton.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Taylor County									
1 W (DYS)Dyess Afb Abile	28	1822CST 1827CST			0	0	0.00K	0.00K	Thunderstorm Wind (55MG)
Note: The measured wind gust of 55 knots is equivalent to 63 mph.									
Taylor County									
1 W (DYS)Dyess Afb Abile	28	1822CST 1827CST			0	0	0.00K	0.00K	Thunderstorm Wind (55MG)
Note: The measured wind gust of 55 knots is equivalent to 63 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Central

Taylor County 3 WSW Abilene

28	1824CST 1828CST				0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
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A large tree was reported down at Quail Hollow Apartments.
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Jones County 6 ESE Abilene

28	1825CST 1830CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Power lines were down along Highway 351, between Abilene and Hamby.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Taylor County 1 ENE Wylie

28	1825CST 1829CST				0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
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A carport awning was blown onto a vehicle at Warwick Apartments, near U.S. Highway 83 and Arrowhead Drive.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Callahan County 10 NW Clyde

28	1830CST 1834CST				0	0	0.00K	0.00K	Thunderstorm Wind (56MG)
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The public reported a wind gust to 65 MPH.
Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Jones County 2 SSW Hawley

28	1830CST 1834CST				0	0	0.00K	0.00K	Thunderstorm Wind (65EG)
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The metal roof on a house was peeled back. In addition, numerous large tree limbs were reported broken, and a carport was damaged.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Taylor County Abilene

28	1830CST 1834CST				0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
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There were reports of many large tree limbs, many power lines, and one power pole downed by the damaging wind across Abilene. This left many without power across the city.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Taylor County 1 N (ABI)Abilene Muni Ar

28	1836CST 1841CST				0	0	0.00K	0.00K	Thunderstorm Wind (51MG)
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Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Callahan County Clyde

28	1840CST 1844CST				0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
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Power lines were reported down in Clyde causing numerous power outages.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Taylor County 3 SE Wylie

28	1900CST 1904CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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The public estimated a 60 MPH wind gust.
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Central									
Throckmorton County									
1 S Woodson	28	1900CST 1904CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
The Throckmorton Volunteer Fire Department reported a 60 MPH wind gust.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Throckmorton County									
Throckmorton	28	1901CST 1905CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Broken tree limbs were reported in Throckmorton.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Nolan County									
8 SSW Maryneal	28	2015CST 2018CST			0	1	0.00K	0.00K	Hail (1.75)
Hail broke several skylights in a home which resulted in minor cuts of a resident.									
Runnels County									
1 SE Wingate	28	2021CST 2024CST			0	0	0.00K	0.00K	Hail (0.88)
Brown County									
1 SW Brownwood	28	2030CST 2034CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Law enforcement reported downed power lines and trees.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Nolan County									
6 SSW Maryneal	28	2036CST 2039CST			0	0	0.00K	0.00K	Hail (1.00)
Runnels County									
2 NNW Winters	28	2039CST 2042CST			0	0	0.00K	0.00K	Hail (1.75)
Pea to golf ball size hail was reported.									
Fisher County									
2 W Claytonville	28	2120CST 2123CST			0	0	0.00K	0.00K	Hail (1.00)
Nolan County									
1 W Sweetwater	28	2125CST 2128CST			0	0	0.00K	0.00K	Hail (0.88)
Nolan County									
1 W Sweetwater	28	2308CST 2315CST			0	0	0.00K	0.00K	Hail (0.88)
Hail fell from 12:08 to 12:15 AM CDT.									
Nolan County									
1 E Nolan	29	0000CST 0003CST			0	0	0.00K	0.00K	Hail (1.75)
A cold front stalled across West Central Texas, resulting in showers and thunderstorms. The thunderstorms resulted in hail and damaging winds.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Central									
Runnels County 1 NE Wingate	30	1615CST 1619CST			0	0	0.00K	0.00K	Hail (0.88)
Taylor County 9 NE Shep	30	1628CST 1638CST			0	0	0.00K	0.00K	Hail (2.75)
Quarter to baseball size hail was reported at Coronado Camp at the Junction of U.S. Highway 277 and Farm to Market Road 89.									
Runnels County 5 NE Norton	30	1630CST 1634CST			0	0	0.00K	0.00K	Hail (2.75)
Taylor County 6 SE Mulberry Canyon	30	1631CST 1635CST			0	0	0.00K	0.00K	Hail (1.75)
Runnels County 1 SW Ballinger	30	1700CST 1704CST			0	0	0.00K	0.00K	Hail (1.75)
Taylor County 4 SW Buffalo Gap	30	1700CST 1704CST			0	0	0.00K	0.00K	Hail (1.75)
Golf ball size hail was reported at Abilene State Park.									
Runnels County 1 SW Ballinger	30	1705CST 1709CST			0	0	0.00K	0.00K	Hail (2.75)
Runnels County 1 SW Ballinger	30	1708CST 1712CST			0	0	0.00K	0.00K	Hail (1.75)
Taylor County 1 S Tuscola	30	1710CST 1714CST			0	0	0.00K	0.00K	Hail (1.00)
Pea to quarter size hail was reported in Tuscola.									
Runnels County 1 SW Ballinger	30	1715CST			0	0	45.00K	0.00K	Lightning
A lightning strike knocked out the Runnels County dispatch communications system.									
Taylor County 1 S Tuscola	30	1725CST 1729CST			0	0	0.00K	0.00K	Hail (1.75)
Taylor County 3 NNW Lawn	30	1727CST 1731CST			0	0	0.00K	0.00K	Hail (1.75)
Taylor County Lawn	30	1733CST 1737CST			0	0	0.00K	0.00K	Hail (1.00)
Dime to quarter size hail was reported near Lawn.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Central

A westward moving outflow boundary, formed from a dying Mesoscale Convective System, collided with a dryline across West Central Texas beneath a highly sheared storm environment. This resulted in the development of a long tracked isolated supercell that produced large hail and damaging winds in addition to the tornadoes.

Runnels County

9 SE Ballinger Bruce Arprt

30	1738CST 1745CST	0.1	25	0	0	0.00K	0.00K	Tornado (EF0)
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A brief tornado was reported along the Runnels and Concho County Line approximately 2 miles east of U.S. Highway 83. This tornado was also recorded on video.

Concho County

4 W Concho

30	1747CST 1751CST	0.1	25	0	0	0.00K	0.00K	Tornado (EF0)
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A rain wrapped tornado was reported approximately 5 miles east northeast of Paint Rock on Farm to Market Road 1929.

A westward moving outflow boundary, formed from a dying Mesoscale Convective System, collided with a dryline across West Central Texas beneath a highly sheared storm environment. This resulted in the development of a long tracked isolated supercell that produced a few weak tornadoes, damaging winds, and large hail.

Concho County

1 WSW Paint Rock

30	1756CST 1800CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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An amateur radio operator estimated 60 MPH winds.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Concho County

2 E Concho

30	1800CST 1804CST			0	0	0.00K	0.00K	Hail (2.75)
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Nickel to baseball size hail was reported near the Rural Road 1929 bridge.

Concho County

1 SE Millersview

30	1817CST 1821CST			0	0	0.00K	0.00K	Hail (2.75)
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Concho County

1 SE Millersview

30	1820CST 1824CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Law enforcement reported several road signs blown over in the Millersview area.

A westward moving outflow boundary, formed from a dying Mesoscale Convective System, collided with a dryline across West Central Texas beneath a highly sheared storm environment. This resulted in the development of a long tracked isolated supercell that produced large hail and damaging winds in addition to the tornadoes. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Concho County

1 ESE Millersview

30	1820CST 1827CST	0.15	25	0	0	0.00K	0.00K	Tornado (EF0)
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A trained storm spotter in the Millersview area observed this tornado 40 to 50 yards east of his location. The tornado remained in open fields and briefly touched down.

A westward moving outflow boundary, formed from a dying Mesoscale Convective System, collided with a dryline across West Central Texas beneath a highly sheared storm environment. This resulted in the development of a long tracked isolated supercell that produced a few weak tornadoes, damaging winds, and large hail.

Concho County

3 ESE Millersview

30	1830CST 1834CST			0	0	0.00K	0.00K	Hail (4.00)
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The public reported broken skylights and snapped 1 to 2 inch pecan limbs.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Central									
Mcculloch County Melvin	30	1905CST 1909CST			0	0	0.00K	0.00K	Hail (1.75)
									A wall cloud and golf ball size hail were reported.
Mcculloch County Melvin	30	1930CST 1934CST			0	0	0.00K	0.00K	Hail (2.75)
									Wind driven baseball size hail produced extensive damage in Melvin. Several residences reported their east facing windows were blown out.
Mcculloch County Marco	30	1930CST 1934CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
									An amateur radio operator reported roof damage to at least one residence near Melvin. The damage occurred just east of Ranch Road 2028, approximately 3 miles south of Melvin. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.
Mcculloch County 1 SE Melvin	30	1932CST 1936CST			0	0	0.00K	0.00K	Hail (2.75)
									The public reported stripped corn crops.
Throckmorton County 14 W Spring Creek	30	1945CST 1949CST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail was reported along Highway 183 near the Throckmorton and Baylor County Line.
Haskell County 1 E Rochester	30	2000CST 2004CST			0	0	0.00K	0.00K	Hail (2.00)
Mcculloch County 3 NNE Calf Creek	30	2000CST 2004CST			0	0	0.00K	0.00K	Hail (2.50)
									Golf ball to tennis ball size hail was reported near the intersection of U.S. highway 190 and Ranch Road 1311.
Haskell County 1 E Haskell	30	2025CST 2029CST			0	0	0.00K	0.00K	Thunderstorm Wind (67MG)
									The Haskell mesonet station measured a 77 MPH wind gust. Note: The measured wind gust of 67 knots is equivalent to 77 mph.
Mason County 3 SSW Koockville	30	2043CST 2047CST			0	0	0.00K	0.00K	Hail (1.50)
Mason County 4 S Grit	30	2100CST 2104CST			0	0	0.00K	0.00K	Hail (2.75)
									A westward moving outflow boundary, formed from a dying Mesoscale Convective System, collided with a dryline across West Central Texas beneath a highly sheared storm environment. This resulted in the development of a long tracked isolated supercell that produced large hail and damaging winds in addition to the tornadoes.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Central Southeast

Colorado County

1 W Weimar

10	1630CST								
	1635CST	0.62	150	0	8	500.00K			Tornado (EF2)

The tornado touched down near a railroad track producing a small area of EF-2 damage when boxcars of a parked train were overturned. The tornado tracked toward the north northeast across a cemetery. Extensive tree damage occurred with numerous large trees snapped and debris deposited in different directions. The tornado then continued onto the grounds of Weimar High School where the press box of the football field was destroyed, stadium light poles were snapped, and a metal storage building was damaged. Eight injuries were reported, most of them occurring when a food service truck was overturned in the school parking lot.

Matagorda County

1 WSW Matagorda

10	2340CST								
	2350CST				0	0	5.00K	5.00K	Thunderstorm Wind (56EG)

Trees were blown over in a residential neighborhood in Matagorda.

A strong upper level disturbance led to widespread severe weather across south Texas and the coastal bend region. An isolated thunderstorm across Colorado county produced a brief, but strong tornado during this event. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Galveston County

3 NE Jamaica Beach

1 E Galveston

11	0130CST								
	0155CST				0	0	25.00K		Thunderstorm Wind (61EG)

Numerous power lines downed on the island from communities on the West End eastward into downtown Galveston.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Brazoria County

Angleton Cameron Arp

11	1255CST						0.00K	0.00K	Thunderstorm Wind (61EG)
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Wind gusts were estimated in excess of 70 mph at the intersection of highways 288 and 35.

A strong squall line with a large bowing line segment moved across the coastal counties and nearshore waters of southeast Texas during the early morning hours of May 11th. This system produced widespread wind damage along its path. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Walker County

Riverside

11	1911CST						3.00K	0.00K	Hail (1.75)
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Golf ball-size hail was reported in the town of Riverside.

Harris County

2 W Hermossey

11	1930CST						0.00K	0.00K	Hail (1.00)
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Quarter-size hail fell on Interstate 10 West between Wilcrest and Kirkwood.

Harris County

1 SSE Howellville

11	1936CST						0.00K	0.00K	Hail (1.00)
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Quarter-size hail fell at the intersection of Highway 6 and Beechnut.

Ahead of a northern Texas upper low, strong isolated thunderstorm cells formed within a unstable air mass. These thunderstorms produced large hail.

Fort Bend County

4 W Tavener

2 WSW Katy

12	0300CST						50.00K	0.00K	Flash Flood
	0700CST				0	0			

Rainfall totals of between five to ten inches produced widespread flooding. Street flooding was severe enough to force numerous road closures from northwestern Fort Bend County eastward into northern Galveston County. Homes and businesses flooded along Keegans Bayou from below Wilcrest Road to above Beltway 8. Thirteen to fifteen businesses flooded on the western bank of Keegans Bayou along West Bellfort Road between US 59 and Wilcrest. This flooding was a direct result of the bayou over-topping its banks by 2 to 3 feet. Based on high water marks left on the Wilcrest bridge at least 1 foot of water was flowing over the top of the bridge deck. 1 house flooded along Keegans Bayou between Beltway 8 and US 59 from local runoff then from the bayou when it rose above bank full.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Central Southeast

Galveston County

League City

12	0300CST 0700CST				0	0	5.00K	0.00K	Flash Flood
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Rainfall totals of between five to ten inches produced widespread flooding. Street flooding was severe enough to force numerous road closures from northwestern Fort Bend County eastward into northern Galveston County. Homes and businesses flooded along Keegans Bayou from below Wilcrest Road to above Beltway 8. Thirteen to fifteen businesses flooded on the western bank of Keegans Bayou along West Bellfort Road between US 59 and Wilcrest. This flooding was a direct result of the bayou over-topping its banks by 2 to 3 feet. Based on high water marks left on the Wilcrest bridge at least 1 foot of water was flowing over the top of the bridge deck. 1 house flooded along Keegans Bayou between Beltway 8 and US 59 from local run-off then from the bayou when it rose above bank full.

Harris County

2 WSW Barker

1 SW La Porte

12	0300CST 0700CST				0	0	40.00K	0.00K	Flash Flood
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Rainfall totals of between five to ten inches produced widespread flooding. Street flooding was severe enough to force numerous road closures from northwestern Fort Bend County eastward into northern Galveston County. Homes and businesses flooded along Keegans Bayou from below Wilcrest Road to above Beltway 8. Thirteen to fifteen businesses flooded on the western bank of Keegans Bayou along West Bellfort Road between US 59 and Wilcrest. This flooding was a direct result of the bayou over-topping its banks by 2 to 3 feet. Based on high water marks left on the Wilcrest bridge at least 1 foot of water was flowing over the top of the bridge deck. 1 house flooded along Keegans Bayou between Beltway 8 and US 59 from local run-off then from the bayou when it rose above bank full.

An upper level trough, coupled with deep moisture and a slow-moving lower level boundary, allowed for the focus of numerous thunderstorms that produced flooding rainfall.

Fort Bend County

2 W Rosenberg

31	1300CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter-size hail was reported on the west side of Rosenberg.

A east-to-west cluster of early afternoon thunderstorms formed along a near coastal stationary boundary. These storms produced large hail.

TEXAS, Extreme West

TXZ418>424

Eastern/central El Paso County - Northern Hudspeth Highlands/hueco Mountains - Rio Grande Valley Of Eastern El Paso/western Hudspeth Counties - Rio Grande Valley Of Eastern Hudspeth County - Salt Basin - Southern Hudspeth Highlands - Western El Paso County

01	0000MST								
31	1300MST				0	0	0.00K	0.00K	Drought

There were some improvements in the drought situation across Eastern Hudspeth County during the month of May.

Hudspeth County

30 W Cornudas

11	1905MST 1910MST				0	0	0.00K	0.00K	Hail (2.00)
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Hail was reported two miles west of Loma Linda.

Hudspeth County

25 W Cornudas

11	1920MST 1925MST				0	0	0.00K	0.00K	Hail (2.00)
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Hail was carpeting the ground about 4 miles east-southeast of Loma Linda.

A cold upper low had just moved through the region with a nearly stationary front situated along the Rio Grande Valley providing the lift for a few severe thunderstorms to develop over the region and produce two inch diameter hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Mid-South

**TXZ229>232-239>
244**

Bee - Duval - Jim Wells - Kleberg - La Salle - Live Oak - McMullen - Nueces - San Patricio - Webb

01 15	0000CST				0	0	0.00K	0.00K	Drought
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Above normal rainfall occurred over most of the Brush Country and portions of the coastal plains of South Texas during the month of May. This continued the trend of diminishing the severity of the drought over this region. However, the southern portion of the Brush Country to along the Rio Grande received below normal rainfall for the month. The drought severity held in these areas for the month.

With this amount of rainfall, the drought was reduced to moderate category over the northern Brush Country and central Coastal Bend by the end of the month. The drought status remained in the severe status over southern portions of the Brush Country and Coastal Bend with extreme drought holding over parts of Webb County.

Different stages of water restrictions continued for Beeville, Point Comfort, Alice, and King Ranch Santa Gertrudis District. Voluntary water restrictions were in effect for Laredo, Nueces County, East Riviera, and Mirando City.

Rainfall helped soil moisture over northern portions of the Brush Country. But soil moisture remained short over southern parts of the Brush Country and Coastal Bend.

Nueces County

3 NNE Gardendale

08	0715CST 0716CST	0.03	25	0	0	0.00K	0.00K	Tornado (EF0)
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Video taken by the public showed a weak waterspout over Corpus Christi Bay moving inland near Ocean Drive and Robert Drive as a weak EF-0 tornado. The tornado quickly dissipated. No damage was observed.

Jim Wells County

2 SW Orange Grove

08	1256CST 1257CST			0	0	250.00K		Thunderstorm Wind (70EG)
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A NWS survey concluded that a downburst of straight-line winds occurred over the southern portion of the city of Orange Grove near the intersection of Highway 359 and County Road 374. The winds were estimated to be up to 80 mph. The damage path was 1 mile long and a half of a mile wide. Several large power poles were snapped in half. The roof was peeled off of two mobile homes. The roof was damaged on a two story home with a large porch overhang. There were numerous large trees and branches down across the area also.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Nueces County

7 WNW La Rose

08	1319CST			0	0	5.00K		Thunderstorm Wind (52EG)
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A television antenna 20 feet tall and well secured was blown down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Nueces County

7 NW La Rose

08	1321CST			0	0			Hail (0.75)
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Public reported penny sized hail covered the ground along Farm to Market Road 3088 northwest of Bluntzer.

Nueces County

3 WNW La Rose

08	1322CST			0	0	5.00K		Thunderstorm Wind (52EG)
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Trees were blown down at the Westlake Subdivision.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Nueces County

4 NW La Rose

08	1347CST 1412CST			0	0			Heavy Rain
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Observer received 2.25 inches of rain in a span of 25 minutes near Bluntzer.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Mid-South

Nueces County 1 NW Lon Hill

08	1352CST				0	0	10.00K		Hail (1.00)
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Quarter sized hail occurred near Wood River Drive in Calallen.

Scattered thunderstorms developed over the southern portions of the Coastal Bend ahead of a stalled frontal boundary over the Brush Country to the Victoria Crossroads. Severe thunderstorms developed north of Alice and moved toward Nueces Bay in the afternoon.

Webb County 2 NNW (LRD)Laredo Intl Arp

10	0420CST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail occurred north of Mines Road.

Webb County 8 E Callaghan

10	0440CST				0	0	10.00K	0.00K	Hail (1.75)
	0450CST								

Hail initially started as penny sized and grew to golf ball size.

Webb County 9 E Callaghan

10	0505CST				0	0	0.00K	0.00K	Hail (0.75)
	0515CST								

Penny sized hail fell for 10 minutes at Callaghan Ranch.

La Salle County 5 W Woodward

10	0846CST				0	2	50.00K	0.00K	Tornado (EF0)
	0915CST	10.27	75						

Tornado touched down along Farm to Market Road 468 near the Dimmit County line. The tornado flipped an 18 wheeler then proceeded northeast about 5 miles. The tornado then crossed Farm to Market Road 469 and struck an oil hydraulic fracturing flow back site. The tornado flipped one RV trailer at the site. Two people inside the RV trailer sustained serious injuries. Both were released from the hospital the next day. The winds were estimated to be around 80 mph with this damage. The tornado proceeded northeast across open ranch land another 5 miles before dissipating.

La Salle County 4 WSW Woodward

10	0945CST				0	0	0.00K	0.00K	Flash Flood
	1100CST								

Heavy rain caused flooding in the Woodward area. Water was 2 feet deep over Farm to Market Road 468.

Kleberg County 2 SSE Kingsville

10	1140CST				0	0	5.00K	0.00K	Hail (1.00)
	1145CST								

Quarter sized hail occurred at Kingsville High School.

Kleberg County 4 W Ricardo

10	1140CST				0	0	0.00K	0.00K	Tornado (EF0)
	1141CST	0.07	50						

Kingsville Emergency Manager reported a brief tornado touched down in an open field about 4 miles west of Ricardo.

Kleberg County Kingsville

10	1142CST				0	0	5.00K	0.00K	Hail (1.00)
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Spotter reported quarter sized hail occurred at intersection of 6th Street and King Avenue.

Kleberg County 1 ENE Kingsville

10	1145CST				0	0	0.00K	0.00K	Flash Flood
	1200CST								

Heavy rainfall caused some intersections in Kingsville to become impassable. Water came over the road over portions of King Avenue.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Mid-South									
Kleberg County 1 WNW Kingsville	10	1145CST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter sized hail occurred on the west side of Kingsville.								
Kleberg County 4 S (NQI)Nas Kingsville	10	1152CST			0	0			Funnel Cloud
	Funnel cloud was reported southeast of Kingsville.								
McMullen County 6 S Tilden	10	1152CST			0	0			Funnel Cloud
	Deputies reported a funnel cloud was south of Tilden.								
Live Oak County 7 SW Whitsett	10	1230CST							
3 WNW Suniland		1245CST			0	0			Funnel Cloud
	Public reported a funnel cloud northwest of Three Rivers that lasted for 15 minutes.								
Kleberg County 8 E (NQI)Nas Kingsville	10	1235CST			0	0			Funnel Cloud
	Funnel cloud was reported east of Kingsville Naval Air Station.								
Live Oak County 3 W Suniland	10	1246CST							
		1247CST	0.01	10	0	0	0.00K	0.00K	Tornado (EF0)
	Spotters reported a tornado briefly touched down to the south-southeast of Whitsett.								
Nueces County 4 W Chapman Ranch	10	1252CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
	Spotter estimated 60 mph winds occurred along Farm to Market Road 70 west of Chapman Ranch.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								
Nueces County 3 S Gardendale	10	1300CST							
		1400CST			0	0	0.00K	0.00K	Heavy Rain
	Spotter reported 3.53 inches of rain fell in an hour along with some hail.								
Live Oak County 1 WSW Whitsett	10	1304CST							
		1306CST	0.8	50	0	0	50.00K	0.00K	Tornado (EF0)
	Storm chasers observed a brief tornado just south of Whitsett. The tornado damaged large trees and a mobile home and uprooted a hay shed. This damage was observed just east of Highway 281 about a half of a mile southeast of Whitsett.								
Nueces County 1 SSW Chapman Ranch	10	1306CST			0	0			Funnel Cloud
	Funnel cloud was reported with a storm showing rotation near Chapman Ranch.								
Nueces County 1 ENE Chapman Ranch	10	1306CST			0	0			Hail (1.00)
	Quarter sized hail occurred near Chapman Ranch.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Property Damage	Crops	Character of Storm
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TEXAS, Mid-South

Live Oak County

4 NE Suniland

10	1308CST 1309CST	0.45	50	0	0	0.00K	0.00K	Tornado (EF0)
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Storm Chasers observed a brief rope tornado on the ground for about 1 minute in an open field. No damage was observed.

McMullen County

1 N Tilden

10	1309CST 1310CST			0	0	0.00K	0.00K	Hail (1.75)
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McMullen County Sheriffs Office reported golf ball sized hail near Highway 16 just north of Tilden.

Nueces County

3 NNE Chapman Ranch

10	1316CST			0	0			Hail (1.75)
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Golf ball sized hail occurred just north of Chapman Ranch.

Live Oak County

5 SSW Nell

10	1320CST 1321CST	0.03	20	0	0	0.00K	0.00K	Tornado (EF0)
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Spotters reported a tornado briefly touched down south of Nell.

Nueces County

3 S Gardendale

10	1329CST			0	0	25.00K	0.00K	Hail (1.25)
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Half dollar sized hail occurred on the extreme south side of Corpus Christi.

Nueces County

2 SW Flour Bluff Jct

10	1348CST			0	0	25.00K	0.00K	Hail (1.00)
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Quarter sized hail fell in the Flour Bluff area of Corpus Christi.

Nueces County

1 WSW (NGP)Nas Corpus Chri

10	1353CST			0	0	0.00K	0.00K	Thunderstorm Wind (52MG)
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Corpus Christi Naval Air Station ASOS recorded a 52 knot gust.

Note: The measured wind gust of 52 knots is equivalent to 60 mph.

Nueces County

2 SSE Gardendale 2 WSW Peary Place

10	1353CST			0	0	25.00K	0.00K	Thunderstorm Wind (52EG)
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Power outages occurred near Saratoga and Rodd Field Roads in Corpus Christi.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Nueces County

1 WSW (NGP)Nas Corpus Chri

10	1357CST			0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail fell at the Corpus Christi Naval Air Station.

Nueces County

6 ESE (NGP)Nas Corpus Chri

10	1412CST			0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail occurred at Mustang Island State Park.

Nueces County

6 ESE (NGP)Nas Corpus Chri

10	1424CST			0	0	0.00K	0.00K	Hail (1.25)
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Half dollar sized hail occurred at Mustang Island State Park.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Mid-South

Bee County

3 SW Pawnee Oaks

10	1456CST 1457CST	0.33	50	0	0	0.00K	0.00K	Tornado (EF0)
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Storm chaser group observed a brief tornado about 3 miles southwest of Pawnee. The tornado touched down in an open field. No damage was observed.

Bee County

2 W Pawnee

10	1458CST 1459CST	0.35	50	0	0	0.00K	0.00K	Tornado (EF0)
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Storm Chaser group observed a cyclic tornadic supercell produce a brief second tornado about 1.5 miles west of Pawnee, immediately to the north of the previous tornado and from a second wall cloud. The tornado touched down in an open field. No damage was observed.

Bee County

2 NW Pawnee

10	1502CST 1504CST	0.95	75	0	0	0.00K	0.00K	Tornado (EF0)
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Storm chaser group observed a third and slightly larger tornado touch down northwest of Pawnee. The tornado touched down in an open field. No damage was observed.

Live Oak County

7 SW Three Rivers
2 E Simmons

10	1510CST 1511CST	0.06	50	0	0	0.00K	0.00K	Tornado (EF0)
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Storm chasers observed a brief tornado southwest of Three Rivers just south of Farm to Market Road 1042. The tornado touched down in an open field. No damage was observed.

Live Oak County

7 NNE Clegg

10	1550CST			0	0	25.00K	0.00K	Hail (2.75)
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Spotter reported large hail that ranged from golf ball to baseball size.

Live Oak County

2 SSW George West

10	1558CST			0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail occurred near George West.

Live Oak County

George West

10	1605CST			0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was reported at a grocery store in George West.

Bee County

1 S Beeville Muni Arpt

10	1648CST			0	0	25.00K	0.00K	Hail (1.75)
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Spotter reported mostly nickel sized hail with some golf ball sized hail to the southwest of Beeville.

Bee County

1 N Beeville

10	1710CST			0	0	100.00K	0.00K	Hail (1.75)
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Golf ball sized hail occurred at the Central Fire Station in Beeville.

Bee County

2 NE Beeville

10	1715CST 1800CST			0	0	0.00K	0.00K	Flash Flood
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Heavy rain caused street flooding with roads closed at low spots in the city of Beeville due to high water.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Mid-South

Bee County

2 NE Beeville

10	1745CST 1820CST				0	0	50.00K	0.00K	Flash Flood
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Heavy rainfall of 2 to 3 inches in an hour caused flooding of low lying areas. High water rescue was conducted by Beeville Fire Department along Poesta Creek.

Live Oak County

2 ESE Clegg

10	1753CST 1755CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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Spotter estimated 65 mph winds to the southeast of Clegg.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Live Oak County

**2 ESE Clegg
3 WNW Anna Rose**

10	1758CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was reported southeast of Clegg.

Webb County

5 N Callaghan

10	1811CST 1831CST				0	0	250.00K	0.00K	Hail (4.25)
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Large hail up to the size of softballs occurred for 20 minutes near Callaghan Ranch at mile marker 28 on Interstate 35. Several car windows were broken out.

Live Oak County

5 SW Clegg

10	1814CST 1826CST	4.89	100		0	0		0.00K	Tornado (EF0)
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Storm chasers and spotters observed a tornado south of Clegg. The tornado touched down over open ranch country. No damage was observed.

Live Oak County

3 SW Clegg

10	1825CST				0	0	10.00K	0.00K	Thunderstorm Wind (52EG)
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Damage occurred to sheds and feeders on a ranch near the intersection of Highway 59 and Farm to Market Road 624.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Webb County

2 NW Webb

10	1826CST				0	0	0.00K	0.00K	Funnel Cloud
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Spotter reported a funnel cloud to the west of Interstate 35 at mile marker 18.

Webb County

8 E Callaghan

10	1827CST				0	0	5.00K	0.00K	Thunderstorm Wind (61EG)
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Several hay rings weighing around 80 pounds were moved by winds on Callaghan Ranch.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Live Oak County

1 SSE Clegg

10	1900CST				0	0			Hail (1.25)
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Half dollar sized hail occurred in Clegg.

Webb County

15 NNW Oilton

10	1921CST				0	0			Thunderstorm Wind (52EG)
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Spotter estimated wind gusts to 60 mph.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Duval County

6 WSW Freer

10	1936CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail occurred near Highway 59 southwest of Freer.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Mid-South

Live Oak County 5 WSW Lagarteo

10	1945CST 1946CST		0.37	50	0	0	0.00K	0.00K	Tornado (EF0)
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Several residents reported a tornado briefly touching down southwest of Lagarto. No damage was reported.

Goliad County 1 NW Cologne

10	1950CST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail occurred near Coleto Creek Reservoir.

Duval County 1 N Freer Muni Arprt

10	1955CST 2025CST				0	0	0.00K	0.00K	Flash Flood
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Significant street flooding occurred in the lower lying areas and intersections in Freer.

San Patricio County 2 NNE Lake Corpus Christi

10	2008CST				0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail occurred on the north side of Lake Corpus Christi.

San Patricio County 1 SE Mathis

10	2011CST				0	0	5.00K	0.00K	Hail (1.00)
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Quarter sized hail was reported in Mathis.

Nueces County 5 NW Robstown 1 ENE North Beach

10	2055CST 2132CST				0	0	1.00M	100.00K	Thunderstorm Wind (70EG)
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NWS storm survey concluded that straight line winds of approximately 80 mph swept across northeastern Nueces County affecting the communities of Calallen and Annville. A large metal building was partially destroyed along Highway 44 about 5 miles west of Robstown. A poorly constructed car wash in Calallen was destroyed. There was also damage at Oil Belt Park where several light poles were snapped, a fence was blown down, and a small wooden structure was blown apart. Bleachers were blown up against a fence. Extensive tree damage occurred in the Calallen and Annville areas. An 18 wheeler was flipped on Interstate 37 near the Clarkwood interchange. A poorly constructed building on North Beach was damaged. Brush pickup and disposal cost the city of Corpus Christi half of a million dollars.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Nueces County 2 NNE Robstown

10	2109CST				0	0	0.00K		Thunderstorm Wind (52EG)
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Winds estimated around 60 mph occurred in Robstown.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Nueces County 2 SE (CRP)Corpus Christi 3 SW Corpus Christi

10	2120CST 2124CST		1.73	75	0	0	100.00K		Tornado (EF0)
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Tornado touched down in an open farm field 2 miles southeast of Corpus Christi International Airport. The tornado traveled southeast snapping utility poles in front of Clear Channel radio station. It then crossed Old Brownsville Road and destroyed a small RV trailer and damaged a metal building in an adjacent lot.

Nueces County 1 NNW (CRP)Corpus Christi

10	2127CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail fell at the Corpus Christi National Weather Service Office.

San Patricio County 1 S Angelita

10	2130CST				0	0	0.00K	0.00K	Thunderstorm Wind (51MG)
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TCOON observation site at Nueces Delta measured a 59 mph wind gust.

Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Mid-South

San Patricio County

2 N Sodville	10	2130CST							
4 NNE Taft		2139CST	7.45	150	0	0	500.00K		Tornado (EF1)

NWS storm survey indicated a tornado touched down 5 miles west northwest of Taft along Highway 181. The tornado struck and collapsed a grain elevator. The tornado crossed Highway 181 knocking over a utility pole and caused tree damage. The tornado snapped 3 utility poles as it crossed County Road 73 about 1 mile north of Taft. The tornado continued for another couple of miles passing through a subdivision near the intersection of County Road 98 and County Roads 77A and 77B, about 3 miles north northeast of Taft. An 18 wheeler was flipped. Large trees were snapped and nearly 20 homes were damaged in that subdivision. The tornado dissipated in a field northeast of the subdivision. Maximum winds were estimated to be around 90 mph.

Nueces County

1 NW (CRP)Corpus Christi	10	2132CST			0	0	0.00K	0.00K	Thunderstorm Wind (52MG)
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Corpus Christi International Airport ASOS measured a gust to 60 mph.

Note: The measured wind gust of 52 knots is equivalent to 60 mph.

San Patricio County

2 S Portland Hunt Arpt	10	2132CST							
2 ESE Ingleside		2146CST			0	0	100.00K	0.00K	Thunderstorm Wind (70EG)

The strong and damaging winds in Nueces County proceeded across Nueces Bay into San Patricio County. The winds caused utility pole and sign damage as they crossed the Highway 181 Causeway just south of Portland and into the Ingleside community. Numerous trees and branches were blown down in Portland.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Nueces County

Gardendale	10	2135CST							
1 N Texas A And I		2145CST			0	0	50.00K		Thunderstorm Wind (65EG)

Public and spotter reports of wind gusts between 65 and 75 mph occurred over parts of the city of Corpus Christi east of Staples Street and north of Saratoga Boulevard. The high winds extended northeast toward Texas A & M University at Corpus Christi. Power outages occurred in this section of the city along with minor tree damage.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Refugio County

2 SSE Bonnie View	10	2152CST							
2 N Bayside		2159CST	3.7	150	0	0	30.00K		Tornado (EF0)

NWS storm survey concluded a tornado touched down in an open field just east of Levien Road. The tornado traveled east crossing Gin Road where it snapped 5 utility poles and blew the roof off of a shed. The tornado dissipated before crossing Farm to Market Road 136 north of Bayside.

Aransas County

3 W Fulton	10	2200CST							
		2205CST			0	0	100.00K	0.00K	Thunderstorm Wind (70EG)

NWS Storm survey determined straight-line winds struck a narrow corridor in Fulton between Farm to Market Road 3036 and West Mesquite Street. The winds caused widespread tree damage. A mobile home lost its roof and a metal storage building partially collapsed along Farm to Market Road 1781. An RV was rolled on Circle Drive. Large tree damage was also observed all the way to Fulton Beach Rd. Wind speeds were estimated to be from 70 to 80 mph.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Aransas County

1 WSW Holiday Beach	10	2207CST							
		2217CST			0	0	250.00K	0.00K	Thunderstorm Wind (70EG)

NWS storm survey determined straight-line winds of approximately 70 to 80 mph struck Belaire Drive in Holiday Beach. The roof was blown off of one home which impacted 2 other homes and caused extensive damage.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Mid-South

Aransas County

2 N Holiday Beach

10	2217CST 2219CST	1.13	50	0	0	2.00K	0.00K	Tornado (EF0)
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NWS storm survey concluded a weak tornado touched down in rural Aransas County northeast of Holiday Beach. The tornado crossed Highway 35 snapping one telephone pole.

Calhoun County

5 E Seadrift

3 N Fulghums Landing

10	2245CST 2253CST			0	0	150.00K	0.00K	Thunderstorm Wind (78EG)
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NWS storm survey determined straight-line winds up to 90 mph struck a mobile home park on Lane Road east of Seadrift. One mobile home was flipped and destroyed. Three recreational vehicles were lifted and flipped on their sides. Four other RVs were blown off their blocks. There was damage to a bait shop also.

Note: The estimated wind gust of 78 knots is equivalent to 90 mph.

Victoria County

13 S Inez

5 N Garr

10	2246CST 2249CST			0	0	25.00K	100.00K	Thunderstorm Wind (52EG)
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NWS storm survey determined straight-line winds around 60 mph struck a small community in rural eastern Victoria County 10 to 15 miles south of Inez. One barn was destroyed and part of the roof was removed from an adjacent barn. Local corn crops were damaged also.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Calhoun County

2 W Indianola

10	2302CST			0	0	0.00K	0.00K	Funnel Cloud
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Funnel cloud reported to the west of Indianola.

Webb County

1 W Laredo Afb

10	2305CST			0	0	0.00K	0.00K	Hail (0.75)
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Penny sized hail occurred in Laredo.

A strongly unstable air mass developed over South Texas in advance of a stalled frontal boundary over south-central Texas on May 10th. As a strong upper level low pressure system over northern Mexico approached the region providing strong shear in the atmosphere, an outbreak of supercell thunderstorms occurred across South Texas producing an unprecedented 16 tornadoes. The number of tornadoes is a record for a single day for a non-tropical event in South Texas. All of the tornadoes were weak with the strongest tornado collapsing a grain elevator west of Taft and damaging several homes in a subdivision north of Taft in the evening.

Severe storms started early in the morning in the western Brush Country. Several long track supercell storms moved across the Brush Country and portions of the Coastal Bend during the day. Most of the tornadoes occurred with these storms in the afternoon and early evening. The storms evolved into a large squall line that moved across the Coastal Plains during the evening hours. The squall line produced winds of 70 to 90 mph causing extensive tree damage and localized property damage. The episode of severe weather ended over the Gulf of Mexico after midnight. Damage estimates from the severe weather episode were in the millions of dollars for South Texas.

Several storms moved across the same area for hours during the event. Very heavy rainfall produced flash flooding near Cotulla and in the cities of Kingsville, Beeville, and Freer.

Aransas County

6 SW Rockport

15	1322CST			0	0			Funnel Cloud
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Spotter reported a funnel cloud near Highway 35.

Aransas County

5 SW Rockport

15	1322CST			0	0	5.00K		Hail (1.00)
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Spotter reported quarter sized hail southwest of Rockport.

San Patricio County

1 W Odem

15	1325CST			0	0			Funnel Cloud
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Spotter reported a funnel cloud near Odem.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Mid-South									
Aransas County 3 SW Rockport	15	1330CST			0	0	10.00K		Hail (1.75)
Golf ball sized hail was reported on the southwest side of Rockport.									
San Patricio County 2 ESE Aransas Pass	15	1341CST			0	0	0.00K	0.00K	Hail (0.75)
Public reported dime sized hail along Highway 361 on the causeway 2 to 3 miles to the east-southeast of Aransas Pass.									
Scattered thunderstorms developed over the Coastal Bend ahead of an upper level disturbance that moved out of northern Mexico. Isolated severe thunderstorms produced large hail over the Coastal Bend.									
TEXAS, North									
Young County 3 NE Proffitt	04	1542CST			0	0	0.00K	0.00K	Hail (0.88)
Nickel sized hail was reported 6 miles west of Newcastle on FM 926.									
Young County 2 SE Olney	04	1550CST			0	0	0.00K	0.00K	Hail (1.00)
Nickel to quarter sized hail was reported in South Olney.									
Palo Pinto County Graford	04	1715CST			0	0	0.00K	0.00K	Hail (1.00)
Quarter sized hail was reported in Graford.									
Palo Pinto County 4 NW Mineral Wells	04	1727CST			0	0	0.00K	0.00K	Hail (1.00)
Quarter sized hail and 50 mph winds were reported 4 miles northwest of Mineral Wells.									
Stephens County 2 NNW Gunsight	04	1734CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
The sheriff's office reported a vehicle was almost blown off the road by strong thunderstorms winds.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Eastland County 4 E Cisco	04	1800CST			0	0	0.00K	0.00K	Hail (1.25)
Half dollar sized hail was reported on Interstate 20 between Cisco and Eastland.									
Hood County Lipan	04	1806CST			0	0	0.00K	0.00K	Hail (0.75)
Dime sized hail was reported in Lipan.									
Hood County Lipan	04	1806CST			0	0	4.00K	0.00K	Thunderstorm Wind (52EG)
Sixty mph winds were estimated in Lipan. Power poles were knocked down.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Hood County 2 E Lipan	04	1815CST			0	0	7.00K	0.00K	Hail (1.75)
Golf ball sized hail was reported 2 miles east of Lipan.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, North

Parker County 4 W Weatherford

04	1815CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail and 50 mph winds were reported 4 miles west of Weatherford.

Eastland County Carbon

04	1820CST				0	0	15.00K	0.00K	Hail (1.75)
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Golf ball sized hail was reported in Carbon.

Hood County 2 W Granbury Muni Arpt

04	1825CST 1835CST				0	0	15.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds of 60 mph were estimated in the Sunset Acres neighborhood. A metal shed was blown into a neighbor's yard. The emergency manager reported wind damage to outbuildings stretched southeast to near the intersection of Meadow Wood and Rickabaugh Road.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Hood County 1 SE Waples

04	1830CST				0	0	12.00K	0.00K	Thunderstorm Wind (52EG)
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Several fences and trees were blown down in the Gemstone Estates, northeast of Granbury. A 25-foot bradford pear tree was sheared in half. Other homes in the area suffered minor roof and shed damage.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Parker County 1 NNW Annetta

04	1840CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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A 12-inch diameter tree was snapped in half north of Annetta.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Palo Pinto County Mineral Wells

04	1845CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was reported in Mineral Wells.

Palo Pinto County (MWL)Mineral Wells A

04	1847CST				0	0	5.00K	0.00K	Hail (1.50)
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Ping pong ball sized hail was reported at the Mineral Wells Airport.

Parker County 3 NW Millsap

04	1848CST				0	0	10.00K	0.00K	Hail (1.75)
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Golf ball sized hail was reported on the Palo Pinto/Parker County line.

Hood County Cresson

04	1856CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was reported in Cresson.

Tarrant County 2 SW Ft Worth Luck Arpt

04	1922CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Large tree limbs were knocked down by thunderstorm winds in Crowley.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Montague County Montague

04	1925CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was reported in Montague.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Johnson County Cleburne	04	1928CST			0	0	3.00K	0.00K	Thunderstorm Wind (50MG)
A 58 mph wind gust was measured in Cleburne. Pea sized hail was also reported.									
Note: The measured wind gust of 50 knots is equivalent to 58 mph.									
Johnson County Cleburne	04	1935CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Sixty mph winds were estimated in Cleburne.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Cooke County Siuevells Bend	04	1942CST			0	0	7.00K	0.00K	Thunderstorm Wind (61EG)
Several trees were knocked down in Sivells Bend. Also, the tin roof of a building was damaged.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Cooke County Lindsay	04	1947CST			0	0	4.00K	0.00K	Thunderstorm Wind (55MG)
A 63 mph wind gust was measured in Lindsay.									
Note: The measured wind gust of 55 knots is equivalent to 63 mph.									
Johnson County Alvarado	04	1947CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Sixty mph winds were estimated in Alvarado.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Cooke County Gainesville	04	1958CST			0	0	6.00K	0.00K	Thunderstorm Wind (52EG)
The fire department reported a 60 mph wind gust in Gainesville.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Cooke County 1 ENE Hope	04	2000CST			0	0	0.00K	0.00K	Hail (0.88)
Nickel sized hail was reported 5 miles east of Gainesville.									
Ellis County 2 SW Midlothian	04	2007CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Sixty mph winds were estimated 2 miles southwest of Midlothian. Power lines were blown down.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Cooke County 3 NNE Burns	04	2010CST			0	0	5.00K	0.00K	Thunderstorm Wind (56EG)
Large tree branches up to 6 in diameter were knocked down around Lake Kiowa. At least one large branch dented a car.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Cooke County Valley View	04	2010CST			0	0	4.00K	0.00K	Thunderstorm Wind (52EG)
Tree limbs that were 4 inches in diameter were blown down in Valley View.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Grayson County 2 S Whitesboro	04	2015CST			0	0	7.00K	0.00K	Thunderstorm Wind (61EG)
Seventy mph winds were reported just south of Whitesboro. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Collin County Celina	04	2025CST			0	0	20.00K	0.00K	Thunderstorm Wind (52EG)
The roof of a home in the Carter Ranch neighborhood in Celina collapsed due to strong thunderstorm winds. The home may have been under construction at the time. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Denton County Navo	04	2025CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
A 1 foot diameter tree was uprooted along Highway 380 north of Little Elm. The damage was caused by strong outflow winds around 60 mph from a thunderstorm tracking across the northern portions of Denton County. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Denton County 2 E Navo	04	2027CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Strong outflow winds around 60 mph were reported near FM 1385 across from Savannah. The strong outflow winds were from a thunderstorm tracking across the northern portions of Denton County. Fences were blown down and trampolines were blown into neighboring yards. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Denton County 3 S Parvin	04	2030CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Strong outflow winds around 60 mph were reported 2 miles west of Prosper. The strong winds were from a thunderstorm tracking across the northern portions of Denton County. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Collin County Prosper	04	2035CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Strong outflow winds around 60 mph were reported in Prosper. The strong outflow was from a thunderstorm to the northwest of the city. Fences and fence posts were blown down. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Lamar County 2 ENE Paris Flyng Tgr Arpt	04	2215CST			0	0	0.00K	0.00K	Hail (0.88)
Nickel sized hail was reported 1 mile west of Paris. A shortwave located northwest of the area and a dryline approaching from the Texas Panhandle provided enough lift for thunderstorms to form over Northwest Texas during the afternoon hours. These thunderstorms tracked into the western counties of North Texas, and then a few of the storms clustered together and moved to the southeast. Severe weather was reported mainly along and south of I-20 and west of I-35. These storms produced hail up to the size of golf balls and mainly 60 mph winds. In addition, one severe thunderstorm producing winds up to 70 mph tracked along the Red River. This thunderstorm also produced 60 mph outflow winds that did some minor damage.									
Mills County 5 NW Mullin	05	1914CST			0	0	0.00K	0.00K	Hail (1.00)
Quarter sized hail fell between Mullin and Zephyr. A complex of thunderstorms developed between San Angelo and Goldthwaite. This complex of storms eventually moved to the southeast towards the Austin and San Antonio areas. One storm on the northern end of the complex produced quarter sized hail in Mills County.									
Lampasas County 4 S Lameta	06	1613CST			0	0	0.00K	0.00K	Hail (1.00)
Hail stones ranging up to the size of quarters was reported 4 miles south of Lometa. The hail was mostly the size of peas to nickels.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Young County Newcastle	06	1850CST			0	0	0.00K	0.00K	Hail (1.25)
Half dollar sized hail was reported in Newcastle.									
Young County Newcastle	06	1855CST			0	0	5.00K	0.00K	Hail (1.50)
Ping pong ball sized hail was reported in Newcastle via HAM radio.									
Young County Newcastle	06	1856CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Storm spotters estimated thunderstorm winds of 60 mph in Newcastle.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Young County 4 SSW Jean	06	1900CST			0	0	0.00K	0.00K	Hail (1.00)
Quarter sized hail was reported 3 miles west of Red Top.									
Jack County 8 W Jacksboro	06	1918CST			0	0	0.00K	0.00K	Hail (1.25)
Half dollar sized hail was reported 8 miles west of Jackboro.									
Jack County 2 WNW Jacksboro	06	1927CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
A large tree was blown down on Highway 114 approximately 2 miles west of Jacksboro.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Palo Pinto County 1 NNE Salesville	06	1950CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Trained spotters estimated 60 mph winds along Highway 281 in the northeast part of the county. Power flashes were also observed in the area. These winds appear to have occurred as the outflow from the storm began to surge out ahead of the storm.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Parker County Whitt	06	1950CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Trained spotters reported a 60 mph wind gust in Whitt. This wind gust appears to have occurred as the outflow from the storm began to surge out ahead of the storm.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Palo Pinto County 4 N Salesville	06	1955CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
Small trees were snapped about 4 feet up the trunk approximately 3 miles west-northwest of Whitt. Several 4-6 diameter tree branches were also knocked down.									
Storms developed over Northwest Texas when a dryline, shortwave, and peak heating combined. These storms merged into several small clusters as they moved east and southeast into North Texas. Hail up to the size of ping pong balls and strong winds to 60 mph were reported with these storms. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Navarro County Cryer Creek	07	1740CST			0	0	0.00K	0.00K	Hail (1.00)
Ellis County 2 NW Alma	07	1806CST			0	0	3.00K	0.00K	Hail (1.75)
Golf ball sized hail fell at the intersection of Highway 287 and Interstate 45.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Henderson County Malakoff	07	1858CST			0	0	0.00K	0.00K	Hail (0.75)
	A broken line of severe thunderstorms developed ahead of a large complex of non-severe thunderstorms. Hail up to the size of golf balls occurred with these severe thunderstorms in Ellis, Navarro, and Henderson County.								
Tarrant County Saginaw	11	1748CST			0	0	0.00K	0.00K	Hail (1.50)
	Quarter to ping pong ball sized hail was reported in Saginaw.								
Tarrant County Saginaw	11	1755CST			0	0	15.00K	0.00K	Hail (1.75)
	The hail in Saginaw increased to the size of golf balls.								
Tarrant County Keller	11	1755CST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
	A 60 mph wind gust was reported in Keller. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								
Tarrant County Keller Alta Vista Ar	11	1801CST			0	0	2.00K	0.00K	Thunderstorm Wind (56EG)
	A 65 mph wind gust was reported in 3 miles southwest of Keller. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.								
Hunt County 2 NW Commerce	11	1804CST 1900CST			0	0	0.00K	0.00K	Flash Flood
	Several street in Commerce were closed due to several hours of moderate to heavy rainfall but conditions were improving at the time the report was received. As an upper level low moved across the region, bands of moderate to heavy rainfall moved east across the region. During the afternoon hours on May 11th, a few strong and severe thunderstorms developed near the core of the upper level low; producing ping pong and golf ball sized hail and winds to 65 mph in Tarrant County.								
Collin County Allen	14	1753CST			0	0	0.00K	0.00K	Hail (0.88)
	One summer-type afternoon thunderstorm produced hail up to the size of nickels in Allen in Collin County.								
TXZ174	Milam								
	19	1026CST			0	0	0.00K	6.0K	Wildfire
	A small grass fire near Gause in Milam County burned about 60 round bales of hay.								
TXZ103-104	Collin - Denton								
	23	1010CST 1815CST			1	0	40.0K	15.0K	Wildfire
	An 80-year old man was killed when his controlled burn got out of control due to gusty winds. Also, a large grassfire burned approximately 750 acres in Denton County; including 2 barns. M80OU								
Young County Olney	28	1840CST			0	0	8.00K	0.00K	Thunderstorm Wind (61EG)
	A 2-foot pecan tree was blown down in Olney. Outbuildings and fences were also damaged. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Montague County Bowie	28	1922CST			0	0	17.00K	0.00K	Thunderstorm Wind (61EG)
<p>Large trees and tree limbs were blown down in Bowie. Some of the tree limbs were nearly a foot in diameter. One large tree limb fell on a garage. Minor building damage was also reported and downed power lines resulted in power outages. The winds were estimated to be between 65 and 75 mph.</p> <p>Note: The estimated wind gust of 61 knots is equivalent to 70 mph.</p>									
Montague County 2 S Montague	28	1935CST			0	0	12.00K	0.00K	Thunderstorm Wind (61EG)
<p>A building on Alamo Road south of Montague sustained roof damage. The metal roof of the building was partially peeled back.</p> <p>Note: The estimated wind gust of 61 knots is equivalent to 70 mph.</p>									
Stephens County Breckenridge Crystal Falls	28	1940CST			0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
<p>Several roofs of homes were damaged between Breckenridge and Crystal Falls. Trees were also blown down.</p> <p>Note: The estimated wind gust of 61 knots is equivalent to 70 mph.</p>									
Wise County 1 SW Alvord	28	1955CST			0	0	10.00K	0.00K	Thunderstorm Wind (52EG)
<p>Part of the roof of the library in Alvord was blown off by thunderstorm winds. The building was an old historic brick building.</p> <p>Note: The estimated wind gust of 52 knots is equivalent to 60 mph.</p>									
Parker County Weatherford	28	2100CST			0	0	3.00K	0.00K	Thunderstorm Wind (50EG)
<p>Some 4 tree limbs were knocked down in Weatherford.</p> <p>Note: The estimated wind gust of 50 knots is equivalent to 58 mph.</p>									
Hood County Granbury	28	2112CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
<p>Tree limbs that were 6 in diameter were knocked down in Granbury by thunderstorm winds. The winds were estimated to be at least 60 mph.</p> <p>Note: The estimated wind gust of 52 knots is equivalent to 60 mph.</p>									
Grayson County Sherman Van Alstyne	28	2130CST			0	0	7.00K	0.00K	Thunderstorm Wind (61EG)
<p>Numerous trees and tree limbs were knocked down along the Highway 75 corridor between Sherman and Van Alstyne. A few of the trees were approximately 20 inches in diameter.</p> <p>Note: The estimated wind gust of 61 knots is equivalent to 70 mph.</p>									
Dallas County 2 NW Reinhardt	28	2228CST			0	0	0.00K	0.00K	Hail (0.88)
<p>Some dime to nickel sized hail fell east of White Rock Lake.</p> <p>Severe storms erupted along a cold front that was located over Northwest Texas during the afternoon hours. These storms were aided by a shortwave that was crossing the boundary. The storms merged into a MCS that moved southeast into the North Texas area. This complex of storms produced wind damage over the northwestern half of the CWA but weakened as it reached the Interstate 35 corridor.</p>									
Wise County 5 S Slidell	29	2020CST			0	0	0.00K	0.00K	Hail (0.75)
<p>Dime sized hail and thunderstorm winds up to 55 MPH were reported 5 miles south of Slidell.</p>									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Dallas County (DAL)Love Fld Dallas	29	2134CST			0	0	4.00K	0.00K	Thunderstorm Wind (50MG)
Winds were measured at 58 MPH underneath light rain associated with a dying thunderstorm to the northwest.									
Note: The measured wind gust of 50 knots is equivalent to 58 mph.									
Parker County 1 N Springtown	29	2200CST			0	0	3.00K	0.00K	Thunderstorm Wind (52EG)
Shingles were blown off a house, and the winds were estimated to be near 60 MPH. The high winds were associated with light rain from a dissipating thunderstorm.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Cooke County Era	30	0120CST			0	0	0.00K	0.00K	Hail (1.00)
Quarter sized hail covered the ground in Era.									
Cooke County Valley View	30	0122CST			0	0	0.00K	0.00K	Hail (1.00)
Cooke County 3 S Valley View	30	0127CST			0	0	40.00K	0.00K	Thunderstorm Wind (56EG)
Several electrical poles and numerous tree limbs were knocked down south of Valley View near Lone Oak Rd. Metal from barns were also blown off.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Denton County Aubrey	30	0145CST			0	0	0.00K	0.00K	Hail (1.25)
Denton County 4 NNW Little Elm	30	0150CST			0	0	0.00K	0.00K	Hail (1.00)
Quarter sized hail was reported near Oak Point.									
Denton County 4 WNW Navo	30	0152CST 0159CST			0	0	7.00K	0.00K	Hail (1.75)
Golf ball sized hail fell in Crossroads on Highway 380 for 5 to 8 minutes.									
Denton County 1 ENE Little Elm	30	0200CST			0	0	0.00K	0.00K	Hail (1.00)
Denton County Little Elm	30	0207CST			0	0	0.00K	0.00K	Hail (0.88)
Collin County Lolaville	30	0225CST			0	0	15.00K	0.00K	Thunderstorm Wind (62MG)
A wind gust of 71 MPH was reported at the Frisco Fire Station #3. Several trees and fences were knocked down in the neighborhood between Coit Road and Hillcrest Dr. Trampolines were also damaged in this neighborhood. Seven young trees were knocked down at a park near Gunstream Elementary.									
Note: The measured wind gust of 62 knots is equivalent to 71 mph.									
Cooke County Gainesville	30	0300CST			0	0	7.00K	0.00K	Thunderstorm Wind (35EG)
Strong thunderstorm winds knocked down the awning at the Quality Inn on Medal of Honor Blvd in Gainesville. The awning damaged a car parked nearby. One person also sustained minor injuries during the storm.									
Note: The estimated wind gust of 35 knots is equivalent to 40 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Parker County Peaster	30	0425CST			0	0	5.00K	0.00K	Hail (1.75)
Wise County 5 SE Boonsville	30	0430CST			0	0	50.00K	0.00K	Lightning
A lightning strike started a fire at a deep well injection disposal site in the Salt Creek Area. Ten tanks were engulfed.									
Parker County Weatherford	30	0435CST			0	0	0.00K	0.00K	Hail (1.00)
Parker County Weatherford	30	0437CST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
Three to six inch diameter limbs were broken and a flag pole was knocked down. Winds were estimated to be 60 MPH.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Johnson County Cleburne	30	0600CST			0	0	12.00K	0.00K	Hail (1.75)
Freestone County 3 NW Fairfield	30	0645CST			0	0	15.00K	0.00K	Lightning
Lightning ignited two desalint tanks on fire on Private Road 1173 just northeast of Fairfield.									
Denton County Aubrey	30	0933CST			0	0	0.00K	0.00K	Hail (0.75)
Denton County 2 S Aubrey	30	0935CST			0	0	0.00K	0.00K	Hail (1.00)
Quarter sized hail fell at the intersection of Highway 377 and Industrial Park.									
Collin County 4 SSE Foot	30	1015CST			0	0	275.00K	0.00K	Lightning
A home on Loma Alta Tr in McKinney was struck by lightning and destroyed by the ensuing fire.									
Collin County 1 NNE Lebanon	30	1022CST			0	0	450.00K	0.00K	Lightning
A home in the 5900 block of Aberdeen Place in Frisco was struck by lightning and damaged by the ensuing fire.									
Collin County 4 SSE Foot	30	1030CST			0	0	275.00K	0.00K	Lightning
A home on Laughing Waters Tr in McKinney was struck by lightning and destroyed by the ensuing fire.									
Collin County 3 SSW Foot	30	1059CST			0	0	250.00K	0.00K	Lightning
A home in the 12000 block of Botanical Lane in Frisco was struck by lightning and damaged by the ensuing fire.									
Dallas County 2 N (ADS)Addison Arpt Da	30	1245CST			0	0	0.00K	0.00K	Hail (0.88)
Nickel sized hail fell 2 miles north of the southeast corner of Addison Airport.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Dallas County 2 WSW Addison	30	1257CST			0	0	0.00K	0.00K	Hail (1.00)
	Hail up to the size of quarters was reported in the Brookhaven area of North Dallas.								
Dallas County 2 WSW Addison	30	1301CST			0	0	0.00K	0.00K	Hail (0.75)
Dallas County 3 ESE University Park	30	1308CST			0	0	0.00K	0.00K	Hail (0.88)
	Penny to nickel sized hail was reported on the northwest corner of White Rock Lake.								
Denton County 2 E Navo	30	1417CST			0	0	0.00K	0.00K	Hail (1.50)
	Ping Pong ball sized hail fell along Highway 380 between Crossroads and Prosper.								
Denton County 4 E Grapevine Res	30	2030CST			0	0	900.00K	0.00K	Lightning
	Four homes and one apartment building was struck by lightning in Flower Mound when a complex of thunderstorms moved through in the late evening hours. The largest house fire was on Dickens Lane with others on Remington Park Drive, Beacon Street, and Crescent Drive. The damage at the Lantana Apartments on Long Prairie Drive was only electrical.								
Young County Olney	30	2031CST			0	0	0.00K	0.00K	Hail (1.00)
Young County Olney	30	2031CST			0	0	3.00K	0.00K	Thunderstorm Wind (52EG)
	Thunderstorm winds up to 60 MPH were estimated in Olney by the Emergency Manager.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								
Young County Olney	30	2047CST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
	Another wind gust in Olney was estimated to be 60 MPH.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								
Young County 2 NNE Olney	30	2047CST			0	0	3.00K	0.00K	Thunderstorm Wind (52EG)
	Thunderstorm winds were estimated to be near 60 MPH north of Olney, near the county line.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								
Young County Graham Muni Arpt	30	2055CST			0	0	2.00K	0.00K	Thunderstorm Wind (51MG)
	A 59 MPH wind gust was measured at KRPH.								
	Note: The measured wind gust of 51 knots is equivalent to 59 mph.								
Jack County Jermyn	30	2058CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
	Spotter estimated 60 MPH winds near Jermyn.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Jack County Jacksboro	30	2115CST			0	0	10.00K	0.00K	Thunderstorm Wind (56EG)
Several large trees were blown down in Jacksboro. Most of the city was left without power.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Palo Pinto County 2 SE Mineral Wells	30	2120CST			0	0	10.00K	0.00K	Thunderstorm Wind (56EG)
Several large trees were blown down in Mineral Wells. Most of the residents in the southeast area of town lost power.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Denton County 2 S Roanoke	30	2145CST							
	31	0045CST			0	0	500.00K	0.00K	Lightning
A home in Trophy Club was struck by lightning and damaged by the ensuing fire. The fire occurred in the attic and second floor, but was likely a total loss.									
Collin County 3 SW Plano	30	2230CST			0	0	0.00K	0.00K	Hail (0.75)
Penny sized hail was reported 3 miles southwest of Plano.									
Collin County 1 SW Murphy	30	2245CST			0	0	0.00K	0.00K	Hail (0.75)
Rockwall County Fate	30	2310CST			0	0	0.00K	0.00K	Hail (1.25)
Rockwall County Royse City	30	2315CST			0	0	0.00K	0.00K	Hail (1.00)
Anderson County 1 NE Neches	31	0315CST			0	0	250.00K	0.00K	Lightning
Lightning started a house fire in the 1400 block of FM 19 in Neches. The brick home, valued at \$150,000, was a total loss.									
Ellis County 3 SSW Lone Elm	31	0350CST			0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
Thunderstorm winds blew a tree down onto the roadway in the 800 block of Cox Rd in Waxahachie.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Ellis County 2 N Boz	31	0350CST			0	0	10.00K	0.00K	Thunderstorm Wind (52EG)
Several trees and powerlines were blown down due to high winds near the 2000 block of Old Maypearl Rd.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Ellis County 1 N Italy	31	0420CST			0	0	15.00K	0.00K	Thunderstorm Wind (56EG)
A power pole fell onto a car in the 700 block of Rhonda Street in Italy.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Ellis County Milford	31	0425CST			0	0	4.00K	0.00K	Thunderstorm Wind (56EG)
Trees were knocked down in Downtown Milford.									
Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, North

Anderson County 5 NNE Palestine

31	0830CST				0	0	175.00K	0.00K	Lightning
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Lightning was believed to have started a house fire in the Quail Valley mobile home park north of Palestine. The single wide mobile home was a complete loss.

A surface low and an associated dryline remained over North Texas from the 29th through the early morning hours of the 31st. Several rounds of severe storms developed and moved across North Texas due to a very unstable atmosphere across the area. The main areas affected were the northern and northwestern areas of the County Warning Area. Hail up to the size of golfballs and wind gusts up to 70 MPH were reported from these storms.

TEXAS, North Panhandle

TXZ016

Deaf Smith

05	1320CST				0	3	80.0K	0.00K	Wildfire
	1640CST								

A wildfire began approximately 1320CST about seven miles southeast of Hereford Texas in southeastern Deaf Smith county. The wildfire started in a pasture near County Road EE and County Road 1 and consumed an estimated six hundred and forty acres. The wildfire destroyed a house that was being remodeled and three firefighters were treated for minor smoke inhalation. There were no reports of fatalities, and the cause of the wildfire was still under investigation. The Hereford, Dawn, and Bootleg Fire Departments responded to the wildfire which was controlled around 1640CST.

Oldham County 12 N Adrian

21	1918CST				0	0	0.00K	0.00K	Hail (1.00)
	1920CST								

The hail was completely covering the ground.

Oldham County 4 NW Adrian

21	1937CST				0	0	0.00K	0.00K	Tornado (EF0)
	1940CST	0.57	100						

An official National Weather Service Storm Survey revealed that a tornado occurred four miles northwest of Adrian Texas in Oldham county around 1937CST and was on the ground for three minutes. The tornado was rated an EF0 with winds estimated near fifty-six knots. The tornado moved south southwest with a path length of one thousand yards and a path width of one hundred yards. The tornado lifted around 1940CST between three and a half and four miles northwest of Adrian Texas in Oldham county. There was no damage and there were no injuries or fatalities.

Oldham County 1 ENE Adrian

21	1950CST				0	0	0.00K	0.00K	Hail (1.75)
	1952CST								

Oldham County 1 ENE Adrian

21	1951CST				0	0	0.00K	0.00K	Hail (1.75)
	1953CST								

The hail was reported along Interstate 40.

Oldham County 1 ENE Adrian

21	2006CST				0	0	0.00K	0.00K	Hail (1.75)
	2008CST								

Oldham County 1 ENE Adrian

21	2022CST				0	0	0.00K	0.00K	Hail (0.88)
	2024CST								

The hail was reported to be two to three inches deep and completely covering the ground.

Potter County 1 W Amarillo

21	2131CST				0	0	0.00K	0.00K	Thunderstorm Wind (53MG)
	2132CST								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, North Panhandle

Severe thunderstorms during the evening hours produced large hail, thunderstorm wind gust and a tornado across the southwestern and south central sections of the Texas Panhandle. There was no report of damage and there were no reports of injuries or fatalities. Note: The measured wind gust of 53 knots is equivalent to 61 mph.

Hemphill County 6 ENE Canadian

25	1910CST								
	1911CST				0	0	0.00K	0.00K	Thunderstorm Wind (56MG)

Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Lipscomb County 1 SW Higgins

25	1941CST								
	1943CST				0	0	10.00K	0.00K	Thunderstorm Wind (56EG)

A trained spotter reported that the strong thunderstorm wind gust blew over a carport and that there were two tree limbs blown down. There were no reports of injuries or fatalities.

Severe thunderstorms produced damaging thunderstorm wind gusts across the northeastern Texas Panhandle during the evening hours. There were no reports of injuries or fatalities. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Deaf Smith County Bootleg

26	1820CST								
	1822CST				0	0	0.00K	0.00K	Hail (1.00)

Hartley County 1 S Hartley

26	1901CST								
	1903CST				0	0	0.00K	0.00K	Hail (0.75)

Hartley County 1 N Hartley

26	1904CST								
	1906CST				0	0	0.00K	0.00K	Hail (0.88)

Sherman County 2 ESE Mallett

26	1939CST								
	1941CST				0	0	0.00K	0.00K	Hail (0.88)

Sherman County 3 ESE Mallett

26	1940CST								
	1942CST				0	0	0.00K	0.00K	Hail (1.00)

Sherman County 2 ESE Mallett

26	1941CST								
	1943CST				0	0	0.00K	0.00K	Hail (0.88)

Severe thunderstorms produced hail across much of the northwestern and southwestern Texas Panhandle during the evening hours. There was no report of damage and there were no reports of injuries or fatalities.

Donley County 7 S Hedley

30	1458CST								
	1500CST				0	0	0.00K	0.00K	Hail (1.75)

Donley County 7 S Lelia Lake

30	1500CST								
	1502CST				0	0	0.00K	0.00K	Hail (2.00)

Donley County 1 E Hedley

30	1500CST								
	1502CST				0	0	0.00K	0.00K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, North Panhandle

Donley County

6 S Hedley 30 1501CST
1503CST 0 0 0.00K 0.00K Hail (1.00)

Gray County

2 NE Lefors 30 1512CST
1514CST 0 0 0.00K 0.00K Hail (2.75)

Gray County

1 S Alanreed 30 1532CST
1534CST 0 0 0.00K 0.00K Hail (0.75)

Gray County

Alanreed 30 1532CST
1534CST 0 0 0.00K 0.00K Hail (0.88)

The hail was reported at Farm to Market Road 291 and Interstate 40.

Gray County

1 S Alanreed 30 1538CST
1540CST 0 0 0.00K 0.00K Hail (0.75)

Donley County

15 E Jericho 30 1550CST
1552CST 0 0 0.00K 0.00K Hail (1.50)

Gray County

6 SSE Laketon 30 1552CST
1554CST 0 0 0.00K 0.00K Hail (0.88)

Gray County

6 SSE Laketon 30 1555CST
1557CST 0 0 0.00K 0.00K Hail (1.00)

Collingsworth County

6 SW Dozier 30 1610CST
1612CST 0 0 0.00K 0.00K Hail (1.00)

Collingsworth County

6 SW Dozier 30 1618CST
1620CST 0 0 0.00K 0.00K Hail (0.75)

Gray County

7 N Alanreed 30 1723CST
1725CST 0 0 0.00K 0.00K Hail (0.88)

Severe thunderstorms produced large hail across the southeastern and eastern Texas Panhandle during the late afternoon and evening hours. There was no damage reported and there were no reports of injuries or fatalities.

TEXAS, Northeast

Bowie County

2 W Hooks 07 1750CST 0 0 0.00K 0.00K Hail (1.00)

Nickel to quarter sized hail in Hooks, Texas.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Northeast									
Red River County 2 NNW Johntown	07	1811CST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter sized hail was reported in Johntown, Texas.								
Titus County Mt Pleasant	07	1900CST			0	0	0.00K	0.00K	Thunderstorm Wind (54EG)
	Several trees were downed from Mount Pleasant to Winfield, Texas.								
	Note: The estimated wind gust of 54 knots is equivalent to 62 mph.								
Titus County 2 WNW Roeder	07	1920CST			0	0	0.00K	0.00K	Hail (1.50)
	Hail was reported 5 miles southeast of Mount Pleasant, Texas.								
Titus County Mt Pleasant	07	1920CST			0	0	0.00K	0.00K	Thunderstorm Wind (55EG)
	Powerlines were downed in Mount Pleasant, Texas.								
	Note: The estimated wind gust of 55 knots is equivalent to 63 mph.								
Morris County 1 E Dangerfield	07	1930CST			0	0	20.00K	0.00K	Thunderstorm Wind (55EG)
	A large tree fell on a house in Daingerfield, Texas. Numerous other trees were downed along Hwy. 259.								
	Note: The estimated wind gust of 55 knots is equivalent to 63 mph.								
Cass County Avinger	07	2005CST			0	0	0.00K	0.00K	Thunderstorm Wind (54EG)
	Trees were downed near Avinger, Texas.								
	Note: The estimated wind gust of 54 knots is equivalent to 62 mph.								
Morris County 2 NNW Lone Star	07	2030CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
	Estimated 60 mph winds were reported in Lone Star, Texas. Large tree limbs, greater than 2 inches in diameter were downed along with other large branches downed.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								
Harrison County 1 ENE Marshall	07	2040CST			0	0	20.00K	0.00K	Thunderstorm Wind (54EG)
	Trees and powerlines were downed in downtown Marshall. One tree fell on a house.								
	Note: The estimated wind gust of 54 knots is equivalent to 62 mph.								
Harrison County 1 W Hallsville	07	2050CST			0	0	15.00K	0.00K	Thunderstorm Wind (53EG)
	A tree was downed on a house along FM. 450 near Hallsville.								
	Note: The estimated wind gust of 53 knots is equivalent to 61 mph.								
Harrison County 1 W Hallsville	07	2050CST			0	0	15.00K	0.00K	Thunderstorm Wind (53EG)
	A tree was downed on a house along FM. 450 near Hallsville.								
	Note: The estimated wind gust of 53 knots is equivalent to 61 mph.								
Gregg County 2 NE Greggton	07	2100CST			0	0	10.00K	0.00K	Thunderstorm Wind (53EG)
	A large pine tree fell on a home on Lincoln Drive in Longview, Texas.								
	Note: The estimated wind gust of 53 knots is equivalent to 61 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Northeast									
Rusk County									
1 N Henderson	07	2105CST			0	0	0.00K	0.00K	Thunderstorm Wind (54EG)
Large trees were downed just north of Henderson, Texas. Note: The estimated wind gust of 54 knots is equivalent to 62 mph.									
Rusk County									
1 N Henderson	07	2115CST			0	0	20.00K	0.00K	Thunderstorm Wind (56EG)
Numerous large trees were downed in and around Henderson, Texas. Local Emergency Manager reported that a tree fell on a house in town, along with numerous other roadways being blocked by fallen trees. Hwy. 42 and FM. 1249 were hit the worst. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.									
Rusk County									
2 NNW Pone	07	2120CST			0	0	0.00K	0.00K	Thunderstorm Wind (54EG)
A few large trees were downed near FM. 839. Note: The estimated wind gust of 54 knots is equivalent to 62 mph.									
Panola County									
1 E Carthage	07	2130CST			0	0	50.00K	0.00K	Thunderstorm Wind (52EG)
Thunderstorm wind gusts downed trees in Carthage. One of these trees fell across a mobile home. There were no report of injuries. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Red River County									
1 S Detroit	07	2215CST			0	0	0.00K	0.00K	Hail (0.88)
A very unstable airmass developed ahead of a cold front which moved through Northeast Texas during the afternoon and evening hours of May 7th. While atmospheric wind shear was relatively weak, the extreme instability made up for the lack of shear. Multicell and supercell thunderstorms were the end result, some of which produced large hail initially but the storms quickly transitioned into damaging wind producing thunderstorms with numerous reports of wind damage received across Northeast Texas.									
TXZ167									
Sabine									
	11	0800CST 1000CST			0	0	100.0K	0.00K	High Wind
A strong upper level trough moved across Southeast Texas and Southwest Louisiana during the predawn hours of May 11th. A line of thunderstorms pushed well off the coast of Southeast Texas and Southwest Louisiana by sunrise. A wake low developed in the wake of the convection across the southern half of Northeast Texas and West Central Louisiana near the vicinity of the Toledo Bend Reservoir. Residents near the lake estimated winds near 60 mph which caused some wind damage in and around the reservoir.									
Smith County									
3 ESE Bascom	15	1520CST			0	0	0.00K	0.00K	Hail (0.88)
Gregg County									
2 NE Greggton	15	1705CST			0	0	0.00K	0.00K	Hail (0.75)
Gregg County									
2 NE Greggton	15	1745CST			0	0	0.00K	0.00K	Hail (1.00)
A spotter reported quarter sized hail in eastern Longview along the Harrison, Gregg County line.									
Bowie County									
1 S Simms	15	1835CST			0	0	0.00K	0.00K	Hail (0.88)
Penny to nickel sized hail was reported in the Simms community.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Northeast

Scattered showers and thunderstorms developed during the heat of the afternoon on May 15th across Northeast Texas, generally to the north and east of a slow moving upper level low pressure system over Southeast Texas. Several of these storms were briefly strong, which produced reports of small and non-severe hail over Northeast Texas. One exception was from a storm near Longview, which produced hail to the size of quarters on the east side of town near the Gregg/Harrison County line. These storms diminished during the evening with the loss of heating and instability.

Wood County

1 NW Winnsboro

30	0330CST				0	0	20.00K	0.00K	Thunderstorm Wind (52EG)
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A large branch off of a tree broke and fell through a roof causing minor damage to a home in Winnsboro, Texas. There were no report of injuries.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Camp County

Pittsburg

30	0345CST				0	0	40.00K	0.00K	Thunderstorm Wind (52EG)
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A large tree fell on top of a home in Pittsburg, Texas on Camp County Road 1332. There were no reports of injuries.

Northwest flow aloft across the Southern Plains brought strong disturbances down into the Four State Region. These storms interacted with strong instability and strong southerly low level winds which helped to sustain the convection into the region. The end result was strong to severe thunderstorms, some of which produced strong damaging wind gusts across Northeast Texas. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Cherokee County

2 NNE Jacksonville

31	0233CST				0	0	0.00K	0.00K	Hail (0.75)
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Dime to Penny sized hail was reported near Loves Lookout north of Jacksonville, Texas.

Strong thunderstorms developed across portions of Northeast Texas due to a disturbance aloft moving south out of northern Texas. These storms developed in a moderately unstable airmass and mostly produced small hail.

TEXAS, South

TXZ248>251-253>257

Brooks - Coastal Cameron - Coastal Willacy - Hidalgo - Inland Cameron - Inland Willacy - Jim Hogg - Kenedy - Zapata

01	0000CST								
14	2359CST				0	0	0.00K	0.00K	Drought

Drought conditions held steady the first week of May with little to no rain falling during the week across the region. A five day period of occasional strong to severe thunderstorms (May 8-12) would manifest in one level of drought improvement across locations in the Rio Grande Plains and Lower Rio Grande Valley.

Zapata County

1 SE San Ygnacio

08	1100CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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Zapata County emergency manager reported thunderstorm wind gusts of 60 to 65 mph occurred in San Ygnacio. Three to four homes were reported to have roof damage and one mobile home was destroyed.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Zapata County

1 ENE Zapata Arpt

08	1135CST				0	0	0.00K	0.00K	Thunderstorm Wind (54MG)
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AWOS at Zapata reported a 62 mph thunderstorm wind gust.

Note: The measured wind gust of 54 knots is equivalent to 62 mph.

Zapata County

1 NNE Zapata Arpt

08	1420CST				0	0	0.00K	0.00K	Hail (1.00)
	1425CST								

Public reported quarter size hail at the intersection of Lincoln and 5th Street.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, South

Zapata County

1 NNE Zapata Arpt

08	1425CST 1426CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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Public reported estimated wind gust of 60 to 65 mph at Lincoln and 5th Street.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Zapata County

1 NE Zapata Arpt

08	1430CST 1445CST				0	0	0.00K	0.00K	Flash Flood
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Street flooding with briefly up to 3 feet of moving water near the intersection of Irene and US 83. Photos also showed urban type flooding at a local park in the city of Zapata, with an estimated 1 foot of water depth.

Hidalgo County

10 NNW Linn
5 N San Manuel

08	1555CST 1625CST				0	0	0.00K	0.00K	Heavy Rain
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The Hidalgo County Precinct #4 Constable recorded 4 to 4.5 inches of rainfall across his ranch to the northwest of U.S. Highway 281, approximately 6 miles north of Linn. High standing water of unknown depth was reported on unpaved roads and in some of the fields.

Hidalgo County

7 N Linn
5 NNE San Manuel

08	1606CST 1612CST				0	1	50.00K	0.00K	Thunderstorm Wind (89MG)
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A semi trailer was blown over on US 281, 6 miles north of TX HWY 186. Driver of semi was injured. Driver stated that he had pulled onto the shoulder due to blinding rain and pelting hail and soon after, the downburst moved the trailer onto the dirt shoulder and then turned over. The trailer was carrying 5 tons of cargo (vacuum cleaners) and at least 200 gallons of diesel, which had to be removed from the scene.

The Precinct Constable, who lives about a mile southwest of the trailer incident, reported numerous asphalt shingles pulled from the northwest facing roof, and one window was blown out. Numerous mesquite trees were snapped or had large healthy limbs broken and healthy ebony and oak trees were also damaged on the ranch. Heavy cable was torn out of a telephone tower (0.2 miles SE of the ranch house) at an estimated height of 200 feet above the ground.

A peak instantaneous wind gust of 102 mph was recorded at a 10 meter temporary wind platform as the microburst surged through. The same platform recorded 35 minutes of wind gusts to 50 mph or higher; the platform was less than one half mile from the Constable's house.

Note: The measured wind gust of 89 knots is equivalent to 102 mph.

Willacy County

Raymondville

08	1705CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Emergency manager reported winds from 50 to 60 mph in Raymondville.

The leading edge of a slow moving upper level disturbance across the southwest U.S. induced thunderstorms across the Sierra Madre Oriental during the early morning hours of May 8th. These storms moved into the Rio Grande Plains toward noon, then linked up with additional lift from an approaching wind shift line drifting south from the South Texas Plains. Feeding on a very unstable atmosphere - cold and dry air well above the earth's surface - initial storms would slam Zapata County during lunchtime with damaging wind, large hail, flooding rain, and frequent lightning. As the afternoon progressed, increasing contrast between cooler air across the South Texas Plains (60s and 70s) with the last of the early May heat in the Rio Grande Valley (90s) set the stage for additional storms with damaging winds and flooding rain in Zapata, and culminated with a monster supercell thunderstorm which cruised from southwest Brooks County through Raymondville before weakening. This impressive supercell storm dominated the episode, and produced a measured instantaneous wind gust over 100 mph in rural Hidalgo County. Fortunately for the populated middle Valley, where more than 700,000 persons are at risk, this cell slid through northern Hidalgo County north of the SR 186 and U.S. 281 interchange, and accelerated through the Lower Rio Grande Valley National Wildlife Refuge northeast of Linn and San Manuel before reaching Raymondville (Willacy County). The cell quickly weakened by the end of dinner hour (6 to 7 PM CDT) before reaching the Laguna Madre and Gulf of Mexico. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, South

Hidalgo County 3 SSE Faysville

09	2025CST 2030CST				0	0	0.00K	0.00K	Hail (1.00)
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Several residents of a colonia in Doolittle reported at least five minutes of hail, up to the size of quarters, with a severe thunderstorm that also produced a damaging microburst in the area.

Hidalgo County 3 SSE Faysville

09	2025CST 2030CST				0	0	25.00K	0.00K	Thunderstorm Wind (56EG)
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Between 9 and 945 PM, winds increased, rain poured down, and hail developed as the storm formed and began moving east. At approximately 930 PM, a microburst and large hail struck a colonia in Doolittle, damaging nearly every home (most were of poor construction) and rolling two unanchored trailers. One resident's ceiling caved in from the combination of hail, estimated to be quarter sized, torrential rains, and driving 60 to 65 mph winds. Another tin roof was completely blown from a mobile home. A man was inside one of the trailers when it rolled; fortunately, he was not injured. Nearby, several large limbs were broken from mesquite trees, and one tree was partially uprooted. Shed damage was also noted at the Diamond B Ranch, just north of the colonia, which occurred moments before the downburst wrecked the colonia.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.



Rolled, unanchored trailer home at a colonia (makeshift neighborhood of migrant workers along the U.S./Mexico border) after an estimated 60 to 65 mph microburst passed through, near Doolittle, TX.

Hidalgo County 5 NNE La Blanca

09	2055CST 2057CST				0	0	0.00K	0.00K	Hail (0.75)
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Public reported penny size hail 10 mile NE of Edinburg near Elsa at the intersection of FM2812 and Val Verde Road.

Willacy County Sebastian

09	2125CST 2135CST				0	0	0.00K	0.00K	Hail (0.75)
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After an initial report of baseball to softball sized hail in Sebastian, visual evidence from an NWS storm survey indicated no discernible hail impact in Sebastian. Estimated size was penny sized based on conversations with affected residents. the hail lasted up to 10 minutes.

Kenedy County 2 E Turcotte

09	2130CST 2133CST				0	0	0.00K	0.00K	Hail (1.00)
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Border patrol checkpoint 15 miles south of Sarita reported predominantly nickel size hail with embedded quarter size hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, South

Willacy County

1 N Lyford

09	2140CST								
	2145CST				0	0	0.00K	0.00K	Hail (1.75)

Willacy County emergency manager reported golfball size hail 2 miles south of Raymondville.

A thunderstorm, forming along boundaries from earlier activity during the afternoon on May 9th and aided by proximity to a stationary surface front and another wave of energy ahead of an upper level disturbance, quickly became severe northeast of Edinburg. Between 9 and 945 PM, winds increased, rain poured down, and hail developed as the storm formed and began moving east.

At approximately 930 PM, a microburst and large hail struck a colonia in Doolittle, damaging nearly every home (most were of poor construction) and rolling two unanchored trailers. The storm would continue east-southeast through eastern Hidalgo county and on into western Willacy County, generally along and north of state highway 107 in Hidalgo County, and along and north of the Cameron/Willacy County line. Additional small to medium sized hail fell from Edcouch/Elsa (Hidalgo County) eastward through Sebastian to just south of Raymondville (Willacy County) before the storm weakened just before 11 PM CDT.

Additional cells forming along boundaries from the initial storm north of Edinburg pushed northeast into the King Ranch, eventually dropping large hail along U.S. Highway 77.

Zapata County

2 NNE Zapata Arpt

2 WSW Zapata

10	2210CST								
	2220CST				0	0	5.00K	0.00K	Lightning

Frequent to excessive lightning knocked out power to the south half of the City of Zapata during a severe thunderstorm during the late evening of May 10th.

Zapata County

1 NNE Zapata Arpt

10	2215CST								
	2225CST				0	0	0.00K	0.00K	Hail (1.00)

Penny to quarter sized hail was reported at two locations in the City of Zapata between 1115 and 1125 PM local daylight time as severe thunderstorms marched across the area. The first report was an unknown location; the second was at the intersection of 5th Avenue and Lincoln Street.

Zapata County

2 NW Zapata

10	2215CST								
	2245CST				0	0	0.00K	0.00K	Heavy Rain

Heavy rainfall of unknown amount caused minor flooding in the Medina Addition section of the City of Zapata.

Zapata County

1 NNE Zapata Arpt

10	2217CST								
	2225CST				0	0	0.00K	0.00K	Thunderstorm Wind (61EG)

Trained spotter estimated wind gusts of 65 to 70 mph in downtown Zapata at the intersection of 5th and Lincoln Street. Initial report time was 1122 PM CDT; final time range estimated by radar.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Jim Hogg County

Randado

10	2225CST								
	2228CST				0	0	0.00K	0.00K	Hail (1.00)

Jim Hogg County Sheriff's Office reported quarter size hail in Randado.

Zapata County

2 NE Falcon Res North

10	2240CST								
11	0030CST				0	0	0.00K	0.00K	Flash Flood

The Zapata County Sheriff's Office reported 3 feet of flowing water along U.S. Highway 83 in the vicinity of El Clareno Ranch, about 7 miles south-southeast of the City of Zapata. The highway was closed from 1140 PM on the 10th until 130 AM on the 11th. No damage, injuries, or deaths were reported.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, South

Jim Hogg County Randado

10	2259CST 2359CST	0.1	10	0	0	0.00K	0.00K	Tornado (EF0)
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Jim Hogg County Sheriff's Office reported tornado briefly touched down at the intersection of Highway 16 and FM 649 in the vicinity of Randado.

Cameron County

1 NNE San Benito Muni Arpt

11	0215CST 0216CST	0.1	50	0	0	15.00K	0.00K	Tornado (EF0)
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A mini-supercell thunderstorms dropped a very brief tornado, containing estimated 80 mph winds (high end EF0 on the Fujita Scale) on top of a single family home, causing considerable damage to property at the well built structure. Damage included: four sections of cyclone fence bent in different directions around the home; a boat and trailer flipped over, numerous snapped tree limbs in different directions, and other limbs that came from an undetermined tree, barrel-tile roof shingles lifted off, one broken window, and a damaged carport. Unusual was the singular nature of the damage - striking only this property - with one of the shortest track lengths (a tenth of a mile) one would see on survey.



Damage to property and roof at a well built single family home in San Benito, TX from small tornado which contained estimated 80 mph winds. The large mesquite limbs were lifted from trees that could not be found on or near the property.

Hidalgo County

Mc Allen 1 SSW Pharr

11	0305CST 0320CST			0	0	15.00K	0.00K	Lightning
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Frequent to excessive lightning struck McAllen and Pharr as an individual strong thunderstorm followed the initial line of activity. The City of McAllen reported 4,200 customers without power during the peak of the storm. Lightning caused a structure fire just east in Pharr and knocked out power to some residents of the city.

Vigorous energy cycling around a seasonally strong upper level disturbance crashing into Texas brought a final round of potent thunderstorms through much of the Rio Grande Valley during the late night hours of May 10th into daybreak on May 11th. Initial severe thunderstorms and isolated tornadoes pummeled the Coastal Bend and South Texas Plains from Corpus Christi to near Laredo during the evening of the 10th. As night progressed, pockets of colder air behind the initial line pushed its west end southward; just before midnight, this end would link up with individual cells moving off the Sierra Madre west of Zapata County and form a separate, smaller line from Jim Hogg to Zapata County. This line quickly intensified and dumped heavy rain, high winds some large hail, and one confirmed tornado. As the line marched from the Ranchlands into the Rio Grande Valley, it weakened a bit; as the remnants neared the coast before daybreak, individual small rotating storms developed and redeveloped in Cameron County, with several reports of funnel clouds and at least one confirmed tornado in San Benito (just after 3 AM) from a few hours prior to until just after daybreak on the 11th.

While minor flooding was reported across some of the hilly terrain of the Rio Grande Plains, rainfall was more welcome in the Lower and Mid Valley, with many locations between San Benito, Harlingen, and McAllen receiving 1 to 2 inches of soaking. Frequent to excessive lightning strikes knocked out power to portions of the Rio Grande Valley as the intense storms passed; the lightning caused one structure fire in Pharr.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, South

Willacy County 3 E Raymondville

12	1506CST 1508CST				0	0	0.00K	0.00K	Hail (0.88)
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Public reported nickel size hail near Raymondville, about 2 miles east of Highway 77.

Cameron County 2 NE Stuart Place

12	1510CST				0	0	5.00K	0.00K	Lightning
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Palm Valley resident reported 5 palm trees set on fire by a lightning strike.

Willacy County Yturria 1 N Raymondville

12	1525CST 1530CST				0	0	0.00K	0.00K	Hail (1.00)
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The Willacy County Emergency Manager reported quarter size hail near Yturria. The public reported quarter size hail on the north side of Raymondville. Each report was from the same hail core, which moved quickly northeast of town and may have dropped larger hail over rural locations north of the City.

Willacy County 1 NW Raymondville

12	1534CST 1535CST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was reported at the intersection of 1st St. and Tampico Ave., also on the north side of town, at 434 PM CDT, by the public. Report was relayed to the NWS by a local weather broadcaster.

Cameron County 1 NNE La Feria

12	1610CST 1615CST				0	0	0.00K	0.00K	Hail (1.00)
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Public reported quarter size hail near La Feria.

Cameron County 1 NW Harlingen

12	1615CST 1625CST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel sized hail was reported by the public on the west side of Harlingen along the Highway 77 and 83 interchange at 515 PM; penny sized hail was reported at the intersection of Harrison and U.S. Highway 77 at 520 PM, with another report of penny sized hail at the same time relayed by amateur radio from the general public in the same area. Continuation of the hail for another five minutes was estimated by radar.

Cameron County 1 NNW Stuart Place Harlingen

12	1620CST 1625CST				0	0	0.50K	0.00K	Hail (1.25)
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Nickel to quarter size hail reported at Altas Palmas and Highway 83 and quarter size hail along Highway 83 on the west side of Harlingen. Report from spouse of NWS employee that car windshield was broken from the hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, South



A "plate" of hail. Quarter size or larger hailstones are shown, many with jagged edges, from a local television station viewer. Photograph courtesy of the NWS Brownsville/RGV Facebook Wall via Alan Shoemaker of KRGV-TV-5.

Cameron County 3 NNE Rangerville

12	1625CST								
	1630CST				0	0	0.00K	0.00K	Hail (1.00)

Cameron County Emergency Manager reported quarter size hail at the intersection of County Road 800 and Rangerville Road.

A little more than a day after a thunderstorm system brought more severe weather to the Rio Grande Valley, the last vestige of very unstable air held forth mainly along and east of Highway 77. Despite unfavorable upper level conditions, the combination of the unstable air with a trigger in the form of a wind shift/dry line which moved within striking distance of Highway 77 allowed a small but potent cluster of thunderstorms to explosively grow initially in northern Willacy County just before 4 PM CDT. These storms would produce southward moving outflows, which added to the dryline trigger. Additional storms would fire in only a half hour, working on the very unstable atmosphere (above right) to increase updraft speed and develop quarter to half dollar sized hail at least between west Harlingen and La Feria and points south between 515 and 545 PM. Once again, there was some damage to vehicles caught in the hail, much containing jagged edges. Many residents caught by surprise by the rapid development moved their vehicles under gas station canopies, car washes, and highway underpasses.

TXZ248-251-254> 257

Coastal Cameron - Coastal Willacy - Inland Cameron - Inland Willacy - Kenedy - Zapata

15	0000CST								
31	2359CST				0	0	0.00K	0.00K	Drought

A combination of showers, squall lines, thunderstorm clusters, and individual super cells dropped rain across the entire Rio Grande Valley and Deep South Texas between May 8th and 12th, which ultimately improved drought conditions in most areas beginning on the 15th.

Specific rainfall totals from across the region included: 3.43 inches in Zapata County, 1.56 inches in Falfurrias, 4.68 inches in Raymondville, 2.36 inches at McAllen/Miller International Airport, 3.21 inches at Valley International Airport in Harlingen, and 1.26 at the Brownsville/South Padre Island Airport in Brownsville. This rainfall greatly improved drought conditions across the region, with only a sliver of extreme (D3) drought across the northern tip of Jim Hogg County (including Hebbbronville) for much of the period.

Cameron County 2 NW San Benito

15	2049CST								
					0	0	3.00K	0.00K	Thunderstorm Wind (48EG)

A strong thunderstorm raced through central and eastern Cameron County, and briefly intensified. Winds estimated at 55 mph blue a poorly anchored roof from one mobile home at the Tropical Trail MHP along U.S. 77 (business) near Oscar Williams Road. A few mesquite limbs were also torn from one or two trees near the home; other structures were unharmed.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, South

A fast moving thunderstorm, aided by a pool of cool air aloft associated with an upper level disturbance, moved rapidly from southern Willacy County through central and eastern Cameron County during the mid evening of May 15th, causing local damage to a mobile home park. Note: The estimated wind gust of 48 knots is equivalent to 55 mph.

TEXAS, South Central

Val Verde County

1 S (DLF)Laughlin Afb De	03	2336CST			0	0	0.00K	0.00K	Thunderstorm Wind (52MG)
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A thunderstorm produced wind gusts measured by the Laughlin AFB ASOS at 52 kts. Power was knocked out on parts of the base and there were some tree limbs down.

Note: The measured wind gust of 52 knots is equivalent to 60 mph.

Maverick County

1 SE Eagle Pass	03	2350CST			0	0	25.00K	0.00K	Thunderstorm Wind (43EG)
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A thunderstorm produced wind gusts estimated at 50 mph that blew down numerous trees, power lines, light poles, and street signs in Eagle Pass.

A short wave trough initiated thunderstorms over the Mexican mountains. These storms moved eastward into Texas and produced damaging winds in Maverick and Val Verde Counties. Note: The estimated wind gust of 43 knots is equivalent to 49 mph.

Travis County

2 SSW West Lake Hills	06	0055CST			0	0	0.00K	0.00K	Hail (0.88)
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Travis County

1 E West Lake Hills	06	0100CST			0	0	0.00K	0.00K	Hail (0.75)
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Kendall County

1 S Welfare	06	0151CST			0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A thunderstorm produced wind gusts estimated at 58 mph that blew over several Oak trees south of Welfare.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Llano County

3 WSW Llano Muni Arpt	06	1735CST			0	0	0.00K	0.00K	Hail (1.75)
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A thunderstorm produced pea to golf ball size hail west of Llano.

Llano County

1 E Valley Spgs	06	1750CST			0	0	0.00K	0.00K	Hail (0.88)
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Llano County

2 W Llano Muni Arpt	06	1800CST			0	0	0.00K	0.00K	Hail (2.00)
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A thunderstorm produced egg size hail west of Llano.

Llano County

3 ENE Llano	06	1815CST			0	0	0.00K	0.00K	Hail (1.00)
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A thunderstorm produced one inch hail east of Llano.

Llano County

1 S Llano Muni Arpt	06	1823CST			0	0	0.00K	0.00K	Hail (1.00)
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A thunderstorm produced one inch hail south of Llano.

Llano County

2 W Llano	06	1838CST			0	0	0.00K	0.00K	Hail (1.75)
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A thunderstorm produced quarter to golf ball size hail west of Llano.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, South Central

Llano County 3 SE Llano

06	1846CST				0	0	0.00K	0.00K	Hail (1.75)
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A thunderstorm produced golf ball size hail southeast of Llano. On the ground, the hail was blown into drifts.

Isolated thunderstorms formed in an unstable airmass ahead of a cold front. Some of these storms produced large hail.

Llano County Llano

07	1605CST				0	0	0.00K	0.00K	Hail (0.75)
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Llano County 6 WSW Llano

07	1615CST				0	0	0.00K	0.00K	Hail (1.00)
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Llano County 2 NNW Castell

07	1625CST				0	0	0.00K	0.00K	Hail (1.75)
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Llano County 3 E Llano

07	1630CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A thunderstorm produced wind gusts estimated at 60 mph and penny size hail.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Llano County 1 N Kingsland Williamsar

07	1706CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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A thunderstorm produced wind gusts estimated at 60 mph.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Gillespie County 2 NW Fredericksburg Arpt

07	1720CST				0	0	0.00K	0.00K	Hail (1.00)
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Gillespie County 2 ESE Fredericksburg

07	1725CST				0	0	0.00K	0.00K	Hail (1.25)
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Thunderstorms produced quarter to half dollar size hail that covered the ground.

Gillespie County 1 S Fredericksburg

07	1726CST				0	0	0.00K	0.00K	Hail (1.00)
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Gillespie County 2 NW Fredericksburg Arpt

07	1728CST				0	0	0.00K	0.00K	Hail (1.00)
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A thunderstorm produced quarter size hail that covered the ground.

Burnet County 5 WSW Bertram

07	1750CST				0	0	2.00K	0.00K	Thunderstorm Wind (43EG)
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A thunderstorm produced wind gusts estimated at 50 mph that blew down two Oak trees.

Note: The estimated wind gust of 43 knots is equivalent to 49 mph.

Llano County 2 W Kingsland Williamsar

07	1750CST				0	0	2.00K	0.00K	Thunderstorm Wind (43EG)
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A thunderstorm produced wind gusts estimated at 50 mph that blew over several trees near Kingsland.

Note: The estimated wind gust of 43 knots is equivalent to 49 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, South Central									
Kendall County 6 N Sisterdale	07	1800CST			0	0	0.00K	0.00K	Hail (1.75)
Kendall County 2 ESE Sisterdale	07	1800CST			0	0	0.00K	0.00K	Hail (1.00)
Kendall County 1 W Sisterdale	07	1820CST			0	0	0.00K	0.00K	Hail (1.00)
A thunderstorm produced nickel to quarter size hail and wind gusts estimated at 50 mph.									
Travis County 3 WSW Waters Rock	07	1850CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
A thunderstorm produced wind gusts estimated at 60 mph and nickel size hail.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									
Travis County Waters Rock	07	1900CST			0	0	0.00K	0.00K	Funnel Cloud
A thunderstorm produced a rope funnel cloud in North Austin.									
Medina County 1 E Hondo Arpt	07	1948CST			0	0	0.00K	0.00K	Thunderstorm Wind (54MG)
A thunderstorm produced a wind gust measured by the Hondo Municipal Airport ASOS at 54 kts. This strong wind brought down several trees and caused power outages.									
Note: The measured wind gust of 54 knots is equivalent to 62 mph.									
Dimmit County 3 NNW Big Wells	07	2017CST			0	0	0.00K	0.00K	Funnel Cloud
A thunderstorm produced a funnel cloud north of Big Wells.									
Dimmit County 2 N Big Wells	07	2018CST			0	0	0.00K	0.00K	Hail (1.00)
Dimmit County 1 E Big Wells	07	2025CST			0	0	0.00K	0.00K	Hail (1.50)
Bexar County 5 NW Atascosa	07	2030CST			0	0	0.00K	0.00K	Hail (1.00)
Dimmit County 3 SSW Carrizo Spgs	07	2038CST			0	0	0.00K	0.00K	Hail (1.50)
A cold front moved into an unstable airmass and produced widespread thunderstorms. These storms produced large hail, damaging winds, and a tornado.									
Val Verde County 6 NNW Comstock	10	0505CST			0	0	0.00K	0.00K	Hail (1.00)
Val Verde County 6 NNW Comstock	10	0505CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
A thunderstorm produced wind gusts estimated at 60 mph.									
Note: The estimated wind gust of 52 knots is equivalent to 60 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
TEXAS, South Central									
Val Verde County 1 N Comstock	10	0520CST			0	0	0.00K	0.00K	Hail (1.00)
A thunderstorm produced hail that covered the ground. The largest hail was quarter size.									
Frio County 1 W Dilley Arpt	10	1000CST			0	0	0.00K	0.00K	Hail (1.75)
Val Verde County 1 N Comstock	10	1115CST			0	0	0.00K	0.00K	Flash Flood
Thunderstorms produced heavy rain that flooded low water crossings, closing FM 1024 and Highway 163. Numerous dirt roads were also washed out by the rain.									
Wilson County 3 ENE Three Oaks	10	1125CST			0	0			Thunderstorm Wind (50EG)
Thunderstorms produced wind gusts estimated to 58 mph that caused extensive crop damage in Wilson County.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Frio County 1 WSW Otley	10	1147CST			0	0	0.00K	0.00K	Flash Flood
Thunderstorms produced heavy rain that flooded the I35 feeder roads over the Frio River north of Dilley. Numerous other roads north of Dilley were also covered with water.									
Wilson County 1 NW Kosciusko	10	1222CST			0	0			Thunderstorm Wind (50EG)
A thunderstorm produced wind gusts estimated at 58 mph that damaged roofs, trees, and blew down power lines and poles just south of Stockdale near Kosciusko. Damage was reported along FM 541 toward Poth as well as on the east side of Highway 123 near Country Roads 451 and 252. Roof damage was also reported in this area.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Wilson County 4 W Kosciusko	10	1225CST			0	0	0.00K	0.00K	Hail (1.75)
Wilson County 1 ENE Kosciusko	10	1225CST 1227CST	0.25	10	0	0			Tornado (EF0)
Minor damage was reported along County Road 252 a few miles east of Highway 123. Tree damage was reported along with roofing material littered across the road. A Barn was destroyed just south of County Road 252.									
Wilson County 3 ESE Poth	10	1315CST			0	0	0.00K	0.00K	Flash Flood
Thunderstorms produced 5 inches of rain near Poth prompting the high water rescue team to be called in.									
Atascosa County 1 NW Leming 1 SE Haiduk	10	1355CST			0	0	0.00K	0.00K	Flash Flood
Thunderstorms produced heavy rain that flooded low water crossings closing FM 536 north of Pleasanton as well as FM 1784 near Verdi.									
Uvalde County 1 NW North Uvalde 6 SW Reagan Wells	10	1402CST			0	0	0.00K	0.00K	Flash Flood
Thunderstorms produced heavy rain that flooded low water crossings closing Highway 55 northwest of Uvalde to just south of the Uvalde-Real County line.									
Kinney County Brackettville	10	1516CST			0	0	0.00K	0.00K	Flash Flood
Thunderstorms produced heavy rain that flooded low water crossings closing FM 334 from Brackettville to Highway 55.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, South Central									
Uvalde County 3 SW Concan 3 SSE Reagan Wells	10	1516CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded low water crossings closing FM 1051.								
Uvalde County Utopia	10	1516CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded low water crossings closing Highway 187 from Sabinal to Utopia.								
Uvalde County 2 SSW Laguna	10	1516CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded low water crossings closing FM 334 from Brackettville to Highway 55.								
Wilson County 1 ESE Poth 5 WSW Dewees	10	1525CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded numerous small roads in Wilson County.								
Bandera County 2 E Vanderpool 4 W Medina Circle R Arpt	10	1615CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that caused a rock slide due to flash flooding two miles east of Vanderpool.								
Bandera County 3 W Bluff	10	1645CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded low water crossings closing FM 2107 at Rocky Creek Rd.								
Kerr County 1 WSW Kerrville	10	1645CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded low water crossings closing Hill Country Dr.								
Real County 1 WNW Leakey	10	1645CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded low water crossings closing RM 336 from Leakey to Highway 41.								
Bandera County 11 WNW Vanderpool	10	1648CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded low water crossings closing Highway 187 from Vanderpool to Lost Maples State Park.								
Real County Rio Frio	10	1714CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded low water crossings closing FM 1120 from Rio Frio to Leakey.								
Maverick County 5 ENE La Gloria	10	1715CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that caused flash flooding closing several roads north of Eagle Pass. These storms also produced pea size hail.								
Uvalde County 2 SE Concan	10	1839CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded low water crossings closing Highway 127 at the Frio River, and RM 2690 at the Frio and Dry Frio Rivers.								
Williamson County 3 SSW Cedar Park	10	1935CST			0	0	10.00K	0.00K	Thunderstorm Wind (43EG)
	A thunderstorm produced wind gusts estimated at 50 mph that knocked down several trees and power lines.								
	Note: The estimated wind gust of 43 knots is equivalent to 49 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, South Central									
Williamson County 1 S Old Round Rock	10	1952CST			0	0	0.00K	0.00K	Hail (0.88)
	A thunderstorm produced nickel size hail that caused traffic problems on I35.								
Hays County 3 W Driftwood 3 SE Mt Gaynor	10	2030CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded several roads in around Driftwood including RM 12.								
Bexar County 4 SW Woodlawn Lake 1 NW Alamo Hgts	10	2048CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded seven roads in and around San Antonio.								
Travis County 3 N Austin Mabry North Oaks	10	2230CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded several roads in Austin.								
Bexar County 1 SE Hollywood Park 2 SSW Kirby	10	2232CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded 17 roads in and around San Antonio.								
Bastrop County 4 ESE Bastrop 4 NE Hills Prairie	10	2253CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded a home on Pine Hill Loop in Bastrop.								
Bexar County 1 N (SAT)San Antonio Int 2 S Kirby	11	0000CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded several roads in and around San Antonio.								
Hays County 3 SSE Driftwood	11	0200CST			0	0	0.00K	0.00K	Flash Flood
	Thunderstorms produced heavy rain that flooded low water crossings closing several roads around Driftwood.								
Bexar County 2 N Fratt	11	1838CST			0	0	0.00K	0.00K	Hail (1.00)
Bexar County 1 NW (SAT)San Antonio Int	11	1852CST			0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
	Note: The measured wind gust of 50 knots is equivalent to 58 mph.								
Bexar County 2 NNE Robards	11	1855CST			0	0	0.00K	0.00K	Hail (1.00)
	An upper level area of low pressure moved across Texas and caused widespread thunderstorms. These storms produced damaging winds, large hail, and heavy rain that resulted in flash flooding.								
Val Verde County 10 W Comstock	14	0255CST			0	0	1.00K	0.00K	Thunderstorm Wind (43EG)
	A thunderstorm produced wind gusts estimated at 50 mph that tore off a four inch diameter branch from a healthy Palo Verde tree at Seminole Canyon State Park.								
	A short wave trough moved around an upper level area of low pressure and caused a mesoscale convective system in West Texas that moved into Val Verde County where it produced damaging wind. Note: The estimated wind gust of 43 knots is equivalent to 49 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
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TEXAS, South Central

Wilson County 1 N La Vernia

31	1320CST				0	0	0.00K	0.00K	Hail (0.75)
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A weak cold front moved through South Central Texas and caused a thunderstorm that produced sub-severe size hail.

TEXAS, South Panhandle

TXZ021>024-027> 044

Bailey - Briscoe - Castro - Cochran - Cottle - Crosby - Dickens - Floyd - Garza - Hale - Hockley - Kent - King - Lamb - Lubbock - Lynn - Motley - Parmer - Stonewall - Swisher - Terry - Yoakum

01	0000CST				0	0	0.00K	5.0M	Drought
31	2359CST				0	0	0.00K	5.0M	Drought

Overall drought conditions were reduced through the month of May. A few small areas of exceptional (D4) drought existed over the central South Plains and Rolling Plains with values ranging from moderate (D1) to extreme (D3) elsewhere. By the end of the month, Hall County was included in D1 conditions along with Childress County. Temperatures were generally above normal with more mixed results regarding precipitation.

The first half of the month began wet and cool but this quickly changed during the second half of the month. Several maximum temperature records were set toward the end of the month. May ended above normal in terms of temperatures but was not as extreme as observed temperatures in April. Lubbock and Childress were 3.4 and 5.3 degrees above normal compared to average temperatures, respectively. Beneficial rainfall early in the month increased the likelihood of a weakening drought but widespread rainfall was not observed during the second half of the month. Rainfall was generally scattered over the entire South Plains and Rolling Plains and most areas remained below normal for precipitation amounts. Some selected totals include 3.23 at Denver City, 3.20 at Dimmitt, 2.94 at Childress, 1.36 at Lubbock, and 0.56 at Abernathy. Keetch-Byram Drought Index values were highest over the southeast panhandle at 600 to 700. The lowest values were observed over the southern Rolling Plains and ranged from 300-400. Elsewhere values ranged from 400 to 600.

The drought continued to ease, meteorologically, but rainfall was still needed for water supply and agriculture needs. Additional rainfall was needed to deepen the soil moisture for farmers with irrigation not sufficient enough to provide all of the water needs for crops. Winter wheat had all been harvested early with generally low yields. Several days of high based thunderstorms with little rain but strong winds led to several small grass fires near the end of the month. Economic losses due to drought through May since the drought began were estimated near \$2.4 billion.

Kent County 5 W Girard

02	1835CST				0	0	0.00K	0.00K	Hail (1.75)
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The public estimated golfball size hail 5W Girard. No damage was reported.

A few high-based thunderstorms developed along the dryline in the southern Rolling Plains early this evening. One storm became severe and produced large hail in northern Kent County.

Stonewall County 1 SE Aspermont

03	1825CST				0	0	0.00K	0.00K	Hail (1.75)
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Law enforcement in Aspermont estimated golfball size hail. No damage was reported.

Early this evening, a cluster of thunderstorms developed in eastern Stonewall County along a dryline. Strong instability and turning winds with height allowed one of these storms to quickly become a supercell over Aspermont where large hail was observed. This supercell later split with the right mover tracking east and the left mover passing over northeast Stonewall and southeast King Counties. While likely still dropping large hail, no further reports of severe weather were received with these storms due to the sparse population density.

Terry County Meadow

11	1320CST				0	0	0.00K	0.00K	Funnel Cloud
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The Brownfield Emergency Manager relayed a report of a funnel cloud near Meadow.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, South Panhandle

Terry County Brownfield

11	1320CST				0	0	0.00K	0.00K	Funnel Cloud
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The Brownfield Emergency Manager relayed several reports of funnel clouds in the Brownfield area.

Lynn County 9 E Wilson

11	1402CST				0	0	0.00K	0.00K	Funnel Cloud
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A funnel cloud was reported along the Lynn and Garza County line east of Wilson.

Lubbock County 7 S Wolfforth

11	1428CST				0	0	0.00K	0.00K	Funnel Cloud
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A resident observed and photographed a tall funnel cloud near Farm to Market 179 and Farm to Market 41 in extreme southwest Lubbock County. There was no evidence the funnel became tornadic.



A tall funnel cloud looms over extreme southwest Lubbock County. Photo courtesy KCBD news.

Hale County 6 W Petersburg

11	1510CST				0	0	0.00K	0.00K	Funnel Cloud
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A funnel cloud was observed and photographed west of Petersburg.

A slow-moving upper low moved northeast from the Permian Basin into Northwest Texas this afternoon. Although surface temperatures were unseasonably cool, relatively cold air aloft with this low resulted in scattered to numerous showers by early afternoon; some of which produced funnel clouds over the southern South Plains. Numerous photos of these funnels were taken by area residents with no definitive evidence of any becoming tornadic.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, South Panhandle



One of several cold air funnels observed throughout the southern South Plains on the afternoon of May 11. This funnel occurred west of Petersburg. Photo courtesy KCBD news.

TXZ028

Lamb

17	1920CST				0	0	0.00K	0.00K	High Wind
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Isolated thunderstorms developed in association with an upper level short wave that moved across the region during the afternoon and evening of the 17th. A wake low developed with one of these thunderstorms and produced a wind gust to 69 mph at a Texas Tech University West Texas mesonet site one mile northeast of Amherst (Lamb County). No damage was reported.

King County 4 SSE Guthrie

20	1653CST 1700CST				0	0	0.00K	0.00K	Hail (2.50)
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A storm chaser reported a swath of tennis ball size hail along U.S. Highway 83 south of Guthrie. No damage was reported.

On the morning of the 20th, a cold front stalled out across the southern South Plains and Rolling Plains. During the evening, an isolated supercell developed along this boundary over central King County and slowly moved east. During its lifetime, this storm produced hail up to the size of tennis balls along U.S. Highway 83 south of Guthrie.



Tennis ball size hail observed along U.S. Highway 83 south of Guthrie. Photograph taken by Markus Pfister.

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TEXAS, South Panhandle

TXZ029

Hale

25 1540CST 0 0 0.00K 0.00K High Wind
 An upper level trough moved northeast over the South Plains this afternoon and combined with mid-level moisture and instability to produce extensive virga over the region. Some of this virga produced a severe wind gust to 60 mph in southeast Hale County.

TXZ034

Hockley

27 0035CST 0 0 0.00K 0.00K High Wind
 A small band of showers began decaying in the extreme southwest South Plains shortly after midnight CST. High winds from a developing wake low proceeded to spread north and a few Texas Tech Mesonet stations recorded sustained winds of 40 mph for up to 15 minutes in duration. During this time, a mesonet station in southwest Hockley County recorded a wind gust to 65 mph.

Hall County 3 ESE Eli

30 1525CST 0 0 15.00K 0.00K Thunderstorm Wind (70EG)

Law enforcement reported thunderstorm wind damage in and near the community of Plaska. Reports consisted of damage to barns, downed power lines, a few trailers blown over, and a roof removed from a home. A NWS storm survey was unable to reach this area to determine the full extent of damage, however a storm chaser in the area did report frequent inflow wind gusts to at least 60 mph into a nearby supercell thunderstorm. It is unclear if the damage was the result of inflow or outflow winds, or a combination thereof. Property damage was estimated to be around \$15 thousand.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.



A home in Plaska had its roof removed by intense straight-line winds associated with a supercell. Photo courtesy KFDA news.

Hall County 3 NW Newlin

30 1536CST 0 0 0.00K 0.00K Hail (2.00)

A storm chaser estimated hen egg size hail 5NNW Estelline. No damage was reported.

Childress County 3 ESE Tell

30 1553CST 0 0 0.00K 0.00K Hail (0.88)

An NWS employee estimated nickel size hail 6SW Childress falling from a supercell in northwest Cottle County. No damage occurred.

Hall County 1 S Estelline

30 1620CST 0 0 0.00K 0.00K Hail (1.75)

Law enforcement estimated golfball size hail on US Highway 287 near the Hall and Childress County line. No damage was reported.

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TEXAS, South Panhandle

Cottle County

**4 N Dunlap
4 WSW Ogden**

30	1622CST 1658CST				0	0	0.40K		Hail (4.50)
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A hailswath occurred from 8N Paducah to about 6NE Paducah. Large and even giant hail to the size of softballs was witnessed by Paducah fire department personnel and an off-duty NWS employee. These giant hailstones fell about 50 feet apart from each thereby limiting the extent of damage. However, one motorist, while stopping to change a flat tire north of Paducah, reported damage after a hailstone of at least tennis ball size cracked their windshield.



Left: A hailstone of at least 2.5 inches in diameter cracked a motorist's windshield north of Paducah. Right: A 3.5 inch diameter hailstone that fell near Paducah. Photos courtesy of KFDA News.

Childress County

3 SSE (CDS)Childress Arpt

30	1642CST				0	0	0.00K	0.00K	Hail (1.00)
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The Childress Emergency Manager relayed a report of quarter size hail at the prison 3SW of Childress. No damage was reported.

Cottle County

**5 NE Paducah Richards Arp
2 SSW Paducah**

30	1655CST 1656CST				0	0	500.00K	0.00K	Thunderstorm Wind (78EG)
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Destructive straight-line winds spread south-southwest in the rear flank downdraft of a supercell creating scattered to widespread damage in and around the city of Paducah. These winds caused a swath of damage to trees, power lines, homes, vehicles, and other buildings from about 4NE Paducah southwest to the south side of the city. An NWS storm survey indicated winds up to 100 mph partially swept away a multi-car garage and overturned one car in the process. Three other vehicles inside suffered various degrees of damage. Sheet metal from the garage was found to be blown southwest nearly 300 yards from its origin. On the north side of Paducah, a portion of a large warehouse collapsed from straight line winds of similar intensity. Several vehicles in Paducah had windows blown out by airborne gravel and other small debris. Fortunately, no injuries were reported as residents received ample warning to seek shelter.

Note: The estimated wind gust of 78 knots is equivalent to 90 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, South Panhandle



A portion of a warehouse on the north side of Paducah was heavily damaged by straight-line winds in the rear flank downdraft of an intense supercell. Photo courtesy of Kendall Stanaland.

Cottle County

1 SSW Paducah Richards Arp	30	1655CST	0.69	30	0	0	0.00K	0.00K	Tornado (EF0)
		1658CST							

An off-duty NWS employee observed a non-mesocyclonic tornado attached to the flanking line of a supercell. The tornado was a cylindrical column of dirt and moved slowly SSW over an open field causing no damage.



The first of four weak, non-mesocyclonic tornadoes that occurred south-southeast of Paducah. Photo courtesy Matt Ziebell.

Cottle County

1 S Paducah Richards Arp	30	1659CST	0.38	30	0	0	0.00K	0.00K	Tornado (EF0)
		1702CST							

An off-duty NWS employee observed a second non-mesocyclonic tornado under the flanking line of a supercell. The tornado was a cylindrical column of dirt and moved slowly SSW over an open field causing no damage.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, South Panhandle



The second of four weak, non-mesocyclonic tornadoes that occurred south-southeast of Paducah. Photo courtesy Matt Ziebell.

Cottle County

1 S Paducah Richards Arp

30	1700CST 1702CST	0.32	20	0	0	0.00K	0.00K	Tornado (EF0)
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An off-duty NWS employee observed a third non-mesocyclonic tornado attached to the flanking line of a supercell. The tornado was a cylindrical column of dirt and moved slowly south over an open field causing no damage.



The third of four weak, non-mesocyclonic tornadoes that occurred south-southeast of Paducah. Photo courtesy Matt Ziebell.

Cottle County

4 S Paducah

30	1713CST 1715CST	0.56	30	0	0	0.00K	0.00K	Tornado (EF0)
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Multiple storm chasers including two off-duty NWS employees observed a non-mesocyclonic rope tornado about four miles south-southeast of Paducah. The tornado remained over open land and caused no known damage.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, South Panhandle



The fourth non-mesocyclonic tornado located about four miles south-southeast of Paducah. Photo courtesy Bruce Haynie.

Cottle County 3 NNE Narcisso

30	1814CST 1817CST	4.77	200	0	0	0.00K	0.00K	Tornado (EF0)
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An off-duty NWS employee documented a partially rain-wrapped tornado move south-southeast over US Highway 70 about 9W Paducah. The initially large cone tornado was largely obscured in rain curtains before later emerging and shrinking in girth. Aside from crossing the highway, the tornado remained over open land. A NWS storm survey the following day revealed no damage.



EF0 tornado about 9W Paducah shortly after crossing Highway 70. Photo courtesy of Matt Ziebell.

Cottle County 7 SSE Narcisso

30	1815CST			0	0	0.00K	0.00K	Thunderstorm Wind (65MG)
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A Texas Tech University West Texas Mesonet station located 10SW Paducah measured periodic severe wind gusts throughout a 20-minute period as a supercell storm moved over the site. The following observations indicate severe winds initially in the inflow sector of the supercell before transitioning to rear flank downdraft winds:

615 PM: East at 40 MPH, Gust to 59 MPH / 620 PM: East at 43 MPH, Gust to 59 MPH / 630 PM: Northwest at 39 MPH, Gust to 75 MPH / 635 PM: North-Northwest at 51 MPH, Gust to 70 MPH.

Note: The measured wind gust of 65 knots is equivalent to 75 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, South Panhandle

Cottle County 5 W Paducah

30	1820CST 1832CST				0	0	0.00K	0.00K	Hail (4.50)
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The Paducah Fire Department estimated a swath of baseball to softball size hail from 5W Paducah to 10S Paducah. No reports of damage were received.

King County 1 ESE Grow 16 E Guthrie

30	1843CST 1919CST				0	0	0.00K		Hail (2.75)
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A right-moving supercell produced a swath of large hail at times as large as baseballs from Grow southeast to 15E Guthrie along US Highway 82. The largest hail was estimated by a NWS Cooperative Observer in Grow; however, no reports of damage were received with this hailswath.

King County 1 NE Guthrie

30	1855CST 1857CST				0	0	20.00K	0.00K	Hail (2.75)
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Storm chasers in Guthrie documented large hail that grew to baseball size over the course of about two minutes as a mesocyclone tracked just north and east of the city. Although some of this hail did damage building roofs and vehicles, the majority of the damage in the city was caused by destructive straight-line winds that developed shortly after the hail ended.

King County Guthrie

30	1857CST 1900CST				0	0	350.00K	0.00K	Thunderstorm Wind (78EG)
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Multiple storm chasers reported scattered to widespread wind damage in the city of Guthrie from intense rear flank downdraft winds estimated near 90 mph. Several roofs in the city suffered various degrees of damage, with at least one roof partially blown off. A large equipment garage had several bay doors blown out. The intense winds developed shortly after large hail up to baseball size ceased falling. Many large tree limbs were broken in and around the city. Conservative property damage estimates may exceed \$350 thousand.

Very strong instability and ample wind shear created a volatile airmass in the eastern Panhandle and Rolling Plains on the afternoon and evening of the 30th. A weak surface low moved into the northeast South Plains early in the afternoon and enhanced lift along a sharp dryline and residual outflow boundary. By mid-afternoon, a pair of thunderstorms erupted in Hall and Motley Counties and quickly became supercells while moving to the east and southeast. These storms produced very large and even giant hail at times and were accompanied by intense inflow and outflow wind gusts at or above 60 mph.

The second of these supercells produced several gustnadoes and at least four weak, non-mesocyclonic tornadoes under its flanking line as it moved through central Cottle County. However, all of the damage in and around the Paducah area was attributed to ferocious winds in the rear flank downdraft (RFD) of this supercell. Although NWS radars from both Lubbock, TX and Frederick, OK indicated a high probability of a significant tornado in far eastern Cottle County from this same storm, a NWS storm survey found no such evidence despite a large tornado having occurred a short while later in nearby western Foard County.

By early evening, a third supercell developed northwest of Paducah and tracked south-southeast into King County. This storm produced a weak tornado about nine miles west of Paducah that moved over open land before crossing Highway 70 and dissipating. While in King County, this supercell produced scattered to widespread structural and tree damage in Guthrie from intense RFD winds estimated to be at least 80 mph. Note: The estimated wind gust of 78 knots is equivalent to 90 mph.

TEXAS, West

TXZ258

Guadalupe Mountains of Culberson County

05	1151MST 1351MST				0	0	0.00K	0.00K	High Wind
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An upper trough passing by to the north of the region resulted in high winds in the Guadalupe Mountains.

Glasscock County 12 SE Garden City

07	1230CST 1235CST				0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, West									
Culberson County									
Pine Spgs	07	1435CST 1440CST			0	0			Hail (1.00)
Terrell County									
33 NNE Dryden	07	1712CST 1717CST			0	0			Hail (0.88)
Terrell County									
27 NE Dryden	07	1715CST			0	0			Thunderstorm Wind (52EG)
<p>A severe thunderstorm moved through Terrell County and produced 60 mph winds and nickel sized hail 27 miles northeast of Dryden. The power was knocked out at the Terrell Gas Plant due to the winds.</p> <p>Note: The estimated wind gust of 52 knots is equivalent to 60 mph.</p>									
Terrell County									
41 NNE Dryden	07	1720CST 1725CST			0	0			Hail (1.00)
Gaines County									
22 W Seminole	07	1917CST 1918CST			0	0	6.00K		Thunderstorm Wind (61EG)
<p>A thunderstorm moved over Gaines County and produced a 70 mph wind gust 22 miles west of Seminole. These winds damaged a roof and uprooted a two foot diameter tree. The cost of damage is a rough estimate.</p> <p>Note: The estimated wind gust of 61 knots is equivalent to 70 mph.</p>									
Gaines County									
34 SW Seagraves	07	1926CST 1931CST			0	0			Hail (1.75)
Gaines County									
Seminole	07	1957CST 2002CST			0	0			Hail (1.00)
Gaines County									
16 SW Seminole	07	2001CST 2006CST			0	0			Hail (1.00)
Gaines County									
1 NW Seagraves	07	2015CST 2145CST			0	0	0.00K	0.00K	Flash Flood
<p>A thunderstorm with heavy rain moved across Gaines County and produced significant street flooding in Seagraves. No information about the flooding was given, so the cost of damage is assumed to be zero.</p>									
Gaines County									
Seminole	07	2015CST 2045CST			0	0			Hail (1.00)
Gaines County									
Seminole	07	2015CST 2020CST			0	0			Hail (1.75)

There was an upper level low across the Southwest United States with a cold front just south of the Trans Pecos. Shortwave troughs rotated around this upper low which provided an additional source of lift across West Texas and southeast New Mexico. In addition to the lift, there was good instability due to daytime heating and low level moisture. This resulted in severe thunderstorms across West Texas and southeast New Mexico with large hail and strong winds.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, West

Presidio County

Shafter

08	1705CST 1710CST				0	0	20.00K		Hail (1.75)
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A severe thunderstorm developed in Presidio County and produced golfball sized hail in Shafter. The hail resulted in five pickup truck windshields being destroyed and several homes with broken windows. The cost of the damage is a very rough estimate.

An upper level low had moved east with a surface ridge present across most of West Texas except the higher terrain. In the Davis Mountains, instability was present due to a lack of cloud cover, and converging winds had contributed to upslope flow. This instability and lift resulted in thunderstorms that produced severe hail.

Howard County

1 ENE Big Spring

10	0630CST 0745CST				0	0	0.00K	0.00K	Flash Flood
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A thunderstorm with heavy rain moved over Howard County and produced flash flooding in Big Spring. East Sixth Street in Big Spring was under about three feet of water in some places. No reports of damage were received, so the damage estimate is assumed to be zero.

Pecos County

1 W Iraan

10	0655CST 0755CST				0	0	0.00K	0.00K	Flash Flood
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A thunderstorm with heavy rain moved over Pecos County and produced flash flooding in Iraan. One and a half feet of running water was reported at Tenth and Eleventh Streets in Iraan. No reports of damage were received, so the damage cost will be estimated at zero.

Ector County

6 ENE Odessa

6 ESE Odessa Ector Co Arpt

10	0717CST 0817CST				0	0	0.00K	0.00K	Flash Flood
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A thunderstorm that produced heavy rain moved over Ector County and produced flash flooding on the east side of Odessa. Two feet of moving water was reported along Highway 80 and Country Club Road in Odessa. The cost of damage is estimated at zero dollars since no damage was reported.

Midland County

1 WNW Midland

10	0732CST 0840CST				0	0	1.00K	0.00K	Flash Flood
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A thunderstorm with heavy rain moved over Midland County and produced flash flooding in Midland. A woman was reported to be trapped in her car on the corner of Princeton and Garfield Streets in Midland. The cost of damage took into account the cost of the flooded car.

Midland County

1 NNE Midland

10	0737CST 0840CST				0	0	0.00K	0.00K	Flash Flood
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A thunderstorm with heavy rain moved over Midland County and produced flash flooding in Midland. There was flash flooding reported at Scharbauer and Lamesa Road in Midland. The damage cost is assumed to be zero since no damage was reported.

Midland County

4 WNW Midland

10	0936CST 1040CST				0	0	0.00K	0.00K	Flash Flood
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A thunderstorm with heavy rain moved over Midland County and produced flash flooding in Midland. Fast moving water was reported on Midland Drive and Frontage Road in Midland, and the road was blocked off for an unknown period of time. No reports of damage were given, so the damage cost is assumed to be zero dollars.

Scurry County

1 N Winston

Snyder

10	1614CST 1714CST				0	0	0.00K	0.00K	Flash Flood
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A thunderstorm with heavy rain moved over Scurry County and produced flash flooding in Snyder. A few intersections in Snyder were closed due to flooding. The damage cost is assumed to be zero since no damage was reported.

Storm Data and Unusual Weather Phenomena

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TEXAS, West

An upper level low moved into West Texas from Mexico. This low provided strong lift with cold air aloft and plenty of moisture contributing to heavy convective rainfall. Since the upper low was slow to move out of the area, areas across West Texas received a lot of rain in a short amount of time which resulted in flash flooding.

Reeves County 2 SW Pecos

13	1915CST 1916CST				0	0			Thunderstorm Wind (62MG)
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A thunderstorm moved over Reeves County and produced a 71 mph wind gust two miles southwest of Pecos.

Note: The measured wind gust of 62 knots is equivalent to 71 mph.

Reeves County 2 SW Pecos

13	2215CST 2216CST				0	0			Thunderstorm Wind (62MG)
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A thunderstorm moved over Reeves County and produced a 71 mph wind gust two miles southwest of Pecos.

Note: The measured wind gust of 62 knots is equivalent to 71 mph.

Pecos County 2 NW Ft Stockton

13	2337CST 2338CST				0	0			Thunderstorm Wind (56MG)
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A thunderstorm moved over Pecos County and produced a 64 mph wind gust at the Fort Stockton ASOS.

Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Pecos County 2 NW Ft Stockton

13	2342CST 2343CST				0	0			Thunderstorm Wind (67MG)
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A thunderstorm moved over Pecos County and produced a 77 mph wind gust at the Fort Stockton ASOS.

Note: The measured wind gust of 67 knots is equivalent to 77 mph.

Pecos County 2 NW Ft Stockton

14	0017CST 0018CST				0	0			Thunderstorm Wind (52MG)
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A thunderstorm moved across Pecos County and produced a 60 mph wind gust at the Fort Stockton ASOS.

Note: The measured wind gust of 52 knots is equivalent to 60 mph.

Terrell County 5 W Dryden

14	0129CST 0130CST				0	0			Thunderstorm Wind (53MG)
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A thunderstorm moved across Terrell County and produced a 61 mph wind gust at the Dryden ASOS.

A surface ridge across central Texas resulted in southeast winds which allowed for a plentiful supply of moisture across West Texas and southeast New Mexico. A shortwave moved across the area providing a source of lift. This lift along with sufficient instability aided in severe thunderstorm development across West Texas. Note: The measured wind gust of 53 knots is equivalent to 61 mph.

Brewster County 23 N Panther Junction

14	1507CST 1512CST				0	0			Hail (1.00)
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Presidio County 25 NNE Presidio

14	1528CST 1533CST				0	0			Hail (1.00)
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					Killed	Injured	Property	Crops	
TEXAS, West									
Brewster County 3 SE Study Butte	14	1700CST 1705CST			0	0			Hail (1.00)
Brewster County 3 SE Study Butte	14	1700CST 1701CST			0	0			Thunderstorm Wind (61EG)
A thunderstorm moved over Brewster County and produced 70 mph winds three miles southeast of Study Butte.									
An upper level trough was to the west of the region with sufficient lift across West Texas. Good surface heating and a plentiful supply of moisture was present across the area which allowed for the atmosphere to become unstable. Severe thunderstorms developed across West Texas and produced hail and strong winds. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Brewster County 2 SW Marathon	22	1730CST 1735CST			0	0			Hail (1.75)
An upper ridge was in place over the Rocky Mountains with a trough moving across the Pacific Northwest. A dryline was present across the Permian Basin and the Davis Mountains, and instability was high across these areas.									
TXZ258									
Guadalupe Mountains of Culberson County									
	23	0851MST							
	24	1151MST			0	0	0.00K	0.00K	High Wind
Increased mid level westerly winds at the base of an upper trough which passed through the northern Rocky Mountains resulted in high winds in the Guadalupe Mountains.									
Brewster County 7 SE Alpine	26	1727CST 1732CST			0	0			Hail (1.00)
An upper level trough was present across the Western United States with an area of surface low pressure across far West Texas and Southeast New Mexico. Sufficient instability and moisture were present across the area with a dryline across far West Texas. These conditions resulted in thunderstorm development across the dryline and the Davis Mountains.									
Pecos County Ft Stockton	27	1544CST 1549CST			0	0			Hail (1.75)
Pecos County Ft Stockton	27	1545CST 1550CST			0	0			Hail (2.00)
Pecos County Ft Stockton	27	1548CST 1553CST			0	0			Hail (1.00)
An upper level low was across the Northern Rocky Mountains with a surface low in the Central and Southern Plains. A dryline was present across the Permian Basin and Trans Pecos with plentiful moisture to the east of this feature. Lift and convergence along the dryline resulted in thunderstorm development across the Davis Mountains and the Trans Pecos.									
Brewster County 13 S Marathon	28	1439CST 1444CST			0	0			Hail (1.00)
Brewster County 14 S Marathon	28	1442CST 1447CST			0	0			Hail (2.50)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, West									
Borden County Gail	28	1558CST 1603CST			0	0			Hail (1.00)
Borden County Gail	28	1600CST 1605CST			0	0			Hail (1.75)
Borden County Gail	28	1605CST 1610CST			0	0			Hail (1.75)
Borden County Gail	28	1605CST 1606CST			0	0			Thunderstorm Wind (61EG)
A thunderstorm moved over Borden County and produced 60 to 70 mph wind gusts in Gail. No damage was reported with this storm.									
Note: The estimated wind gust of 61 knots is equivalent to 70 mph.									
Brewster County 7 NE Panther Junction	28	1621CST 1626CST			0	0			Hail (1.75)
Brewster County 7 NE Panther Junction	28	1621CST 1626CST			0	0			Hail (2.25)
Howard County 5 SW Vincent	28	1641CST 1646CST			0	0			Hail (1.75)
Brewster County 6 N Panther Junction	28	1645CST 1650CST			0	0			Hail (1.00)
Scurry County 5 W Snyder	28	1700CST 1705CST			0	0			Hail (1.75)
Mitchell County 8 W Westbrook	28	1710CST 1715CST			0	0			Hail (1.75)
Mitchell County 6 W Westbrook	28	1723CST 1728CST			0	0			Hail (2.50)
Mitchell County 2 W Westbrook	28	1738CST 1743CST			0	0			Hail (2.75)
Brewster County 3 NNW Terlingua	28	1755CST 1800CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, West

Mitchell County 3 WSW Westbrook	28	1805CST 1810CST			0	0			Hail (1.00)
Brewster County Study Butte	28	1807CST 1812CST			0	0			Hail (1.00)
Brewster County Terlingua	28	1823CST 1828CST			0	0			Hail (1.00)
Brewster County Study Butte	28	1827CST 1832CST			0	0			Hail (1.00)
Mitchell County 10 SE Colorado City	28	1827CST 1832CST			0	0			Hail (1.50)
Mitchell County Colorado City	28	1923CST 1928CST			0	0			Hail (1.75)
Mitchell County 10 SE Colorado City	28	1945CST 1950CST			0	0			Hail (1.00)
Mitchell County Colorado City	28	2040CST 2045CST			0	0			Hail (1.00)

A dryline was present across Southeast New Mexico and West Texas. Strong surface heating and good moisture contributed to an unstable atmosphere, and this resulted in severe storms across the Permian Basin, Low Rolling Plains, and Big Bend area.

Jeff Davis County 5 NE Ft Davis	31	1744CST 1749CST			0	0			Hail (2.75)
Jeff Davis County 12 SW Ft Davis	31	1833CST 1838CST			0	0			Hail (1.75)
Brewster County Alpine	31	1850CST 1855CST			0	0			Hail (1.00)

An upper level trough was positioned across Northern Mexico, and this feature provided lift across West Texas. A cold front had moved through the Davis Mountains during the morning hours and was located in Mexico. Heated terrain along with very moist conditions contributed to an unstable atmosphere. These conditions resulted in severe thunderstorms across the Davis Mountains.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Western North

TXZ083>089

Archer - Baylor - Foard - Hardeman - Knox - Wichita - Wilbarger

01	0000CST				0	0			Drought
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31
Little to no rain fell across western north Texas, which was already in a severe drought leading into the month. D2 to D3 drought conditions persisted through the month with worsening drought conditions through the month, leading to D4 classification in some counties.

Knox County

11 NW Knox City

03	2019CST				0	0	0.00K	0.00K	Hail (1.00)
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A weakening supercell thunderstorm produced marginally severe hail over Knox county. No other severe weather was reported.

Wichita County

2 ENE Burkburnett

04	1740CST				0	0	0.00K	0.00K	Hail (3.00)
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Wichita County

Burkburnett

04	1741CST				0	0	0.00K	0.00K	Hail (1.75)
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The hail was reported on I-44.

Clay County

6 SW Charlie

04	1755CST				0	0	0.00K	0.00K	Hail (1.75)
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The hail was reported 1 mile south of Thornberry.

Clay County

8 SW Petrolia

04	1805CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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No damage occurred with the wind gust.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Clay County

Petrolia

04	1810CST				0	0	0.00K	0.00K	Hail (1.00)
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Clay County

Byers

04	1818CST				0	0	0.00K	0.00K	Hail (0.88)
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A large supercell thunderstorm developed near a dry line that was located over western Oklahoma, and extended south into north Texas. Very large, damaging hail was reported, with many vehicles and buildings sustaining window damage. The supercell moved east-southeast, finally crossing the Red River north of Wichita Falls, TX.

Wilbarger County

6 NE Oklaunion

20	1526CST 1527CST				0	0			Hail (1.00)
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Wichita County

4 N Electra

20	1603CST 1604CST				0	0			Hail (1.00)
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Wichita County

Kamay

20	1650CST				0	0			Hail (1.00)
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A dryline swept across northern Texas during the late afternoon of May 20th. High instability combined with favorable winds aloft resulted in rapid severe thunderstorm development. Mainly large hail affected parts of Wilbarger, Wichita, and Greer counties in western north Texas.

Wilbarger County

8 S Vernon

28	1606CST				0	0			Hail (1.75)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Western North									
Wilbarger County 4 W Grayback	28	1612CST			0	0			Hail (2.00)
Wilbarger County 15 SSE Vernon	28	1615CST			0	0			Hail (1.50)
Wilbarger County Oklaunion	28	1625CST			0	0			Hail (1.25)
Wichita County Kamay	28	1720CST			0	0			Hail (1.00)
Archer County 7 W Holliday	28	1720CST			0	0			Thunderstorm Wind (50MG)
					Note: The measured wind gust of 50 knots is equivalent to 58 mph.				
Wichita County Kamay	28	1720CST			0	0	3.00K		Thunderstorm Wind (52EG)
					Several trees were downed.				
					Note: The estimated wind gust of 52 knots is equivalent to 60 mph.				
Knox County 3 E Gilliland	28	1731CST			0	0			Thunderstorm Wind (54MG)
					Note: The measured wind gust of 54 knots is equivalent to 62 mph.				
Baylor County 4 NW Seymour	28	1736CST			0	0			Hail (2.00)
Baylor County 3 NW Seymour	28	1740CST			0	0			Thunderstorm Wind (72MG)
					No damage was reported.				
					Note: The measured wind gust of 72 knots is equivalent to 83 mph.				
Baylor County 1 N Seymour	28	1750CST			0	0			Hail (1.00)
Archer County 4 WSW Mankins	28	1800CST			0	0			Hail (1.25)
Wichita County (SPS)Sheppard Afb	28	1800CST			0	0			Thunderstorm Wind (50MG)
					Note: The measured wind gust of 50 knots is equivalent to 58 mph.				
Archer County 2 W Archer City	28	1822CST			0	0			Thunderstorm Wind (53MG)
					Note: The measured wind gust of 53 knots is equivalent to 61 mph.				
Clay County Henrietta	28	1840CST			0	0	10.00K		Thunderstorm Wind (61EG)
					Local law enforcement reported several trees and power lines down in Henrietta. Monetary damages estimated.				
					Note: The estimated wind gust of 61 knots is equivalent to 70 mph.				
Wichita County (SPS)Sheppard Afb	28	1841CST			0	0			Thunderstorm Wind (52MG)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Western North

A potent mid-latitude storm system moved across the Northern Plains the afternoon of the 29th, bringing a potent cold front into western north Texas by mid afternoon. The front combined with strong afternoon instability and moderate to strong upper level westerly winds generated numerous severe thunderstorms across western north Texas. Numerous reports of large hail and damaging winds were received. Note: The measured wind gust of 52 knots is equivalent to 60 mph.

Wichita County 1 N Haynesville	29	1735CST			0	0			Hail (1.75)
Wichita County Electra	29	1805CST			0	0			Hail (1.50)
Wichita County Electra	29	1810CST			0	0			Hail (1.00)
Wichita County 1 S Burkburnett	29	1810CST			0	1	15.00K		Thunderstorm Wind (61EG)

A semi was blown off of Daniels road. The driver sustained minor injuries. Damages are estimated.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Wichita County 5 S Electra	29	1830CST			0	0			Hail (1.75)
Wichita County 6 S Electra	29	1835CST			0	0			Hail (2.75)
Wichita County Kadane Corner	29	1845CST			0	0			Hail (4.00)
Archer County 1 S Lake Kickapoo Dam	29	1959CST			0	0			Hail (1.75)
Archer County 1 S Lake Kickapoo Dam	29	2010CST			0	0			Hail (2.75)

No damage was reported.

Isolated supercells developed during the late afternoon along a dryline across western Texas. The storms drifted southward across Wichita and Archer counties delivering large hail and wind damage.

Foard County 15 WSW Crowell	30	1627CST 1630CST	2	400	0	0			Tornado (EF0)
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A storm chaser reported a large rain-wrapped tornado estimated to be about 10 miles northwest of Truscott. This tornado occurred in open country and no damage was reported. This tornado may have been a longer duration event, but the high-precipitation character of the storm and lack of damage likely prevented confirmation of the tornado through much of the tornado's life cycle.

Knox County 2 W Truscott	30	1727CST			0	0			Thunderstorm Wind (61EG)
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Observer reported 65 to 70 mph wind gusts. No damage was reported.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Western North

Knox County 2 W Truscott

30	1750CST				0	0			Thunderstorm Wind (61EG)
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Observer reported 60 to 70 mph wind gusts. No damage was reported.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Knox County 2 W Truscott

30	1824CST				0	0			Hail (2.75)
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No damage was reported.

Wichita County 1 SW (SPS)Sheppard Afb

30	1846CST				0	0			Thunderstorm Wind (50MG)
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Note: The measured wind gust of 50 knots is equivalent to 58 mph.

Baylor County 1 S Bomarton

30	1910CST				0	0			Hail (1.75)
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Baylor County 1 S Bomarton

30	1910CST				0	0			Thunderstorm Wind (52EG)
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Public estimated 60 mph winds. No damage was reported.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Baylor County 11 WSW Westover

30	1945CST				0	0			Hail (2.75)
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No damage was reported.

Knox County Knox City

30	1959CST				0	0			Hail (1.00)
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Baylor County 1 W Westover

30	2044CST				0	0			Hail (1.25)
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Baylor County 1 W Westover

30	2044CST				0	0			Thunderstorm Wind (52EG)
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Half dollar size hail was also reported along with the 60 mph wind gusts. No damage was reported.

Another active weather day occurred across north Texas as a surface low deepened across the Texas Panhandle. This drove a dryline into western north Texas during the late afternoon hours. Severe storms developed rapidly along and ahead of the dryline in a moist and unstable environment with upper level winds support of sustained supercell storms. Large hail and damaging winds were reported over the area along with at least one tornado. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

UTAH, West and Central

UTZ019

Utahs Dixie and Zion National Park

01	1500MST								
03	1800MST				0	2	0.00K	0.00K	Wildfire

A debris burn near Toquerville, Utah got out of control on May 1st, becoming a wildfire in rural Washington County.

UTZ005

Great Salt Lake Desert and Mountains/Wendover/Snowville

04	2105MST								
	2300MST				0	0	0.00K	0.00K	High Wind

A strong but dry cold front moved through northern Utah on the evening of May 4th, bringing gusty winds to Utah's northwest desert.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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UTAH, West and Central

Tooele County

16 ESE Gold Hill	15	1755MST			0	0	0.00K	0.00K	Thunderstorm Wind (53MG)
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The Causeway sensor in the Dugway Proving Ground mesonet recorded a wind gust of 61 mph.

Note: The measured wind gust of 53 knots is equivalent to 61 mph.

Garfield County

1 NNE (BCE) Bryce Canyon Ar	15	1830MST 1836MST			0	0	0.00K	0.00K	Thunderstorm Wind (61MG)
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The Bryce Canyon ASOS recorded a wind gust of 70 mph.

Note: The measured wind gust of 61 knots is equivalent to 70 mph.

Garfield County

1 NNE (BCE) Bryce Canyon Ar	15	2010MST 2015MST			0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
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The Bryce Canyon ASOS recorded a wind gust of 58 mph.

Note: The measured wind gust of 50 knots is equivalent to 58 mph.

Tooele County

16 ESE Gold Hill	15	2025MST			0	0	0.00K	0.00K	Thunderstorm Wind (65MG)
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The Causeway sensor in the Dugway Proving Ground mesonet recorded a wind gust of 75 mph.

Note: The measured wind gust of 65 knots is equivalent to 75 mph.

Tooele County

17 SSE Gold Hill	15	2110MST			0	0	0.00K	0.00K	Thunderstorm Wind (56MG)
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The Callao sensor in the Dugway Proving Ground mesonet recorded a wind gust of 64 mph.

Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Wasatch County

2 E Keetley	16	1220MST			0	0	0.00K	0.00K	Thunderstorm Wind (51MG)
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The SR-248 sensor recorded a wind gust of 59 mph.

Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Juab County

10 S Mills	17	1251MST			0	0	0.00K	0.00K	Thunderstorm Wind (51MG)
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The Sevier Reservoir RAWS recorded a maximum wind gust of 59 mph.

Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Sevier County

3 E Monroe	17	1408MST			0	0	0.00K	0.00K	Thunderstorm Wind (51MG)
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The Signal Peak RAWS recorded a maximum wind gust of 59 mph.

Note: The measured wind gust of 51 knots is equivalent to 59 mph.

Tooele County

8 SE (DPG) Michael Aaf Dug	17	1540MST			0	0	0.00K	0.00K	Thunderstorm Wind (52MG)
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The Durand Road sensor in the Dugway Proving Ground mesonet recorded a wind gust of 60 mph.

Note: The measured wind gust of 52 knots is equivalent to 60 mph.

UTZ011

Western Unita Basin

18	1240MST 1250MST			0	0	0.00K	0.00K	High Wind
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
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UTAH, West and Central

Iron County

3 ENE Parowan Arpt 18 1335MST 0 0 0.00K 0.00K Hail (0.75)

Dime-sized hail was reported in Paragonah.

Additional mid-level moisture moved into Utah in mid-May, helping to initiate Utah's first severe thunderstorms of 2012. In the first few days of the event, these were largely high-based thunderstorms producing gusty winds. A Pacific storm system then moved into the area on May 18th, primarily producing widespread rain in northern Utah. However, this storm also created strong downslope winds in the Uinta Basin, and helped to initiate thunderstorms in southern Utah capable of producing large hail.

UTZ003-016

Salt Lake and Toole Valleys - Southwest Utah/Cedar City/Milford

25 0915MST
26 1415MST 0 0 0.00K 0.00K High Wind

UTZ009-011-015

West Central Utah/Delta - Western Unita Basin - Western Unita Mountains

26 1158MST
1230MST 0 0 0.00K 0.00K High Wind

A strong Pacific storm system moved into Utah beginning on May 25th. This storm brought significantly colder weather to much of the state, and created strong gusty winds in both southern and northern Utah.

VERMONT, North and Central

Grand Isle County

1 NW Isle La Motte 16 1345EST 0 0 0.00K 0.00K Hail (0.75)

Penny size hail reported.

Addison County

1 E Basin Harbor 16 1420EST 0 0 5.00K 0.00K Thunderstorm Wind (50EG)

Several large tree limbs down in the Basin Harbor vicinity.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Addison County

1 S Ferrisburg 16 1430EST 0 0 0.00K 0.00K Hail (0.88)

Nickel size hail reported.

Caledonia County

Hardwick 16 1448EST 0 0 0.00K 0.00K Hail (0.75)

Penny size hail reported.

Addison County

2 W Starksboro 16 1510EST 0 0 0.00K 0.00K Hail (0.88)

Nickel size hail reported.

Chittenden County

1 N Charlotte 16 1540EST 0 0 0.00K 0.00K Hail (0.75)

Penny size hail reported.

Chittenden County

1 NW Williston 16 1555EST 0 0 0.00K 0.00K Hail (1.00)

Quarter size hail reported by State Police and public.

Caledonia County

Lyndonville 16 1730EST 0 0 0.00K 0.00K Hail (0.75)

Penny size hail reported.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
VERMONT, North and Central									
Windsor County Andover	16	1806EST			0	0	0.00K	0.00K	Hail (0.75)
									Penny size hail reported. A cold front and mid-atmospheric disturbance moved across Vermont during the afternoon of May 16th. Scattered thunderstorms developed with a few of them containing hail up to one inch in diameter.
Windsor County 1 SE Riverside	28	2308EST			0	0	0.00K	0.00K	Hail (1.25)
									Half dollar size hail reported.
Windsor County 1 S East Barnard	28	2330EST			0	0	5.00K	0.00K	Hail (1.75)
									Golf ball size hail reported.
Windsor County Sharon	28	2340EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									State police reported large tree and several other branches down on Howe Hill road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Orange County 1 N East Brookfield	29	0020EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Trees down on Route 65. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Washington County East Montpelier Cent	29	0030EST			0	0	0.00K	0.00K	Hail (1.50)
									Ping pong to golf ball size hail reported.
Washington County 1 N North Montpelier	29	0040EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail reported.
Washington County 1 NW Cabot	29	0652EST 0700EST			0	0	150.00K	0.00K	Lightning
									Three house fires caused by lightning strikes in Barre, East Montpelier and Cabot/Marshfield.
Grand Isle County Alburg Center	29	1233EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail reported and covering the ground.
Franklin County Swanton	29	1237EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size and smaller covering the ground.
Franklin County Enosburg Falls	29	1253EST			0	0	0.00K	0.00K	Hail (0.75)
									Penny size hail reported.
Franklin County 1 NE Highgate	29	1313EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail reported as well as covering the ground.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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VERMONT, North and Central

**Franklin County
Sheldon**

29	1315EST				0	0	0.00K	0.00K	Hail (1.25)
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Slightly larger than quarter, possibly half dollar size and smaller covering the ground.

**Rutland County
1 SE Benson**

29	1324EST				0	0	0.00K	0.00K	Hail (1.25)
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Half dollar sized hail reported.

**Franklin County
Enosburg Falls**

29	1331EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail reported.

**Addison County
1 SE Cornwall**

29	1332EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny size hail reported.

**Addison County
Middlebury**

29	1344EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail reported.

**Franklin County
2 WNW Enosburg Falls**

29	1345EST 1347EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail reported as well as covering the ground.

**Lamoille County
1 NE Eden**

29	1400EST 1401EST				0	0	0.00K	0.00K	Hail (1.00)
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At least quarter size hail and strong winds.

**Orleans County
Lowell**

29	1405EST 1406EST				0	0	0.00K	0.00K	Hail (1.25)
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Quarter to half dollar size hail reported.

**Orleans County
Albany**

29	1415EST 1416EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail and some downed branches.

**Washington County
1 NE Montpelier**

29	1420EST 1422EST				0	0	25.00K	0.00K	Lightning
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Lightning struck a building with some structural damage.

**Orleans County
2 ENE South Albany**

29	1425EST 1426EST	0.27	100		0	0	10.00K	0.00K	Tornado (EF0)
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Tornado touched down near a private residence on Beach Hill road and tracked eastward for approximately 1/3 mile. Maximum width was 100 yards. Damage was limited to a chimney of the private residence and approximately 45 trees.

**Addison County
1 E Cream Hill**

29	1428EST				0	0	0.00K	0.00K	Hail (0.75)
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Penny size hail reported.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
VERMONT, North and Central									
Orleans County 1 E Mill Vlg	29	1430EST			0	0	5.00K	0.00K	Hail (1.75)
									Golf ball size hail reported.
Chittenden County 1 S Checkerberry	29	1430EST			0	0	25.00K	0.00K	Thunderstorm Wind (55EG)
									Numerous trees down along Route 7 and West Milton roads along with some structural damage.
									Note: The estimated wind gust of 55 knots is equivalent to 63 mph.
Grand Isle County Grand Isle	29	1437EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									Several trees down on Adams School road.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Chittenden County 2 E Champlain Arpt	29	1438EST			0	0	0.00K	0.00K	Hail (0.75)
									Penny size hail reported.
Franklin County 1 SE East Franklin	29	1440EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail reported.
Addison County 1 S Shoreham	29	1445EST			0	0	0.00K	0.00K	Hail (1.25)
									Half dollar size hail reported.
Orleans County West Glover	29	1445EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail on Bear Claw road.
Chittenden County 1 S Checkerberry	29	1445EST			0	0	5.00K	0.00K	Lightning
									Lightning struck and split 5 trees.
Orleans County West Glover	29	1445EST			0	0	5.00K	0.00K	Thunderstorm Wind (50EG)
									A large 2 foot diameter Maple tree downed by thunderstorm winds.
									Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Chittenden County 1 N Colchester	29	1452EST			0	0	0.00K	0.00K	Hail (0.75)
									Penny size hail reported.
Addison County 1 SSE Shoreham	29	1506EST 1800EST			0	0	25.00K	0.00K	Flash Flood
									Portions of Route 22A were inundated by flash flooding.
Windsor County Bethel	29	1509EST			0	0	0.00K	0.00K	Hail (1.75)
									Golf ball size hail reported.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
VERMONT, North and Central									
Addison County Cornwall	29	1510EST 1800EST			0	0	75.00K	0.00K	Flash Flood
									Numerous local roads were closed by flash flooding in Cornwall.
Windsor County Bethel	29	1511EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail reported.
Windsor County South Royalton	29	1518EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail reported.
Lamoille County 1 NNE Belvidere Center	29	1533EST 1930EST			0	0	50.00K	0.00K	Flash Flood
									A portion of one lane of Route 109 in Belvidere was washed out by flash flooding.
Addison County Ripton 1 NNE Bread Loaf	29	1539EST 1800EST			0	0	25.00K	0.00K	Flash Flood
									A portion of Route 125 was closed by flash flooding in Ripton between Ripton and Hancock village centers.
Windsor County 1 S Springfield	29	1542EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail reported.
Addison County 1 NW Ripton	29	1557EST 1800EST			0	0	25.00K	0.00K	Flash Flood
									North Branch Road in Ripton near the intersection of Dugway Road was closed by flash flooding.
Rutland County North Clarendon	29	1600EST			0	0	0.00K	0.00K	Hail (1.00)
									Quarter size hail reported.
Rutland County 1 E Ira	29	1616EST			0	0	25.00K	0.00K	Thunderstorm Wind (55EG)
									Widespread tree damage and some light structural damage. Note: The estimated wind gust of 55 knots is equivalent to 63 mph.
Rutland County 1 E Ira	29	1618EST			0	0	0.00K	0.00K	Hail (1.50)
									Hail ranging from ping-pong to just shy of golf ball size.
Orleans County Glover	29	1630EST 1930EST			0	0	50.00K	0.00K	Flash Flood
									Dexter Mountain Road was damaged by flash flood runoff east of Glover Village.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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VERMONT, North and Central

Orleans County 2 S Westmore

29	1630EST 1900EST				0	0	25.00K	0.00K	Flash Flood
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Flash flooding caused rocks and debris to wash on to Route 5A along Lake Willoughby.

Orleans County 3 SSW Lowell

29	1630EST 1930EST				0	0	500.00K	0.00K	Flash Flood
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Flash flooding along East Branch and Burgess Branch, tributaries to the Missisquoi River, caused damage along Mink Farm Road, Route 100, and Route 58 in Lowell. Several parked cars were moved around by the water. Portions of Mink Farm Road and Route 100 were washed out by flood waters.



Flash flooding damaged vehicles and other personal property along Mink Farm Road in Lowell VT. Photo credit: National Weather Service.

Rutland County 1 S Rutland

29	1630EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel size hail and estimated 30 to 40 mph wind gusts.

Rutland County 2 SE Rutland

29	1632EST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel size hail and strong winds.

Windsor County 1 SE Chester

29	1655EST				0	0	0.00K	0.00K	Thunderstorm Wind (50MG)
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Estimated wind gust of 50 knots along with several large tree limbs downed.

Note: The measured wind gust of 50 knots is equivalent to 58 mph.

Lamoille County 1 NNE Belvidere Jct

29	1700EST 1900EST				0	0	100.00K	0.00K	Flash Flood
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Back Road in Belvidere was washed out by Flash Flooding. Some sections were scoured to a depth of five to six feet down to bedrock.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

VERMONT, North and Central



Back Road in Belvidere Vermont was washed out by Flash Flooding on May 29 2012. Photo by Paul Tamasi, used with permission.

Lamoille County Eden Mills

29	1745EST				0	0	50.00K	0.00K	Flash Flood
	1930EST								

Route 100 was inundated at the Boy Scout Camp Road near Lake Eden.

A warm front moved across Vermont during the morning hours of May 29th, which lead to numerous thunderstorms with heavy rain, damaging lightning and some isolated large hail and strong winds. Some of these thunderstorms deposited up to 2 inches of rainfall in portions of north-central and northeast Vermont.

A warm, humid and unstable air mass was draped across the region in the afternoon with an approaching cold front from Ontario, Canada. Numerous thunderstorms developed ahead of the cold front during the afternoon crossing New York into Vermont. There were numerous reports of hail greater than an inch in diameter, damaging winds, along with a confirmed EF0 tornado in West Glover VT.

Some of these storms trained across the same areas, including those that witnessed nearly two inches of rain earlier in the day. The end result was flash flooding in portions of north-central, northeast Vermont and Addison county with radar estimated storm total rainfall of 3 to 5 inches.

VERMONT, South

Windham County Bellows Falls

29	1430EST				0	0			Hail (2.00)
	1440EST								

Hen egg sized hail was reported during a thunderstorm in Bellows Falls.

Windham County Bellows Falls

29	1440EST				0	0			Hail (1.75)
	1445EST								

Golf ball sized hail was reported during a thunderstorm in Bellows Falls.

Windham County 1 NE Bellows Falls

29	1445EST				0	0			Hail (1.75)
	1448EST								

Golf ball sized hail was reported during a thunderstorm in Bellows Falls.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
VERMONT, South									
Windham County 1 ESE Westminster	29	1545EST			0	0			Hail (1.75)
	Golf ball sized hail was reported during a thunderstorm in Westminster.								
Bennington County Dorset	29	1620EST			0	0			Thunderstorm Wind (52EG)
	Four trees were reported down and blocking a road in the village of Dorset due to strong thunderstorm winds.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								
Windham County 1 ESE Westminster	29	1732EST 1735EST			0	0			Hail (1.00)
	Quarter sized hail was reported during a thunderstorm in Westminster.								
Windham County Putney Station	29	1735EST 1739EST			0	0			Hail (1.00)
	Quarter sized hail was reported during a thunderstorm in Putney.								
	A warm and very humid air mass was in place across southern Vermont. As a strong cold front approached, severe thunderstorms developed across much of the region. Strong thunderstorm updrafts allowed for large hail to develop, with one storm producing hail up to 2.00 inches in diameter in Windham County. Thunderstorms also produced damaging wind gusts, with trees and wires down.								
VIRGINIA, East									
Brunswick County 1 WNW Ebony	01	1625EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
	Trees were downed on Hendricks Mill Road.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Brunswick County 1 WSW Gasburg	01	1633EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
	Trees were downed on Oak Grove Road.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Southampton County 1 N Story	01	1730EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
	Tree was downed across a road.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Southampton County 1 SE Courtland	01	1730EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
	Tree was downed and blocking Story's Station Road.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Franklin (c) County 2 WSW Franklin	01	1745EST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
	Trees were downed south of Franklin along General Thomas Highway and Smith Ferry Road.								
	Note: The estimated wind gust of 50 knots is equivalent to 58 mph.								
Suffolk (c) County 1 ENE Leesville	01	1800EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
	Tree was downed across North Liberty Spring Road.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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VIRGINIA, East

Scattered severe thunderstorms in advance of a cold front produced damaging winds across portions of south central and southeast Virginia. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Isle Of Wight County 2 SSE Smithfield

15	1715EST 1800EST				0	0	0.00K	0.00K	Flash Flood
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Several roads were flooded or reported high water just west of Carrollton.

Newport News (c) County 1 SSE Patrick Henry Fld 2 S Harpersville

15	1715EST 1800EST				0	0	0.00K	0.00K	Flash Flood
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Flooding was reported on Interstate 64 at Jefferson Avenue. Several accidents were reported near the Patrick Henry Mall. The underpasses at Main Street and Center Avenue were flooded several feet. Winterhaven Drive had several cars floating. There was significant flooding off of Harpersville Road. There was flooding at the Virginia Living Museum.

York County 2 W Tabb

15	1730EST 1830EST				0	0	0.00K	0.00K	Flash Flood
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Three feet of water was reported on a road in the Coventry Subdivision. Several cars were partially submerged.

Scattered thunderstorms in advance of a frontal boundary produced heavy rain and flash flooding across portions of southeast Virginia.

Virginia Beach (c) County 1 E Powells Xrds

22	1435EST				0	0	0.00K	0.00K	Funnel Cloud
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Funnel cloud was sighted by public.

Virginia Beach (c) County Virginia Beach

22	1500EST 1530EST				0	0	5.00K	0.00K	Lightning
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Several house fires were reported throughout the city between 400 and 430 pm due to lightning strikes.

Cumberland County 1 NNE Cumberland

22	1935EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported.

Cumberland County 6 E Cumberland

22	1942EST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported.

Amelia County 3 NE Rodephil

22	1949EST				0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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Large tree limbs were downed and tore into screened in porch.

Scattered severe thunderstorms in advance of a cold front produced damaging winds and large hail across portions of central and southeast Virginia. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

VIRGINIA, Extreme Southwest

Wise County 1 S Big Stone Gap

18	1335EST				0	0			Hail (1.00)
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Quarter sized hail was reported.

A weak surface trough and adequate instability provided just enough lift for the production of a few thunderstorms across Southwest Virginia. One of these storms produced large hail.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
VIRGINIA, North									
Frederick County									
1 NE Albin	02	1547EST			0	0			Hail (1.00)
									Quarter sized hail was reported near Albin.
Frederick County									
2 NE Nain	02	1548EST			0	0			Hail (1.00)
									Quarter sized hail was reported near Cedar Grove. A cold front moved in from the Atlantic Ocean during the 2nd. Moderate instability combined with forcing from the front to trigger some showers and thunderstorms. A few thunderstorms produced large hail.
Augusta County									
2 SSW Snyder	03	1644EST			0	0			Hail (1.00)
									Quarter sized hail was reported near Mint Spring.
Augusta County									
2 SSW Snyder	03	1646EST			0	0			Hail (1.00)
									Quarter sized hail was reported near Mint Spring.
Augusta County									
2 S La Grange	03	1650EST			0	0			Hail (1.00)
									Quarter sized hail was reported near Mint Spring.
Highland County									
3 W Mc Dowell	03	1936EST			0	0			Hail (1.00)
									Quarter sized hail was reported near McDowell.
Greene County									
1 ESE Fletcher	03	1954EST			0	0			Hail (1.00)
									Quarter sized hail was reported in Fletcher.
Greene County									
1 ESE Fletcher	03	1954EST			0	0			Thunderstorm Wind (52EG)
									Tree limbs were down due to thunderstorm winds. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Albemarle County									
3 ENE Eastham	03	2028EST			0	0			Hail (1.25)
									Half dollar sized hail was reported near Stony Point.
Albemarle County									
3 ENE Eastham	03	2029EST			0	0			Hail (1.00)
									Quarter sized hail was reported near Stony Point. A stationary boundary remained over the region on the third. Moderate instability combined with forcing from the front to trigger some showers and thunderstorms. Some thunderstorms produced large hail and damaging wind gusts.
Stafford County									
1 S Glendia	15	1855EST			0	0			Hail (1.00)
									Quarter sized hail was reported near Glendie.
Stafford County									
1 SSE Glendia	15	1856EST			0	0			Hail (1.00)
									Quarter sized hail was reported near Glendie.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
VIRGINIA, North									
Stafford County 1 SSE Glendia	15	1856EST			0	0			Thunderstorm Wind (52EG)
									Trees and branches were down near Glendie. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Stafford County 1 SSE Glendia	15	1856EST			0	0	1.00K		Thunderstorm Wind (52EG)
									A tree was blocking the roadway near Kettering. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Stafford County 1 S Glendia	15	1857EST			0	0			Hail (1.25)
									Half dollar sized hail was reported near Glendie.
Stafford County 1 SSE Glendia	15	1857EST			0	0			Hail (1.00)
									Quarter sized hail was reported near Glendie.
Stafford County 1 SSE Glendia	15	1858EST			0	0			Hail (1.25)
									Half dollar sized hail was reported near Glendie.
Stafford County 1 SSE Glendia	15	1858EST			0	0			Hail (1.00)
									Quarter sized hail was reported near Glendie.
Stafford County 1 SSE Glendia	15	1858EST			0	0	1.00K		Thunderstorm Wind (52EG)
									Trees were down near Glendie. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Stafford County 1 SE Glendia	15	1858EST			0	0	1.00K		Thunderstorm Wind (50EG)
									A tree was uprooted near Glendie. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.
Stafford County 1 WNW Brooke	15	1905EST			0	0	1.00K		Thunderstorm Wind (52EG)
									Two trees were down near the intersection of Jefferson Davis Highway and Perchwood Road. A surface trough combined with a warm and humid air mass to trigger showers and thunderstorms on the fifteenth. There was enough instability for some thunderstorms to become severe. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.
Prince William County 2 W Wellington	21 22	2302EST 0200EST			0	0	0.00K	0.00K	Flash Flood
									Wellington Road was closed at Piney Branch Lane due to flash flooding on Piney Branch. A nearby rain gauge recorded 4.90 inches.
Prince William County 2 SE Thoroughfare 2 NE Buckland	21 22	2305EST 0200EST			0	0	0.00K	0.00K	Flash Flood
									Old Carolina Road was closed at Thoroughfare Road due to flash flooding. A nearby spotter observed 4.43 inches of rainfall.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
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VIRGINIA, North

Prince William County 1 W Gainesville

21	2320EST								
22	0200EST				0	0	0.00K	0.00K	Flash Flood

Intersection of John Marshall Highway and Cartharpin Road was closed due to high water. A nearby rain gauge measured 4.59 inches.

Prince William County 2 SW Wellington

21	2330EST								
22	0200EST				0	0	0.00K	0.00K	Flash Flood

Devlin Road was closed at Asheleys Park Lane due to flash flooding. A nearby spotter recorded 2.39 inches of rainfall.

Prince William County 2 W Bristow

21	2330EST								
22	0200EST				0	0	0.00K	0.00K	Flash Flood

Nokesville Road at Aiden Road was closed due to flash flooding. A nearby spotter observed 5 inches of rain.

Prince William County 1 W Wellington

21	2330EST								
22	0200EST				0	0	0.00K	0.00K	Flash Flood

Devlin Road was closed at Jennell Drive due to flash flooding.

Fauquier County 3 ESE New Baltimore

21	2346EST								
22	0200EST				0	0	0.00K	0.00K	Flash Flood

Vint Hill Road was closed between Acorn Farm Lane and Buckland Mill Road due to flash flooding. A nearby spotter tallied 4 inches of rainfall.

Prince William County 1 S Gainesville

21	2354EST								
22	0200EST				0	0	0.00K	0.00K	Flash Flood

Linton Hall Road was closed due to flash flooding at Harness Shop Road.

Prince William County 1 NW Wellington

22	0007EST								
	0200EST				0	0	0.00K	0.00K	Flash Flood

Prince William Parkway was closed at Balls Ford Road due to flash flooding.

Prince William County 2 ENE Gainesville

22	0022EST								
	0200EST				0	0	0.00K	0.00K	Flash Flood

Lee Highway was closed at Pageland Lane due to flash flooding.

Prince William County Catharpin

22	0024EST								
	0200EST				0	0	0.00K	0.00K	Flash Flood

Sanders Lane was closed at Sudley Road due to flash flooding.

Prince William County 2 S Catharpin

22	0026EST								
	0200EST				0	0	0.00K	0.00K	Flash Flood

Pageland Lane was closed at Artemus Road due to flash flooding on Little Bull Run.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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VIRGINIA, North

Prince William County 1 NW Gainesville

22	0029EST 0200EST				0	0	0.00K	0.00K	Flash Flood
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Heathcotes Boulevard at Cartharpin Road closed due to flash flooding.

Prince William County 1 SSW Aden

22	0030EST 0300EST				0	0	0.00K	0.00K	Flash Flood
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A swift water rescue was performed in Aden. Also, Aden Road was washed out near Misty Creek Court.

Loudoun County 3 WSW Purcellville

22	0100EST 0300EST				0	0	0.00K	0.00K	Flash Flood
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East Loudoun Street was partially closed due to flash flooding just east of the Route 7 Bypass. A nearby spotter reported 3.10 inches of rainfall.

Loudoun County 3 WNW Purcellville

22	0100EST 0300EST				0	0	0.00K	0.00K	Flash Flood
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Appalachian Trail Road at Woodgrove Road was closed due to flash flooding. A nearby rain gauge tallied 1.76 inches.

Prince William County 2 SSW Aden

22	0100EST 0300EST				0	0	0.00K	0.00K	Flash Flood
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Portion of Fleetwood Drive washed away due to flash flooding. A nearby rain gauge documented 4.32 inches.

Prince William County 1 SSW Bristow

22	0200EST 0300EST				0	0	0.00K	0.00K	Flash Flood
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Part of Valley View Drive was washed out due to flash flooding.

Prince William County 1 N Bristow

22	0300EST 0900EST				0	0	0.00K	0.00K	Flood
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Piper Lane near a commuter rail station was flooded due to Broad Run exceeding its banks.

Prince William County 2 SSW Wellington

22	0300EST 0900EST				0	0	0.00K	0.00K	Flood
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Three swift water rescues were performed in Broad Run floodwaters.

Prince William County 1 W Brentsville

22	0900EST 1500EST				0	0	0.00K	0.00K	Flood
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Several roads remain flooded and closed south of Bristow due to earlier rainfall. Closed roadways included Old Church Road and Bristow Road.

Low pressure stalled over Virginia, with easterly winds across northern Virginia advecting deep Atlantic moisture to the area. Clusters of training showers and thunderstorms developed, some with very high rainfall rates. Up to 5.15 inches of rainfall was observed in Prince William County. Flash flooding and later areal flooding resulted.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
VIRGINIA, North									
Nelson County 2 SE Arrington	22	1700EST			0	0			Hail (1.25)
									Half dollar sized hail was reported near Arrington.
Nelson County 3 SSE Arrington	22	1700EST			0	0			Hail (1.50)
									Hail up to the size of ping pong balls was reported near Piedmont.
									A surface trough combined with moderate instability to trigger showers and thunderstorms. A couple thunderstorms produced large hail.
Prince William County 1 S Bristow	23	0200EST 0300EST			0	0	0.00K	0.00K	Flash Flood
									Valley View Drive was closed between Crockett Road and Bristow Road due to flash flooding.
Prince William County 2 W Rixlew 1 N Bristow	23	0200EST 0300EST			0	0	0.00K	0.00K	Flash Flood
									Hornbreaker Road was closed between Nokesville Road and Industrial Road due to overflowing stream.
Prince William County 1 SSE Nokesville	23	0218EST 0330EST			0	0	0.00K	0.00K	Flash Flood
									Aden Road was closed at Carriage Ford Road due to flash flooding.
Fauquier County 3 W Halfway	23	1744EST 2030EST			0	0	0.00K	0.00K	Flash Flood
									High water rescue was performed at the intersection of Zulla Road and Smitten Farm Lane due to flash flooding. A nearby spotter totaled 3.33 inches of rainfall.
Prince William County 1 E Hickory Grove	23	1800EST 2000EST			0	0	0.00K	0.00K	Flash Flood
									A high water rescue was performed at the intersection of Little River Road and Logmill Road. A nearby rain gauge recorded 3.27 inches.
Fauquier County 1 WSW Calverton	23	1943EST 2100EST			0	0	0.00K	0.00K	Flash Flood
									Portion of Route 28 near Southeastern Alternative School was closed due to flash flooding.
Prince William County 1 NW Canova	23	2002EST 2100EST			0	0	0.00K	0.00K	Flash Flood
									A portion of Dumfries road was closed between Purcell Road and Hoadly Road due to flash flooding.
Prince William County 1 W Longview	23	2027EST 2200EST			0	0	0.00K	0.00K	Flash Flood
									A water rescue was performed at Lucasville Road and Hidden Spring Drive due to flash flooding.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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VIRGINIA, North

Prince William County

1 SSE Manassas Arpt	23	2033EST					0.00K	0.00K	Flash Flood
1 NNW Brentsville		2200EST			0	0			

Flash Flooding forced the closure of Bristow Road near Wright Lane.

Prince William County

1 NW Brentsville	23	2200EST					0.00K	0.00K	Flood
	24	0400EST			0	0			

Numerous roads were closed in the Bristow area due to flooding from earlier heavy rainfall.

Low pressure stalled over Virginia, with easterly winds across northern Virginia advecting deep Atlantic moisture to the area. Clusters of training showers and thunderstorms developed, some with very high rainfall rates. Up to 5.15 inches of rainfall was observed in Prince William County. Flash flooding and later areal flooding resulted.

VAZ050-052-055> 057

King George - Orange - Prince William - Spotsylvania - Stafford

	28	1300EST							Heat
		1700EST			0	0			

A southerly flow around high pressure over the Atlantic Ocean provided hot and humid conditions. Heat indices were around 100 degrees during the afternoon and early evening hours.

Frederick County

4 N Whitacre	29	1348EST							Hail (1.00)
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Quarter sized hail was reported near Bloomery.

Warren County

2 W Buckton	29	1525EST					1.00K		Thunderstorm Wind (52EG)
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A tree was down near the 1200 block of Long Meadow Road.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Clarke County

1 NNW Millwood	29	1556EST							Hail (1.00)
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Quarter sized hail was reported near Millwood.

Clarke County

2 S Swimley	29	1602EST					0.50K		Thunderstorm Wind (52EG)
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Branches were down near Wadesville.

A surface trough combined with warm and humid air to trigger showers and thunderstorms. Some thunderstorms produced damaging winds and large hail. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

VIRGINIA, Southwest

Franklin County

2 NW Sontag	01	1340EST							Hail (1.00)
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Pittsylvania County

1 SW Chatham	01	1425EST					3.00K		Thunderstorm Wind (50EG)
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Multiple trees were blown down on Beverly Heights Road.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Henry County

1 WNW Figsboro	01	1438EST							Hail (1.00)
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Nickle and quarter size hail was covering the ground at the Figsboro General Store.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
VIRGINIA, Southwest									
Pittsylvania County 3 E Keeling	01	1441EST			0	0	5.00K		Thunderstorm Wind (55EG)
Several large trees were blown down on Herman Farmer Road, including an one hundred year-old oak tree.									
Note: The estimated wind gust of 55 knots is equivalent to 63 mph.									
Halifax County 1 SW Halifax	01	1457EST			0	0			Hail (0.75)
Penny size hail was reported on Route 501 in Halifax.									
Halifax County 2 S White Oak 1 W Halifax	01	1500EST 1505EST			0	0			Hail (1.75)
Hail was reported along Kennon Lane as well as along Route 501 in Halifax.									
Halifax County 1 WNW Halifax	01	1506EST			0	2	0.50K		Lightning
Two men at 369 Lakeside Drive in Halifax suffered minor injuries after standing next to a tree that was struck by lightning.									
Halifax County 1 W Halifax	01	1506EST			0	0	3.00K	0.00K	Lightning
Lightning struck a power transformer on Maple Avenue, setting it on fire.									
Halifax County 1 N Riverdale	01	1510EST			0	0			Hail (0.75)
Penny size hail was reported at the South Boston Sewage Treatment Plant.									
Halifax County 1 NW News Ferry	01	1510EST			0	0	3.00K		Thunderstorm Wind (50EG)
Multiple trees were blown down along River Road.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Halifax County 1 S Sinai	01	1510EST			0	0	3.00K		Thunderstorm Wind (50EG)
Multiple trees were blown down along Berry Hill Road.									
The day started off with a decaying high pressure wedge situated across the piedmonts of Virginia and North Carolina, while a warm front was making its way northward across Kentucky into the mountains of Virginia and North Carolina. A strong upper level disturbance moved eastward along the warm front from Kentucky into the mountains during the early part of the afternoon. Several strong to severe thunderstorms developed by mid afternoon as the disturbance moved east of the Blue Ridge Mountains, interacting with unstable air due to strong daytime heating. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Patrick County 3 E Elamsville	02	1626EST			0	0			Hail (1.00)
Quarter size hail was observed at 67 Chevy Lane, along Highway 57.									
Patrick County 4 S Dodson	02	1635EST			0	0			Hail (0.88)
Nickel size hail was covering the ground at the western entrance to the Fairy Stone State Park on Highway 57.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
VIRGINIA, Southwest									
Patrick County 2 SW Dodson	02	1738EST			0	0			Hail (0.88)
									Nickel size hail was observed along Heidelberg School Road.
Patrick County 2 SW Dodson	02	1738EST			0	0			Hail (1.25)
									Half dollar size hail was observed along Heidelberg School Road.
Bedford County 3 E Thaxton	02	1835EST			0	0			Hail (1.00)
Bedford County Thaxton	02	1836EST			0	0	0.00K	0.00K	Hail (1.75)
Bedford County Bedford City	02	1840EST			0	0			Hail (1.00)
									Quarter size hail was observed at the intersection of Routes 460 and 122.
Bedford County 3 E Thaxton	02	1845EST			0	0			Hail (1.25)
Bedford County 3 S Bedford City	02	1905EST			0	0			Hail (1.00)
									Dime to quarter size hail was observed at 1386 Kenmar Drive.
									An upper level disturbance passed across the Blue Ridge Mountains in Virginia on the afternoon of May 2nd 2012 and interacting with low level convergence along the Blue Ridge associated with a lee side trough. This combination helped trigger scattered thunderstorms across Southside Virginia. A few of these storms were severe.
Grayson County Oak Hill	03	1304EST			0	0			Hail (0.88)
									Nickel size hail was observed at the Rugby Fire Department.
Grayson County 4 N Spring Vly	03	1441EST 1456EST			0	0			Hail (1.00)
									Hail was observed falling for 15 minutes and covered the ground along Brush Creek Road.
Floyd County 4 SW Willis	03	1448EST			0	0			Hail (1.00)
Floyd County 1 SSW Willis	03	1500EST			0	0			Hail (1.00)
Floyd County 2 ENE Union	03	1521EST			0	0			Hail (0.75)
									Penny size hail was observed along Emmanuel Road.
Wythe County 1 ENE Grahams Forge	03	1525EST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
VIRGINIA, Southwest									
Wythe County 2 SE Lone Ash	03	1530EST			0	0			Hail (1.00)
Wythe County 1 SE Lone Ash	03	1530EST			0	0			Hail (0.88)
Pulaski County 2 S Mountain View	03	1550EST			0	0			Hail (1.00)
Pulaski County 3 S Mountain View	03	1610EST			0	0			Hail (0.75)
A trained storm spotter reported dime to penny size hail covering the ground to a depth of a half inch.									
Rockbridge County 4 NNW Natural Bridge	03	1755EST			0	0			Hail (0.75)
Botetourt County 1 NE Gala	03	1757EST			0	0			Hail (0.88)
Nickel size hail was observed at Kelly's Market.									
Bedford County 8 S Stone Mt	03	1810EST			0	0			Hail (1.25)
Severe thunderstorms developed during the afternoon and evening across portions on Virginia on May 3rd, 2012. These storms were the result of an upper level disturbance moving northward from the Gulf of Mexico, bringing large amounts of tropical moisture into the area. The abundant moisture, when combined with afternoon temperatures warming into the 80s and upslope flow across the mountains, allowed some of the storms to produce large hail.									
Bedford County 5 WNW Peaksville	14	1845EST 2145EST			0	0	0.00K	0.00K	Flood
Sheep Creek was observed spilling out of its banks and overflowing a low water bridge on Jay Bird Lane.									
Franklin County 1 NNW Burnt Chimney	14	2000EST 2300EST			0	0	190.00K	0.00K	Flash Flood
Extensive flooding was reported across northern and eastern Franklin County. The biggest problems were observed between Rocky Mount and Smith Mountain Lake. Nine vehicles were reported having been stranded in flood waters along Highway 122. Two sixty-inch culverts were washed out at the Windy Ridge Farm sub-division, leaving the community cut-off to outside access for the fifteen residents living there. Other roads sustained minor damage by flood waters. Rainfall amounts of eight to nine inches fell in the warned area, while amounts of 3 to 6 inches were more common in the surrounding areas.									
Franklin County 3 NW Union Hall 3 NNE Glade Hill	14	2013EST 2130EST			0	0	0.00K	0.00K	Flash Flood
Six to eight inches of water was observed flowing over a bridge on Powells Store Road.									
Bedford County 2 SSW Moneta	14	2030EST 2230EST			0	0	0.00K	0.00K	Flash Flood
An unnamed stream came out of its banks and flooded Spinnaker Way and Harbour Trail, leaving behind debris on the roads. Over six inches of water was observed flowing over these roads. Numerous driveways and front lawns were flooded as well.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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VIRGINIA, Southwest

Bland County

1 E Holly Brook

14	2055EST 2245EST				0	0	0.00K	0.00K	Flash Flood
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At least six inches of water was observed flowing over Price Ridge Road.

Rockbridge County

3 WSW Buffalo Forge

14	2147EST 2345EST				0	0	5.00K	0.00K	Flash Flood
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A car was stranded in water flooding on Tinkerville Road, requiring swift water rescue assistance.

A slow moving upper level low pressure system moving across the Tennessee Valley triggered widespread showers and thunderstorms along the Blue Ridge Mountains of North Carolina and Virginia. A few storm became strong to severe in North Carolina, where atmospheric instability was greatest. The ground was observed to be saturated in many areas along the Blue Ridge from rainfall during previous days, which helped to enhance the flooding threat. Rainfall amounts of one to two inches were widespread across the region, while three to six inch rainfall amounts were more common along the Blue Ridge Mountains. Portions of Franklin County received eight to nine inches of rain.

Wythe County

1 NW Little Wythe Furnace 2 SSE Catron

15	1730EST 1930EST				0	0	0.00K	0.00K	Flash Flood
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Two feet of water was flowing across Gleaves Road. Several other roads were also closed in the area due to high water at about this same time, including Cripple Creek Road, Slate Spring Branch Road, Glade Road and Huddle Road.

Wythe County

2 NW Lots Gap

15	1752EST				0	0			Hail (1.00)
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Quarter size hail was observed covering the ground along Lots Gap Road, close to Danner Road.

Wythe County

1 SW Ft Chiswell

15	1755EST				0	0	4.00K		Thunderstorm Wind (50EG)
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Power poles were blown down just south of Fort Chiswell.
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Wythe County

2 WNW Lots Gap

15	1757EST				0	0	4.00K	0.00K	Lightning
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A lightning strike toppled two power poles onto Lots Gap Road.

Wythe County

Speedwell

15	1800EST 1930EST				0	0	0.00K	0.00K	Flash Flood
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Heavy rain caused water to overflow the banks of a tributary of Cripple Creek and to flow over Old Bank Road.

Franklin County

4 E Burnt Chimney

15	1802EST				0	0			Hail (0.88)
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Franklin County

1 NNE Rocky Mt

15	1830EST 2030EST				0	0	0.00K	0.00K	Flash Flood
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Heavy rain caused Powder Mill Creek to flow across School Board Road.

An upper level disturbance moved from West Virginia across the mountains of Virginia and North Carolina triggering isolated strong to severe thunderstorms. Upper level winds across the region were light, resulting in slow thunderstorm movement. Prolonged periods of heavy rain falling from these storms resulted in isolated flash flooding along the Blue Ridge Mountains.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
VIRGINIA, Southwest									
Wythe County 1 NW Haven	17	1900EST			0	0	0.60K		Thunderstorm Wind (50EG)
Several 5-inch diameter tree limbs were blown down on Akers Road.									
Note: The estimated wind gust of 50 knots is equivalent to 58 mph.									
Wythe County 2 NNE Haven	17	1910EST			0	0			Hail (0.88)
Wythe County 2 E Grubb	17	2010EST 2315EST			0	0	0.00K	0.00K	Flash Flood
Reed Creek overflowed its banks, flooding Highway 21 South as well as roads near the intersection of High Bridge Road and Route 684.									
Wythe County 1 ENE Wytheville 3 E Grubb	17	2010EST 2315EST			0	0	45.00K	0.00K	Flash Flood
At least four homes were impacted by flash flooding on the south side of Wytheville, generally along and near Reed Creek and Greasy Creek. A basement wall collapsed at one home on Pump Hollow Road, with an estimated \$25,000 worth in damage. Water from reed creek was observed flowing through a home on the Grayson Turnpike, as well as through a garage and a yard on Greasy Creek Road. Several roads were flooded and closed, including Galilee Church Road, Cinnamon Run Road, and Fourth Street near Spring Street.									
Pulse thunderstorms developed with afternoon heating across portions of southeast West Virginia and central Virginia. Upper level winds aloft were light, resulting in slow movement of these storms. Prolonged heavy rain falling from these storms resulted in a few occurrences of localized flash flooding.									
Montgomery County 4 NNW Bennetts Mill	21	1606EST			0	0			Hail (1.00)
Franklin County 2 SSE Hardys Ford	21	1918EST			0	0			Hail (1.00)
Hail was observed covering the ground on Robin Lane. Hail size during this event ranged from dime size to quarter size.									
Franklin County 1 SSE Hardys Ford	21	1920EST			0	0			Hail (0.75)
Pulse-type thunderstorms developed during the afternoon across southwest and central Virginia where a cold front was approaching from the Ohio Valley. Upper level winds were light across the area, causing these storms to be slow moving. Due to the unstable atmosphere, a few storms became severe.									
Amherst County 3 NNW Allwood	22	1600EST			0	0			Hail (0.75)
Tazewell County 1 WSW Bluefield	22	1630EST 1830EST			0	0	0.00K	0.00K	Flood
Multiple roads across the city of Bluefield were closed due to flooding.									
Amherst County 1 S Lowesville	22	1630EST			0	0			Hail (1.00)
Quarter size hail was observed falling along Lowesville Road.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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VIRGINIA, Southwest

Bedford County 3 ENE Forest

22	1712EST				0	0			Hail (1.00)
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Quarter size hail was observed falling along Highway 221 on the west side of the City of Lynchburg.

Lynchburg (c) County 1 SSW Lyh Ivy Hill Arpt

22	1712EST				0	0			Hail (0.75)
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Dime to penny size hail was observed falling along Mayfield Drive.

Lynchburg (c) County 1 E Lyh Ivy Hill Arpt

22	1720EST				0	0			Hail (0.75)
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Penny size hail was observed falling along Lakeside Drive in the city of Lynchburg.

Henry County 1 ENE Horse Pasture

22	1900EST				0	0			Hail (0.88)
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Henry County 1 NW Chestnut Knob

22	1903EST				0	0			Hail (1.25)
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Henry County 1 ENE Horse Pasture

22	1905EST				0	0			Hail (1.00)
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Henry County 2 NE Horse Pasture

22	1920EST				0	0			Hail (0.75)
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Martinsville (c) County 1 N Martinsville

22	2139EST				0	0	0.00K	0.00K	Hail (0.88)
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Henry County 1 SE Hilltop 1 W Jones Creek

22	2252EST				0	0	10.00K	0.00K	Flash Flood
23	0100EST				0	0	10.00K	0.00K	Flash Flood

Mulberry Creek overflowed its banks, flooding Spruce Street. Also, street flooding was observed near the intersection of Jefferson and Zee Streets, with water entering 15 to 20 homes.

Scattered showers and thunderstorms developed across portions of central and southwest Virginia and southeast West Virginia due to weak shortwave troughs passing over the area ahead of an approaching cold front. Strong daytime heating across the piedmont area of Virginia, with highs reaching into the upper 80s and lower 90s, aided in destabilizing the atmosphere. Weak upper level winds kept these storms more pulse-variety in nature.

WASHINGTON, Northeast

WAZ037

Northeast Mountains

09	1300PST								
	1600PST				0	0	3.0K	0.00K	Strong Wind

A dry cold front moved through the region on the morning of May 9th. Strong cold advection and strengthening pressure gradients behind the front lead to windy conditions across Eastern Washington during a majority of the afternoon. Observation platforms from Northeast Washington reported gusts in the 30 to 40 mph range however, terrain was thought to be responsible for localized higher wind gusts channeling into the Sacheen Lake area where a roof from an RV collapsed and trees were heard falling in the forest.

WAZ034

Moses Lake Area

25	1300PST								
	1800PST				0	0	12.0K	0.00K	Wildfire

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WASHINGTON, Northeast

Breezy northeast winds and relative humidities in the teens fanned a 140 acre wildfire near County Road 20 in the Soap Lake area. The wildfire quickly spread from northeast to southwest through fine fuels including grass, hay, and sagebrush. Fire crews were able to protect eight homes and about 100 head of goats along with other livestock but the fire did consume two large shop buildings and a small livestock shelter along with 200 to 300 bales of hay.

WEST VIRGINIA, East

Jefferson County

2 NNW Shepherdstown

03	1710EST			0	0			Hail (1.00)
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Quarter sized hail was reported near Shepherdstown.

A cold front moved in from the Atlantic Ocean during the 2nd. Moderate instability combined with forcing from the front to trigger some showers and thunderstorms. An isolated thunderstorm produced large hail.

Berkeley County

1 NE Union Corner

03	1804EST			0	0			Hail (1.00)
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Quarter sized hail was reported near Arden.

Berkeley County

1 NNE Union Corner

03	1805EST			0	0			Hail (1.75)
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Golf ball sized hail was reported near Arden.

Berkeley County

Union Corner

03	1808EST			0	0			Hail (1.00)
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Quarter sized hail was reported near Arden.

Berkeley County

2 NE North Mtn

03	1911EST			0	0			Hail (1.00)
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Quarter sized hail was reported near Hedgesville.

Berkeley County

2 NE North Mtn

03	1933EST			0	0			Hail (1.00)
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Quarter sized hail was reported near Falling Waters.

A stationary boundary remained over the region on the third. Moderate instability combined with forcing from the front to trigger some showers and thunderstorms. A few thunderstorms were severe.

Jefferson County

2 NNE Middleway

27	1930EST			0	0			Thunderstorm Wind (52EG)
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A tree was down near Middleway.

A surface trough combined with warm and humid air to trigger showers and thunderstorms. An isolated thunderstorm produced damaging winds. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Berkeley County

1 ENE Arden

29	1433EST			0	0	1.00K		Thunderstorm Wind (52EG)
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Trees were down near Arden.

A surface trough combined with warm and humid air to trigger showers and thunderstorms. Some thunderstorms produced damaging winds and large hail. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Berkeley County

2 SSW Vanclevessville

29	1527EST 1800EST			0	0	0.00K	0.00K	Flash Flood
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Short Road near the Berkeley-Jefferson Counties line had flash flooding. A nearby spotter recorded 2.72 inches of rainfall.

Showers and thunderstorms developed in the lee of the Appalachians during in afternoon, in advance of a slow moving cold front. Moisture in association with the remnants of Tropical Storm Beryl boosted rainfall rates and some of the showers and thunderstorms trained repeatedly over the same locations. An isolated flash flood occurred in Jefferson County, with up to 2.72 inches rainfall reported.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WEST VIRGINIA, East

Mineral County 2 E Burlington

29	1528EST				0	0	2.00K		Thunderstorm Wind (52EG)
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Tree limbs that were three to four inches in diameter were down. Pine trees that were four to six inches in diameter were also down.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Morgan County 1 WNW Omps

29	1613EST				0	0	1.00K		Thunderstorm Wind (52EG)
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Large tree limbs eight inches in diameter blocked Cacapon Lodge Drive.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Berkeley County 2 SSW Vanclevessville

29	1630EST				0	0			Hail (1.00)
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Quarter sized hail was reported near Winebrenners Crossroad.

A surface trough combined with warm and humid air to trigger showers and thunderstorms. Some thunderstorms produced damaging winds and large hail.

WEST VIRGINIA, Southeast

Greenbrier County 2 W Smoot

17	1540EST 1730EST				0	0	0.00K	0.00K	Flash Flood
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Callahan Branch Creek was flowing out of its banks and onto Callahan School Road.

Pulse thunderstorms developed with afternoon heating across portions of southeast West Virginia and central Virginia, mainly triggered with afternoon heating. Upper level winds aloft were light, resulting in slow movement of these storms. Prolonged heavy rain falling from these storms resulted in a few occurrences of localized flash flooding.

Mercer County 1 NW New Hope

22	1600EST 1830EST				0	0	5.00K	0.00K	Flash Flood
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Sandlick Road was closed several hours in the community of Glenwood due to a mudslide and water covering the road.

Scattered showers and thunderstorms developed across portions of central and southwest Virginia and southeast West Virginia due to weak shortwave troughs passing over the area ahead of an approaching cold front. Weak upper level winds kept these storms more pulse-variety and slow moving in nature. Heavy rain from one storm caused localized flooding and mudslides in southeast West Virginia.

WEST VIRGINIA, West

Mingo County Lenore

04	0020EST				0	0	0.00K	0.00K	Hail (0.88)
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Randolph County Montrose

04	0420EST				0	0	0.00K	0.00K	Hail (1.50)
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A mid level disturbance helped trigger clusters of showers and thunderstorms during the late night and early morning hours. On the leading edge of this convection, a few thunderstorms would pulse toward severe limits for a few minutes then weaken. Rain rates of .5 to .8 in 30 minutes occurred under the heaviest showers. In the wake of the leading edge, light to moderate showers were common.

Mason County Clifton Letart

04	2310EST								
05	0415EST				0	0	75.00K	0.00K	Flash Flood

Little Mill Creek near the Jackson County line was one of many small streams that flooded. Two people were trapped in a camper and floating down the stream. They were rescued safely. Oldtown Creek flooded along the Route 2 corridor. A vehicle was abandoned when it tried to cross high water flowing across a bridge. In the southern part of the county, Jerrys Run flooded roads.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WEST VIRGINIA, West

Jackson County

1 W Mt Alto	04	2330EST							
3 SW Parchment Vly	05	0315EST			0	0	225.00K	0.00K	Flash Flood

Streams such as Little Mill Creek, Isaacs Fork, and Cow Run flooded around the Mount Alto to Evans region. Water damaged a bar and a daycare building in Evans. A boat was used to rescue a resident from their home near Evans. Vehicles were damaged by the high water.

Gilmer County

Cedarville	05	1215EST							
Letter Gap		1330EST			0	0	8.00K	0.00K	Flash Flood

The Sand Fork flooded near its mouth with the Little Kanawha River. Roads were flooded, but no homes were damaged. Rock and debris slides also closed roads near Cedarville.

Convection dropped from northwestern Ohio during the late afternoon and reached into southeast Ohio during the evening hours of the 4th. This was south of an east to west cold front in northern Ohio. That front was sinking slowly south. Surface dew points were in the mid 60s.

The convection consolidated into large cold clusters, first in eastern Ohio. As these weakened, the clusters of showers and thunderstorms to their southwest got stronger. These moved through southeast Ohio and eventually across the Ohio River into western West Virginia. A band of heavier rain amounts, on the order of 1.5 to 2 inches were likely over portions of northern Mason County and extreme western Jackson County in less than 3 hours. The rain fell on ground already wetter than normal from previous rains.

Some showers lingered during Saturday, the 5th, causing minor flash flooding in Gilmer County.

Wood County

Jerrys Run	08	0500EST							
Murphytown		0730EST			0	0	5.00K	0.00K	Flash Flood

A rain gauge near Wadesville had 2 inches of rain in about 6 hours. Streams flooded roads for brief periods.

A moist and unstable environment existed ahead of a slow moving cold front. A weak surface wave developed along the front during predawn hours of Tuesday, the 8th. Widespread showers fell over wet terrain. Rain rates were not extreme, but in the .5 to .75 inch range per hour. Road were flooded by small streams. Dwellings were not affected.

Randolph County

4 S Huttonsville	27	1436EST			0	0	0.00K	0.00K	Hail (1.00)
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Randolph County

Huttonsville	27	1537EST			0	0	1.00K	0.00K	Hail (1.25)
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Nicholas County

Craigsville	27	1605EST			0	0	0.00K	0.00K	Hail (0.88)
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Nicholas County

Calvin	27	1609EST			0	0	1.00K	0.00K	Thunderstorm Wind (50EG)
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Several large branches were blown down.

The first heat wave of the summer occurred during the Memorial Day holiday weekend. On Sunday, the 27th, differential heating and a weak southeast wind flow helped form thunderstorms over the central mountain counties. The individual cells moved slowly, while new cells formed on their outflow boundaries. A few of these storms pulsed briefly to severe limits. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

WISCONSIN, Northeast

Winnebago County

3 SSW Winneconne	03	0035CST							
2 S Neenah		1005CST			0	0	200.00K	0.00K	Flash Flood

Flash flooding blocked parts of USH-41 south of Oshkosh and SH-21 around Omro, causing authorities to close sections of those highways. Approximately 75 homes sustained basement flooding.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, Northeast

Calumet County

**2 WSW Harrison
1 N Forest Jct**

03	0105CST 1005CST				0	0	250.00K	0.00K	Flash Flood
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Flash flooding caused authorities to close many roads across Calumet County. The Village of Hilbert sustained the worst flooding, with approximately 100 homes impacted. A flooded creek washed out a section of asphalt on Cemetery Road near Forest Junction and ripped away the culvert. One motorist was injured while attempting to cross the missing section of road during the predawn hours. The driver was hospitalized and the front wheels were torn from the vehicle.

Winnebago County

3 SSE Fisk

03	0330CST				0	0	750.00K	0.00K	Lightning
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Lightning struck an electrical box, starting a barn fire that destroyed the barn and a recreational vehicle, and killed 13 show horses.

Manitowoc County

**7 NW Maple Grove
1 NNW Mechalville**

03	0342CST 0800CST				0	0	50.00K	0.00K	Flash Flood
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Flash flooding shut down access to the Town of Rockwood. Three homes sustained basement damage from the flood.

Brown County

3 WSW Howard

03	0515CST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel size hail fell in the Village of Howard.

Waushara County

1 E Hancock

03	0720CST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel size hail fell on the south side of Hancock.

Outagamie County

4 E Greenville

03	0800CST 0850CST				0	0	0.00K	0.00K	Heavy Rain
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Heavy rainfall from thunderstorms that moved through southern Outagamie County produced urban flooding in the Appleton and Grand Chute areas.

Outagamie County

3 NW Appleton

03	0835CST				0	0	0.00K	0.00K	Hail (0.75)
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Penny size hail and heavy rain fell in the Town of Grand Chute, northwest of Appleton.

Thunderstorms developed over northeast Iowa Wednesday evening before tracking over east central Wisconsin overnight on May 2nd into the morning of May 3rd. Rainfall measurements for the 24 hour period ending around 7 am CDT indicated a widespread 2 to 4.5 inches of rain over east central Wisconsin. A roughly 15 mile wide core of higher rainfall amounts, more than 4 inches, fell from Berlin to Omro to Oshkosh to Stockbridge to Brillion to Francis Creek.

The highest reported rainfall totals in Winnebago County were 4.50 inches near Oshkosh and 3.56 inches near Omro. Stockbridge, with 3.57 inches, and Chilton, with 3.39 inches, had the highest totals in Calumet County. The highest totals in Manitowoc County were 3.12 inches at Francis Creek and 3.07 inches at the Manitowoc River gage.

The heavy rainfall led to flashing flooding in Winnebago County, Calumet County, and Manitowoc County that closed roads, washing out at least one, flooded basements, and caused the Manitowoc River to rapidly rise to near flood stage. There was also some urban flooding in Outagamie County. The storms produced hail up to nickel size, and lightning from one of the storms started a fire at a barn. The fire destroyed the barn and killed 13 show horses.

Wood County

Pittsville

06	0550CST				0	0	0.00K	0.00K	Hail (0.75)
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Thunderstorms dropped penny size hail as they moved through Pittsville.

Thunderstorms from a weakening convective system produced penny size hail as they passed through Pittsville in Central Wisconsin.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
WISCONSIN, Northeast									
Marinette County 3 SSW Cedarville	08	1010CST			0	0	0.00K	0.00K	Funnel Cloud
	A funnel cloud was reported by the Wisconsin DNR near the intersection of County Road C and Glendale Road, west of Wausaukee.								
Marinette County 2 S Wausaukee	08	1035CST			0	0	0.00K	0.00K	Funnel Cloud
	A storm chaser spotted a funnel cloud, that nearly touched the ground, south of Wausaukee.								
Marathon County 1 E Milan	08	1625CST			0	0	0.00K	0.00K	Funnel Cloud
	A funnel cloud was spotted in western Marathon County. Cold air aloft combined with an upper level disturbance to form thunderstorms that produced a few funnel clouds across central and northeast Wisconsin.								
Lincoln County 1 E Spirit Falls	20	1225CST			0	0	0.00K	0.00K	Hail (0.88)
	Thunderstorms dropped pea to nickel size hail near Spirit Falls.								
Vilas County 1 S Lac Du Flambeau	20	1248CST			0	0	0.00K	0.00K	Hail (1.75)
	Thunderstorms dropped golf ball size hail near Lac du Flambeau.								
Oneida County 1 NE Cassian	20	1255CST			0	0	0.00K	0.00K	Hail (0.75)
	Penny size hail fell near Heafford Junction.								
Lincoln County 7 N Spirit Falls	20	1315CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
	Thunderstorm winds downed trees along US Highway 8 near Tripoli. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								
Shawano County Eland	20	1330CST			0	0	0.00K	0.00K	Hail (1.25)
	Half dollar size hail fell at Eland.								
Lincoln County Spirit Falls	20	1335CST			0	0	0.00K	0.00K	Hail (0.88)
	Nickel size hail fell at Spirit Falls.								
Oneida County 2 NE Robbins	20	1341CST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter size hail fell north of Sugar Camp.								
Vilas County 2 ESE Conover	20	1400CST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter size hail fell near Conover.								
Langlade County 1 N Antigo	20	1425CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
	Thunderstorm winds downed trees and power lines along US Highway 45 in Antigo. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
WISCONSIN, Northeast									
Forest County Wabeno	20	1430CST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter size hail fell at Wabeno.								
Forest County 1 NE Wabeno	20	1430CST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter size hail fell near Wabeno.								
Forest County 1 NE Wabeno	20	1430CST			0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
	Thunderstorm winds downed trees and power lines and destroyed a band stand in downtown Wabeno. The landmark band stand was in the community for more than 50 years.								
	Note: The estimated wind gust of 61 knots is equivalent to 70 mph.								
Langlade County 1 SSE Neva	20	1430CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
	Thunderstorm winds downed trees a few miles northeast of Antigo.								
	Note: The estimated wind gust of 56 knots is equivalent to 64 mph.								
Florence County Fence	20	1455CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
	Thunderstorm winds downed trees and power lines in Fence.								
	Note: The estimated wind gust of 61 knots is equivalent to 70 mph.								
Florence County 4 SW Ridgetop	20	1505CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
	Thunderstorm winds downed trees and power lines southwest of Florence.								
	Note: The estimated wind gust of 56 knots is equivalent to 64 mph.								
Marinette County Amberg	20	1642CST			0	0	0.00K	0.00K	Hail (1.00)
	Quarter size hail fell at Amberg.								
Marinette County 1 S Coleman	20	1642CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
	Thunderstorm winds downed trees and power lines in Coleman.								
	Note: The estimated wind gust of 61 knots is equivalent to 70 mph.								
Marinette County Beaver	20	1646CST			0	0	0.00K	0.00K	Thunderstorm Wind (61EG)
	Thunderstorm winds downed trees and power lines in Beaver.								
	Note: The estimated wind gust of 61 knots is equivalent to 70 mph.								
Manitowoc County 1 SW Kiel	20	1655CST			0	0	0.00K	0.00K	Hail (1.25)
	An isolated thunderstorm produced a brief period of half-dollar size hail.								
	A low pressure system that passed through northwest Wisconsin dragged a cold front through the state. Pulse severe thunderstorms developed in a moderately unstable air mass ahead of the front. The storms produced hail up to golf ball size, downed trees and power lines, and destroyed a band stand in a small town park.								
Vilas County 1 S Lac Du Flambeau	24	1722CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
	Thunderstorm winds downed several trees in Lac du Flambeau.								
	Note: The estimated wind gust of 52 knots is equivalent to 60 mph.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, Northeast

Marathon County 4 NW Rozellville

24	1745CST				0	0	0.00K	0.00K	Thunderstorm Wind (65EG)
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Thunderstorm winds downed 12-inch diameter trees in Stratford.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Vilas County Presque Isle

24	1745CST				0	0	0.00K	0.00K	Thunderstorm Wind (60EG)
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Thunderstorm winds downed trees on the east side of Presque Isle. The time of this report was estimated based on radar data.

Note: The estimated wind gust of 60 knots is equivalent to 69 mph.

Marathon County 1 W Halder

24	1748CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds downed trees and branches between Stratford and Mosinee.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Marathon County 4 SSE Marathon

24	1801CST 1807CST	5.94	75	0	0	0.00K	0.00K	Tornado (EF0)
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A tornado formed southwest of Wausau and rapidly moved northeast just after 7:00 pm CDT. About 100 trees sustained large broken branches or were snapped by the tornado (DI 28, DOD 2, 4). No structures were damaged. Average path width was 50 yards.

Lincoln County 6 SSW Heller

24	1820CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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A number of trees and large branches were blown down by thunderstorm winds of at least 65 mph in the town of Pine River, southeast of Merrill.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Langlade County 1 SE Summit Lake

24	1842CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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Scattered trees were blown down near and south of Summit Lake by winds from a severe thunderstorm.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Portage County Plover

24	1905CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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Thunderstorm winds downed several trees in Plover.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Waupaca County 4 WSW Marion

24	1935CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorms produced a wind gust estimated at 60 mph west of Marion.

A strong low pressure system moved across northwest Wisconsin. Thunderstorms formed along a trailing cold front. The storms moved quickly and some produced high winds that downed trees and tree limbs. One of the storms produced a brief tornado southwest of Wausau in Marathon County. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Lincoln County 1 SW Heafford Jct

26 27	2030CST 0100CST				0	0	0.00K	0.00K	Heavy Rain
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A weather observer north of Tomahawk, near Rice Reservoir, measured 3.55 inches of rain from storms that moved through the area between about 9:30 PM CDT on the 26th and 2:00 AM CDT on the 27th.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, Northeast

Lincoln County

1 SE Heafford Jct

26	2100CST								
27	0118CST				0	0			Heavy Rain

A spotter measured 2.60 inches of rain from thunderstorms that moved through the Heafford Junction area between about 10:00 PM CDT on the 26th and 2:18 AM CDT on the 27th.

Marathon County

2 WNW Riverside

26	2146CST				0	0	0.00K	0.00K	Hail (0.88)
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A spotter observed nickel size hail near Marshfield as thunderstorms passed through the area.

Wood County

1 SE Marshfield

26	2152CST				0	0		0.00K	Thunderstorm Wind (52EG)
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Thunderstorm winds downed power lines as the storms moved through Marshfield.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Wood County

Auburndale

26	2155CST				0	0	0.00K	0.00K	Hail (0.88)
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Thunderstorms produced nickel size hail and winds of at least 55 mph as they passed through Auburndale.

Marathon County

3 WSW (AUW)Wausaw Muni Atp

26	2255CST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel size hail was observed with thunderstorms that moved through the Rib Mountain area.

Winnebago County

1 S Oshkosh

27	0023CST				0	0	0.00K	0.00K	Hail (0.75)
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A spotter observed penny size hail on the southwest side of Oshkosh.

Thunderstorms developed in an unstable air mass north of a warm front. Some of the storms became quite strong as they moved through central and east central Wisconsin, producing hail up to nickel size, heavy rainfall and isolated wind damage.

Portage County

1 SE Park Ridge

28	1335CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was reported at Stevens Point. The time of this event was estimated based on radar data.

Waupaca County

1 S Clintonville

28	1345CST				0	0	0.00K	0.00K	Hail (0.75)
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Penny size hail was observed by a spotter in Clintonville.

Marinette County

Crivitz

28	1400CST				0	0		0.00K	Thunderstorm Wind (56EG)
	1410CST								

Wind gusts estimated at 65 mph downed trees and power lines in Crivitz between 3:00 pm CDT and 3:10 pm CDT.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Shawano County

1 NE Split Rock

28	1415CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm wind gusts to at least 60 mph downed a pair of trees and several branches near Split Rock.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, Northeast

Shawano County Split Rock

28	1417CST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter size hail was observed by a spotter in Split Rock.

Shawano County Tigerton

28	1423CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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Thunderstorm wind gusts, estimated at 60 mph, downed a tree and several power lines in Tigerton.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Shawano County Tigerton

28	1425CST				0	0	0.00K	0.00K	Hail (1.25)
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Half dollar size hail fell in Tigerton.

Wood County Nekoosa

28	1430CST				0	0	0.00K	0.00K	Hail (0.88)
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A Skywarn spotter observed nickel size hail as thunderstorms moved through Nekoosa.

Shawano County 2 NE Thornton

28	1448CST				0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
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Thunderstorm winds, estimated at 65 mph, downed several trees northwest of Shawano.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Waupaca County 1 S Clintonville

28	1530CST				0	0	0.00K	0.00K	Hail (0.88)
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Nickel size hail, torrential rain and wind gusts estimated at 45 mph were reported by a spotter in Clintonville as thunderstorms moved through the area.

Outagamie County 2 ESE Hortonville

28	1635CST				0	0	0.00K	0.00K	Thunderstorm Wind (58MG)
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A spotter, southeast of Hortonville, reported a measured wind gust of 67 mph as thunderstorms moved through the area.

Thunderstorms developed in unstable air ahead of an approaching surface front. Some of the storms downed trees and power lines and produced hail to half dollar size. Note: The measured wind gust of 58 knots is equivalent to 67 mph.

WISCONSIN, Northwest

Price County 6 ESE (PKF)Park Falls Muni

03	0445CST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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Several healthy trees were uprooted on State Highway 182. Piles of pea-size hail accumulated. Power was out for three hours.

Low pressure over southwest Minnesota strengthened a warm front over central Wisconsin early in the morning of May 3rd. Unstable air lofted over cold surface air resulted in down-burst winds and some hail south and southwest of the Gogebic Range of northern Wisconsin. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Ashland County 1 N Mellen

20	1100CST				0	0	0.00K	0.00K	Hail (1.00)
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Price County 1 SE Prentice

20	1208CST				0	0	0.00K	0.00K	Hail (0.88)
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Price County 5 ENE Dover

20	1216CST				0	0	0.00K	0.00K	Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, Northwest

Price County
4 SW Phillips

20	1305CST				0	0	0.00K	0.00K	Hail (1.00)
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A cold front moved slowly eastward into very warm unstable air over Wisconsin beginning the morning of May 20th. Thunderstorms, some with hail, developed as the front moved over and south of the Gogebic Range about noon.

Price County
3 WSW Prentice

24	1645CST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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The wind blew down two 10-inch diameter trees across Highway 8.

A cold front moved slowly eastward into very warm unstable air over Wisconsin beginning the morning of May 24th. Thunderstorms, a few with locally damaging down bursts, developed as the front moved south of the Gogebic Range during the afternoon. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Douglas County
1 SE Cutter

24	1830CST				0	0	0.00K	0.00K	Flash Flood
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County Road UU and Papano Road were both under water.

A cold front drifted east into the Superior WI area. Some thunderstorms associated with the front resulted in nearby rainfall reports as high as 3 to 4 1/2 inches. Some street flooding resulted in Superior WI.

Burnett County
Siren

27	1745CST				0	0	0.00K	0.00K	Hail (1.00)
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Burnett County
Siren

27	1745CST				0	0	0.00K	0.00K	Hail (1.00)
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Burnett County
4 ESE Webster

27	1754CST				0	0	0.00K	0.00K	Hail (0.75)
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Douglas County
1 NNW East End

28	1357CST				0	0	0.00K	0.00K	Hail (0.88)
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The hail fell at Billings Park.

Douglas County
Superior

28	1400CST				0	0	0.00K	0.00K	Hail (0.75)
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Bayfield County
5 S Herbster

28	1500CST				0	0	0.00K	0.00K	Hail (1.00)
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The ground was completely white after the storm.

Bayfield County
Port Wing

28	1510CST				0	0	0.00K	0.00K	Hail (0.88)
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Bayfield County
2 SE Port Wing

28	1510CST				0	0	0.00K	0.00K	Hail (1.25)
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The hail covered the ground.

Bayfield County
5 S Herbster

28	1510CST				0	0	0.00K	0.00K	Thunderstorm Wind (50EG)
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A 75 foot tall, two foot diameter pine tree was snapped off near its base.

Low pressure over South Dakota on May 27th was connected to a warm front across southern MN and southern WI. The warm front crept north...reaching a position about 100 miles south of Lake Superior during May 28th. Rapidly moving troughs moved eastward along and just north of the warm front, resulting in severe convective weather. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
WISCONSIN, Southeast									
Sauk County									
West Baraboo	01	0900CST			0	0			Hail (1.00)
Waukesha County									
6 NE Oconomowoc	01	1300CST			0	0			Hail (1.50)
Waukesha County									
2 SW Oconomowoc	01	1300CST			0	0			Hail (0.75)
Waukesha County									
2 SW Oconomowoc	01	1314CST			0	0			Hail (1.00)
Washington County									
2 E Holy Hill	01	1315CST			0	0			Hail (0.75)
Washington County									
Germantown	01	1315CST 1316CST			0	0	3.00K		Thunderstorm Wind (61MG)
									Note: The measured wind gust of 61 knots is equivalent to 70 mph.
Washington County									
Germantown	01	1323CST			0	0			Hail (1.75)
Milwaukee County									
River Hills	01	1328CST			0	0	2.00K		Thunderstorm Wind (57MG)
									Note: The measured wind gust of 57 knots is equivalent to 66 mph.
Dodge County									
Juneau	01	1504CST			0	0			Hail (1.25)
Jefferson County									
1 NE Ft Atkinson	01	1527CST			0	0			Hail (1.75)
Jefferson County									
Watertown	03	1215CST 1225CST			0	0			Hail (1.25)
Jefferson County									
4 SE Lake Mills	03	1240CST			0	0			Hail (1.25)
Jefferson County									
Lake Mills	03	1241CST			0	0			Hail (1.00)
Jefferson County									
Johnson Creek	03	1248CST			0	0			Hail (1.00)
Jefferson County									
5 E Johnson Creek	03	1255CST			0	0			Hail (0.88)
Jefferson County									
5 N Sullivan	03	1302CST			0	0			Hail (1.00)
Dodge County									
Lebanon	03	1318CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, Southeast

Jefferson County 1 SE Lake Mills

03	1323CST				0	0			Hail (1.25)
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Clusters of severe thunderstorms...producing large hail up to 1.75 inches in diameter and wind gusts up to 70 mph (61 knots) moved across much of Southeast Wisconsin and a portion of South-Central Wisconsin during the afternoon hours of May 3rd. The thunderstorms developed in the warm sector ahead of low pressure over southeast Minnesota and behind a warm front that extended from the low across central Wisconsin. The unstable atmosphere, with mixed layer CAPE of 1500 to 2000 J/kg, and 0 -6 km bulk shear around 40 knots was supportive of supercell thunderstorms. Wet conditions due to heavy rain associated with the thunderstorms led to a multi-vehicle accident on Interstate 94 near Lake Mills In Jefferson County, injuring (indirectly-related) two of the drivers.

Columbia County Pardeeville

06	0738CST				0	0			Hail (0.75)
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Columbia County 1 N Pardeeville

06	0748CST				0	0			Hail (1.00)
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Columbia County 2 E Pardeeville

06	0804CST				0	0	1.00K		Thunderstorm Wind (52EG)
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A trained spotter reported a 10-inch diameter tree was downed by severe thunderstorm wind gusts.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Rock County Edgerton

06	0845CST				0	0			Hail (1.00)
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Rock County Downtown Janesville

06	0857CST				0	0			Hail (1.00)
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Heavy rainfall accompanying the severe thunderstorm produced minor urban street flooding.

Waukesha County 2 N Mukwonago

06	1116CST				0	0	2.00K		Thunderstorm Wind (56EG)
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A trained spotter reported an estimated thunderstorm wind gust of 65 mph (56 knots) two miles north of Mukwonago.

Severe thunderstorms, part of a mesoscale convective system (MCS) that developed over Minnesota the night before on the nose of a low-level jet of 35 knots, brought hail up to 1 inch in diameter and damaging wind gusts estimated at up to 65 mph (57 knots) as they pushed into South Central Wisconsin during the morning hours of May 6th. Trees and power lines were brought down by the severe thunderstorms winds. In addition, there were several reports of minor street flooding with the heavy rains that accompanied the severe thunderstorm complex, as well as two reports of minor fires caused by lightning strikes. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Walworth County Pell Lake Lyons

20	1533CST 1540CST				0	0	10.00K		Thunderstorm Wind (56EG)
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The Walworth County Emergency Manager reported numerous trees and power lines downed by thunderstorm wind gusts estimated at 65 mph (56 knots) in a swath from Bloomington Township, near Pell Lake, to Lyons.

Scattered thunderstorms developed ahead of a cold front, trailing from low pressure that moved from west central Wisconsin into western Ontario during the day on May 20th. One cluster of thunderstorms pulsed up to severe levels, producing damaging wind gusts over Walworth County that downed power lines and trees. Surface temperatures in the 80s and dew points around 60 degrees produced mixed-layer CAPE values around 1500 J/kg. Forcing with surface convergence along the front was aided by lift attributed to differential positive vorticity advection as an upper level shortwave lifted across western Wisconsin. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Marquette County 6 N Oxford

26	2038CST				0	0			Hail (0.88)
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A thunderstorm complex (MCS), that formed in northern Iowa along the the leading edge of stronger low-level flow over a nearly-stationary mid-level baroclinic zone, produced nickel-sized hail (0.88 inch in diameter) in Marquette County as it crossed northern sections of South-Central and Southeast Wisconsin during the late evening hours of May 26th.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
WISCONSIN, Southeast									
Sauk County Reedsburg	28	1444CST 1445CST			0	0			Hail (1.25)
Columbia County Wisconsin Dells	28	1500CST 1510CST			0	0	5.00K		Hail (1.25)
A ten-minute shower of large hail from a severe thunderstorm broke windows, with the damage totaling \$5,000.									
Columbia County Wisconsin Dells	28	1504CST 1510CST			0	0	30.00K		Thunderstorm Wind (65EG)
Law enforcement officials reported many trees and power lines downed by powerful thunderstorm wind gusts, estimated up to 75 mph (65 knots) in the Wisconsin Dells. Four cars were also damaged, with overall property damages estimated to be \$30,000 dollars.									
Note: The estimated wind gust of 65 knots is equivalent to 75 mph.									
Marquette County Briggsville	28	1515CST 1517CST			0	0	20.00K		Thunderstorm Wind (74EG)
Fire department officials reported many trees and power lines downed by powerful thunderstorm wind gusts, estimated up to 85 mph (74 knots) in Briggsville. Tree debris damaged several cars, with roof damage to several homes.									
Note: The estimated wind gust of 74 knots is equivalent to 85 mph.									
Marquette County Briggsville	28	1520CST			0	0			Hail (1.75)
Marquette County 2 S Montello	28	1536CST			0	0			Hail (1.75)
Marquette County Montello	28	1536CST			0	0	20.00K		Thunderstorm Wind (65EG)
A trained spotter reported many trees and power lines downed by powerful thunderstorm wind gusts, estimated up to 75 mph (65 knots) in Montello. Metal shingles were torn off of a barn roof.									
Note: The estimated wind gust of 65 knots is equivalent to 75 mph.									
Green Lake County Marquette	28	1550CST			0	0			Hail (1.00)
Dane County 3 N Middleton	28	1609CST			0	0			Hail (1.00)
Green County New Glarus	28	1610CST			0	0	30.00K		Thunderstorm Wind (74EG)
A trained spotter reported trees and power lines downed by powerful thunderstorm wind gusts estimated at 80 mph (74 knots) in the town of New Glarus. One car was totally damaged when struck by a falling tree, with roof shingles blown off several homes.									
Note: The estimated wind gust of 74 knots is equivalent to 85 mph.									
Dane County Msn Morey Fld Arpt	28	1615CST			0	0	2.00K		Thunderstorm Wind (50MG)
Note: The measured wind gust of 50 knots is equivalent to 58 mph.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, Southeast

Green County 3 N Dayton

28	1615CST 1620CST				0	0	30.00K		Thunderstorm Wind (74EG)
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A trained spotter reported trees and power lines downed by powerful thunderstorm wind gusts estimated at 80 mph (74 knots) in a swath from from 2 miles north of Dayton to Dayton. Roof shingles were blown off several homes.

Note: The estimated wind gust of 74 knots is equivalent to 85 mph.

Green County 2 N Dayton

28	1615CST 1620CST				0	0	10.00K		Thunderstorm Wind (70EG)
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The Green County Emergency Manager reported shingles were blown off several homes by severe thunderstorm winds 2 miles north of Dayton.

Note: The estimated wind gust of 70 knots is equivalent to 81 mph.

Dane County 2 E Oregon

28	1627CST				0	0	5.00K		Thunderstorm Wind (56EG)
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The public reported trees were knocked down by severe thunderstorm winds 2 miles east of Oregon.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Rock County Cooksville

28	1635CST				0	0	5.00K		Thunderstorm Wind (65EG)
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The Rock County Emergency Manager reported trees were downed by severe thunderstorm winds in the village of Cooksville.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Dane County 3 NNE Stoughton

28	1638CST				0	0			Hail (0.75)
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Rock County Evansville

28	1644CST				0	0	5.00K		Thunderstorm Wind (56EG)
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A trained spotter reported trees were downed by severe thunderstorm winds in the town of Evansville.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Rock County Evansville

28	1650CST				0	0			Hail (0.75)
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Green Lake County Marquette

28	1650CST				0	0	5.00K		Thunderstorm Wind (56EG)
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A trained spotter reported trees downed by powerful thunderstorm wind gusts estimated at 65 mph (56 knots) in the village of Marquette.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Dane County 1 N Stoughton

28	1654CST				0	0			Hail (1.00)
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Green County 4 SW Brodhead

28	1708CST				0	0	100.00K		Thunderstorm Wind (65EG)
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The Green County Emergency Manager reported \$100,000 of damage from severe thunderstorm winds 4 miles southwest of Brodhead. The damage included 2 barns/sheds with one losing it's roof to the powerful winds. The severe winds peeled siding off of one home, and broke windows and pushed in the door on another home.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, Southeast

Waukesha County 2 N Stonebank

28	1735CST			0	0			Hail (0.88)
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Waukesha County 2 N Stonebank

28	1735CST			0	0	5.00K		Thunderstorm Wind (61EG)
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Large pine trees were reported to be blown down by powerful thunderstorm winds by the public in Stone Bank.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Washington County 3 W Colgate

28	1737CST			0	0	10.00K		Thunderstorm Wind (61EG)
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Winds from a gustnado damaged the soffit on a home, felled trees and damaged fencing as reported by the public 3 miles west of Colgate.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Washington County Germantown

28	1745CST			0	0	10.00K		Thunderstorm Wind (56EG)
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Tress and power lines were reported to be blown down by powerful thunderstorm winds by the public in Germantown.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Jefferson County 2 S Palmyra

28	1750CST			0	0	3.00K		Thunderstorm Wind (52EG)
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Large tree branches, up to 12 inches in diameter, were broken off and blown 50 feet by powerful thunderstorm wind gusts about 1.5 miles southwest of Palmyra on Blue Spring Lake.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Ozaukee County Cedarburg

28	1754CST			0	0	5.00K		Thunderstorm Wind (56EG)
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Tress and power lines were reported to be blown down by powerful thunderstorm winds by the public in Cedarburg.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Ozaukee County Cedarburg

28	1759CST			0	0			Hail (1.25)
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A report from the public via Twitter stated 1.25 inch diameter hail fell in Cedarburg.

Waukesha County 2 SW Downtown Waukesha

28	1813CST			0	0	5.00K		Thunderstorm Wind (56EG)
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The public reported trees downed by powerful thunderstorm winds 2 miles southwest of the city of Waukesha.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Waukesha County 2 SE New Berlin

28	1822CST			0	0	20.00K		Thunderstorm Wind (52EG)
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The public reported trees downed by powerful thunderstorm winds 2 miles southeast of the city of New Berlin. A tree measuring 15 inches in diameter fell on a house.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Rock County Edgerton

28	1825CST			0	0	75.00K		Lightning
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Fire officials say lightning ignited a fire that damaged a 21-unit senior living facility in Edgerton, displacing 30 residents.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, Southeast

Ozaukee County Cedarburg

28	1850CST				0	0	20.00K		Lightning
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The Ozaukee County Sheriff Department reported a fire ignited by a lightning strike in the 3200 block of Twin Creeks Road in the town of Cedarburg.

The Memorial Day holiday became turbulent during the late afternoon and evening hours as a line of severe thunderstorms ahead of a cold front crossed southern Wisconsin, producing damaging winds gusts and large hail up to 1.25 inches in diameter. An unstable air mass was in place, with high temperatures in the upper 80s to around 90, and dew points in the lower 60s, that produced mixed-layer CAPE values of 1000-1800 J/kg, with forcing along the front enhanced by weak upper level divergence and weak differential vorticity advection. While directional shear was minimal, with above-surface winds unidirectional from the west, there was sufficient speed shear to support organized updrafts, and for the individual cells to merge into bowing line segments. Numerous reports of downed trees and power lines were received, as well as some minor structural damage. There were also many large hail reports, mainly along and south of a line from northern Sauk County, near Reedsburg and the Wisconsin Dells, to northern Ozaukee County near Port Washington. Fire officials in Edgerton, in northeast Rock County, and in the city of Jackson in Washington County reported structural fires caused by lightning strikes.

WISCONSIN, Southwest

Buffalo County Alma

02	2031CST				0	0	20.00K	0.00K	Thunderstorm Wind (61EG)
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Trees were blown down and power outages occurred in Alma. In addition, one inch hail covered the ground, damaged vehicles and a cracked at least one windshield.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Trempealeau County Strum

02	2049CST				0	0	0.00K	0.00K	Hail (1.00)
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Pea to quarter size hail covered the ground in Strum.

Trempealeau County Arcadia

02	2103CST				0	0	25.00K	0.00K	Thunderstorm Wind (61EG)
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Several mobile homes and trees were damaged in Arcadia.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Trempealeau County 1 N Arcadia Arpt

02	2105CST				0	0	0.00K	0.00K	Hail (1.25)
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Trempealeau County 3 SE Independence 3 ENE Blair

02	2113CST 2131CST				0	0	0.00K	173.00K	Thunderstorm Wind (61EG)
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A severe thunderstorm that tracked across central Trempealeau County caused crop damage to around 150 farms. Around 2000 acres of alfalfa were destroyed along with almost 1100 acres of corn. Most farmers were able to replant the lost corn acres.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Trempealeau County Whitehall

02	2117CST				0	0	10.00K	0.00K	Thunderstorm Wind (61EG)
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Trees and power lines were blown down in Whitehall.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Trempealeau County Blair

02	2127CST 2129CST				0	0	3.50M	0.00K	Thunderstorm Wind (65EG)
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Thunderstorms impacted the central portion of Trempealeau County near and in Blair. Nearly every structure in Blair was either damaged or destroyed by the hail or wind, with broken windows, siding or roof damage. The Blair-Taylor high and elementary schools suffered major damage to their roofs. A 25 to 30 unit mobile home park was evacuated after several mobile homes were moved off their foundations and ruptured natural gas lines. Numerous trees and power lines were blown down with power outages lasting up to 16 hours.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, Southwest

Jackson County Taylor

02	2138CST				0	0	5.00K	0.00K	Thunderstorm Wind (61EG)
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Trees were blown down and power outages occurred in Taylor.

A line of severe thunderstorms moved into and across parts of western Wisconsin during the late evening hours on May 2nd and produced damaging winds and large hail. Emergency management in Buffalo, Trempealeau and Jackson Counties reported trees, power lines, homes and roofs damaged along with power outages. The worst wind and hail damage occurred in the community of Blair, WI (Trempealeau County) where virtually every structure was either damaged or completely destroyed. The Blair-Taylor High School roof received major damage and a 25 to 30 unit mobile home park was evacuated after several homes were moved off their foundations rupturing natural gas lines. A power outage in Blair lasted up to 16 hours. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

La Crosse County 2 W Herrington

03	0622CST				0	0	5.00K	0.00K	Thunderstorm Wind (52EG)
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Power lines were blown down in the town of Shelby. More than 440 people were without power when a tree fell on a power line.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Adams County Big Flats

03	0630CST 0800CST				0	0	0.00K	0.00K	Heavy Rain
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In approximately an hour and a half, 2.7 inches of rain fell in Big Flats.

La Crosse County 1 W Holmen

03	0632CST				0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
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An estimated wind gust of 60 miles per hour occurred in Holmen.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

La Crosse County 2 SSW Council Bay

03	0635CST				0	0	1.00K	0.00K	Thunderstorm Wind (56EG)
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National Weather Service employee reported a couple of trees and six inch diameter branches were blown down north of Holmen.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Trempealeau County 1 W Galesville

03	0644CST				0	0	0.20K	0.00K	Thunderstorm Wind (52EG)
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A picnic table was flipped over and pea size hail fell in Galesville.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Adams County 1 SW Big Flats

03	0645CST				0	0	0.00K	0.00K	Hail (1.00)
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Dime to quarter size hail fell in Big Flats.

Jackson County Buckholz Corners

03	0800CST 1000CST				0	0	60.00K	0.00K	Lightning
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Lightning struck and caught a house on fire northwest of Melrose. The house was totally destroyed by the fire.

A line of severe thunderstorms moved along a stationary front and produced damaging winds and large hail across southwest and central Wisconsin in the morning hours of May 3rd. A National Weather Service employee reported a couple of trees knocked down in Holmen (La Crosse). One inch diameter size hail fell in Big Flats (Adams County).

Clark County 5 NW Tioga

03	2020CST				0	0	0.00K	0.00K	Hail (0.75)
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A line of scattered thunderstorms moving along and north of a stationary in the late evening hours of May 3rd produced three fourths of an inch in diameter size hail in Rock Dam Lake (Clark County).

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
WISCONSIN, Southwest									
Juneau County 4 NE Elroy	06	0615CST			0	0	5.00K	0.00K	Lightning
									Lightning struck and damaged a county communications tower. The lightning strike blew out the surge protectors damaging the power supply.
Adams County 4 NNW Grand Marsh	06	0637CST 0639CST			0	0	0.00K	0.00K	Hail (1.75)
									Quarter to golf ball sized hail fell at the intersection of County Road B and State Highway 82.
Grant County 4 S Preston	06	0742CST			0	0	0.00K	0.00K	Hail (1.00)
Grant County 1 NE Muscoda	06	1038CST			0	0	0.00K	0.00K	Hail (0.75)
									Pea to dime sized hail fell in Muscoda. Thunderstorms moving along a cold front produced up to golf ball size hail across southwest and central Wisconsin and lightning struck a communications tower in Juneau County in the morning hours of May 6th.
Jackson County 2 E Vaudreuil	07	0230CST 0530CST			0	0	0.00K	0.00K	Flood
									Heavy rains pushed the Black River out of its banks in Black River Falls. The river crested about a half foot above the flood stage during the early morning of May 7th. A line of severe thunderstorms moved into and across parts of western Wisconsin during the late evening hours on May 2nd and produced damaging winds and large hail. Emergency management in Buffalo, Trempealeau and Jackson Counties reported trees, power lines, homes and roofs damaged along with power outages. The worst wind and hail damage occurred in the community of Blair, WI (Trempealeau County) where virtually every structure was either damaged or completely destroyed. The Blair-Taylor High School roof received major damage and a 25 to 30 unit mobile home park was evacuated after several homes were moved off their foundations rupturing natural gas lines. A power outage in Blair lasted up to 16 hours.
Taylor County 1 W Bellinger	20	1144CST			0	0	0.00K	0.00K	Hail (1.00)
Taylor County 3 N Hannibal	20	1222CST			0	0	0.00K	0.00K	Hail (1.00)
									The hail covered the ground.
Taylor County 3 ENE Jump River	20	1235CST			0	0	0.00K	0.00K	Hail (1.00)
									A lot of penny to nickel sized hail fell with some quarter size stones mixed in.
Taylor County 1 WSW Bellinger	20	1258CST			0	0	7.00K	0.00K	Thunderstorm Wind (54EG)
									A roof was blown off an older building along County Highway A about a mile west of the Marathon County line. At the next farm, located just to the northwest, some trees were blown down. Note: The estimated wind gust of 54 knots is equivalent to 62 mph.
Taylor County 3 N Bellinger	20	1259CST			0	0	0.00K	0.00K	Hail (0.75)
									Thunderstorms rumbled across north central Wisconsin during the late morning and early afternoon of May 20th. These storms produced some large hail and a little bit of wind damage across Taylor County.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
WISCONSIN, Southwest									
WIZ029-042			Clark - Monroe						
	24	1415CST 1600CST			0	0	7.0K	0.00K	Strong Wind
Trempealeau County									
Arcadia	24	1548CST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
			Several trees were blown down in Arcadia. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.						
Trempealeau County									
Pleasantville	24	1600CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
			An estimated 60 mph wind gust occurred along with marble sized hail north of Whitehall. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.						
Taylor County									
4 S Donald	24	1605CST			0	0	7.00K	0.00K	Thunderstorm Wind (56EG)
			Numerous trees and powerlines were blown down near the intersection of County Highway H and Miller Avenue. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.						
Trempealeau County									
2 W Galesville	24	1610CST			0	0	0.00K	0.00K	Hail (0.75)
Taylor County									
1 N Hannibal	24	1616CST			0	0	0.00K	0.00K	Thunderstorm Wind (52EG)
			An estimated wind gust of 60 mph occurred along with 1 inch hail just north of Hannibal. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.						
Jackson County									
3 SE Taylor Halverson Arp	24	1628CST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
			Trees were blown down at the intersection of County Highway C and Hammond Road. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						
Clark County									
3 NNE Lake Arbutus	24	1652CST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
			Trees were blown down at the intersection of State Highway 95 and Riviera Ave. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.						
Clark County									
1 N Granton Cnngnam Arpt	24	1710CST			0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
			Trees were blown down along Starr Road south of Lynn. Note: The estimated wind gust of 50 knots is equivalent to 58 mph.						
Clark County									
4 W Longwood	24	1715CST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
			Trees were blown down at the intersection of Resewood Ave. and Colby Factory Road. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.						
Clark County									
1 WNW Atwood	24	1716CST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
			Trees were blown down at the intersection of County Highways P and N. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.						

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, Southwest

Clark County 2 S Dorchester

24	1725CST				0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
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Trees were blown down at the intersection of Pine Road and Hiline Ave.

Small lines of severe thunderstorms formed along a fast moving cold front during the afternoon of May 24th. These thunderstorms caused sporadic wind damage starting near Arcadia (Trempealeau County) and continued toward Longwood and Dorchester (Clark County). Most of the damage was limited to trees and power poles blown down. Before the cold front moved through, a strong gradient was in place. This produced wind gusts of 40 to 45 mph that blew down a cluster of maple trees near Wilton (Monroe County). Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

La Crosse County 2 N Calvert

26	1330CST 1530CST				0	0	0.00K	0.00K	Flood
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Locally heavy rain produced some street flooding in the city of La Crosse that included the intersection of U.S. Highways 14/61 (Mormon Coulee Road) and Losey Boulevard.

Buffalo County Nelson

26	1445CST				0	0	0.00K	0.00K	Hail (1.00)
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Buffalo County 2 N Tell

26	1503CST				0	0	3.50K	0.00K	Hail (1.75)
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Trempealeau County 1 N Chimney Rock

26	1548CST				0	1	20.00K	0.00K	Thunderstorm Wind (50EG)
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A semi and trailer were blown over causing State Highway 93 to be closed for about two and half hours north of Elk Creek. The driver of the semi sustained minor injuries but refused medical treatment.

Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Trempealeau County 2 S Elk Creek

26	1550CST				0	0	0.00K	0.00K	Hail (1.00)
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Adams County 1 N New Rome

26	2030CST				0	0	0.00K	0.00K	Hail (0.88)
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Adams County Big Flats

26	2030CST				0	0	6.00K	0.00K	Hail (1.75)
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The hail ranged in size from one inch up to golf ball in Big Flats.

Thunderstorms that developed over South Dakota during the early morning hours of May 26th held together past sunrise and intensified over southeast Minnesota during the late morning. These storms then produced large hail and locally heavy rain over portions of western Wisconsin during the afternoon and evening. Golf ball sized hail fell near Tell (Buffalo County) and some street flooding occurred in La Crosse (La Crosse County).

Adams County 4 WSW Big Spg

28	1500CST				0	0	1.00K	0.00K	Hail (1.00)
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Adams County 5 WSW Big Spg

28	1500CST				0	0	2.00K	0.00K	Thunderstorm Wind (50EG)
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Several trees were blown down near the intersection of State Highway 23 and County Road B.

Thunderstorms developed along and ahead of cold front during the afternoon of May 28th over central Wisconsin. These storms produced isolated reports of large hail and damaging winds near Big Spring (Adams County). Note: The estimated wind gust of 50 knots is equivalent to 58 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
WISCONSIN, West									
Pepin County									
1 N Pepin	02	2010CST			0	0	0.00K	0.00K	Hail (1.00)
	<p>Thunderstorms began to develop along a weak frontal boundary across southern Minnesota, between Springfield and Mankato. These storms moved to the east across portions of south central and east central Minnesota and spanned numerous reports of large hail, very heavy rainfall, and gusty winds. Most of the hail stones were one inch in diameter, however, a few reports of up to baseball size was reported near Mankato. These storms moved into west central Wisconsin and caused more hail near Lake Pepin.</p>								
St. Croix County									
5 N Somerset	03	0931CST			0	0	0.00K	0.00K	Hail (0.75)
St. Croix County									
1 SW Forest	03	1003CST			0	0	0.00K	0.00K	Hail (1.00)
Dunn County									
2 NNE Boyceville	03	1025CST			1	0	0.00K	0.00K	Thunderstorm Wind (52EG)
	<p>The local law enforcement officials indicated that a large tree limb broke off and fell on an individual and caused a fatality. M72UT</p> <p>Thunderstorms that developed across the Dakotas early Thursday morning, May 3rd, moved into portions of west-central, and central Minnesota. A few of these storms produced large hail. These storms caused another thunderstorm complex to develop in east-central Minnesota, and these moved eastward into west-central Wisconsin during the mid to late morning of May 3rd. M72UT Note: The estimated wind gust of 52 knots is equivalent to 60 mph.</p>								
Polk County									
1 NNE St Croix Falls	19	1835CST			0	0	2.00K	0.00K	Thunderstorm Wind (52EG)
	<p>A tree blew down on a power line in St. Croix Falls, Wisconsin.</p> <p>Note: The estimated wind gust of 52 knots is equivalent to 60 mph.</p>								
Polk County									
Luck	19	1848CST			0	0	4.00K	0.00K	Thunderstorm Wind (52EG)
	<p>A couple trees blew down on power lines in Luck, Wisconsin.</p> <p>Several waves of thunderstorms developed along a cold front Saturday afternoon, and evening across eastern Minnesota, and west-central Wisconsin. One of the thunderstorms bowed out across Polk County, and caused several trees to blow down. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.</p>								
Chippewa County									
1 S Holcombe	20	1150CST			0	0	0.00K	0.00K	Hail (1.00)
	<p>Thunderstorms developed along a cold front early Sunday afternoon and produced mostly small hail across eastern Chippewa and eastern Eau Claire Counties of west central Wisconsin. One of the storms became strong enough to produce quarter size hail near Cornell, Wisconsin.</p>								
Dunn County									
5 W Menomonie	24	1227CST			0	0	0.00K	0.00K	Hail (0.75)
Dunn County									
2 SW Eau Galle	24	1448CST 1450CST			0	0	0.00K	0.00K	Thunderstorm Wind (56EG)
	<p>Numerous trees were blown down from southwest of Eau Galle, northeast across Lake Eau Galle, which is north of the town of Eau Galle.</p> <p>Note: The estimated wind gust of 56 knots is equivalent to 64 mph.</p>								
Chippewa County									
1 SW Bloomer	24	1520CST			0	0	0.00K	0.00K	Hail (0.88)
Eau Claire County									
3 WSW Eau Claire	24	1525CST 1528CST			0	0	250.00K	0.00K	Thunderstorm Wind (65EG)

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, West

Widespread tree and power line damage occurred in the northwest side of Eau Claire. A trained spotter in his truck had severe straight line winds move it approximately four feet. The hardest hit area was around Carson Park and the Lakeview Cemetery where over 2000 soft and hardwood healthy trees were blown down. There were some residential areas that were affected by fallen trees and other debris which damaged their homes and cars. Plus, a 200 foot radio tower was blown down.

Note: The estimated wind gust of 65 knots is equivalent to 75 mph.

Chippewa County

1 SW (EAU)Eau Claire Arpt	24	1528CST 1530CST			0	0	100.00K	0.00K	Thunderstorm Wind (61EG)
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An airport hangar at the Chippewa Valley Regional Airport was destroyed by severe straight line winds. In addition, several large trees, up to 12 inches in diameter, were blown down near the north side of the airport.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Chippewa County

1 N (EAU)Eau Claire Arpt 1 SW Chippewa Falls	24	1530CST 1538CST			0	0	500.00K	0.00K	Thunderstorm Wind (61EG)
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Numerous trees were uprooted in the Village of Lake Hallie, or northeast of Eau Claire airport. In addition, several of the trees landed on houses and blocked roads, near 20th to 35th Avenue, and along 115th to 130th Street. Several of the trees had bases up to 3 feet in diameter, which caused damage to buildings, flipped over a recreational vehicle, and caused multiple power lines, and poles to blow down in Chippewa, Wisconsin.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Chippewa County

3 WNW (EAU)Eau Claire Arpt	24	1530CST 1533CST			0	0	50.00K	0.00K	Thunderstorm Wind (61EG)
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Several trees and power lines down were blown down from near Highway T and 30th Avenue, northeast to 50th Avenue. In addition, a large barn collapsed near County Hwy T and 30th Avenue.

Numerous showers and thunderstorms developed along a slowly moving cold front across west central Wisconsin. During the afternoon, a line of strong storms developed in southeast Minnesota, and raced northeast across west central Wisconsin, and caused several areas of downed power lines, many trees, and a radio tower near Eau Claire, Wisconsin. Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

St. Croix County

5 SSE Hudson	26	1030CST			0	0	750.00K	0.00K	Lightning
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The St. Croix County, Wisconsin, sheriff's office indicated that a fire in a \$1 million home in the 200 block of St. Anne's Parkway in Troy Township, just south of Hudson was caused by a lightning strike. Smoke and flames were shooting out of the large home's roof, where extensive damage occurred.

Dunn County

1 SE Eau Galle	26	1540CST			0	0	0.00K	0.00K	Hail (0.88)
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Pierce County

3 S Ellsworth	26	1540CST			0	0	0.00K	0.00K	Hail (1.00)
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Pierce County

4 SW Elmwood	26	1559CST 1603CST			0	0	0.00K	0.00K	Hail (1.75)
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Pierce County

Elmwood	26	1608CST			0	0	0.00K	0.00K	Hail (1.25)
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Eau Claire County

9 SW Eau Claire	26	1650CST			0	0	0.00K	0.00K	Hail (1.75)
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, West

Eau Claire County 7 SW Eau Claire

	26	1658CST			0	0	0.00K	0.00K	Hail (1.00)
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Eau Claire County 3 SSW Eau Claire

	26	1710CST			0	0	0.00K	0.00K	Hail (0.75)
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A large thunderstorm complex that developed across southern Minnesota during the afternoon of Saturday, May 26th, quickly became severe as it moved into portions of west central Wisconsin. Golf ball size hail was reported southwest of Eau Claire, Wisconsin.

Polk County 1 S Frederic 3 NE Clam Falls

	27	1820CST			0	0	20.00K	0.00K	Thunderstorm Wind (56EG)
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Several thunderstorms moved across northern Polk County between Frederic and Clam Falls and caused a few trees to be uprooted, along with several power poles blown down. In addition, one tree landed on a home, with others blocking county and state roads.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Polk County 1 SE Frederic

	27	1837CST			0	0	0.00K	0.00K	Hail (0.88)
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Polk County 2 NNE Luck

	27	1913CST			0	0	0.00K	0.00K	Tornado (EF0)
		1915CST	0.19	25	0	0	0.00K	0.00K	

A tornado occasionally touched down during a two minute span filmed by a storm chaser. It appeared to be rather weak. The tornado touched down in a marsh area and caused no damage.

Polk County 2 E Lewis 3 N Frederic

	27	2200CST			0	0	100.00K	0.00K	Flash Flood
	28	0200CST			0	0	100.00K	0.00K	

Very heavy rainfall occurred across a large area of northern Polk County and caused road closures, road damage and washouts from the communities of Luck, Eureka, Laketown, West Sweden, Clam Falls, Frederic and Lewis. Based on road damage alone in the 7 towns, up to \$100,000 in expected in damages.

Bands of thunderstorms developed during the evening of Sunday, May 27th, across portions of southwest, and east central Minnesota. The storms that moved from east central Minnesota, northeast into west central Wisconsin, became severe, along with several rounds of the storms in Polk County. This caused flash flooding in the county, along with rainfall amounts as high as 2 to 4 inches in less than 3 hours. In addition, two separate storms caused a few trees to blow down near Frederic and Clam Falls. One brief weak tornado touched down northeast of Luck.

WYOMING, Central and West

Fremont County (RIW)Riverton Rgnl A

	18	1420MST			0	0	0.00K	0.00K	Thunderstorm Wind (67MG)
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A strong thunderstorm moved over Riverton Regional Airport where the ASOS recorded a 77 mph wind gust.

Note: The measured wind gust of 67 knots is equivalent to 77 mph.

Fremont County 17 SE Jeffrey City

	18	1425MST			0	0	0.00K	0.00K	Thunderstorm Wind (55MG)
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Thunderstorm outflow produced a 63 mph wind gust at Camp Creek RAWs in the Green Mountains.

Note: The measured wind gust of 55 knots is equivalent to 63 mph.

Fremont County 1 N Riverton

	18	1428MST			0	0	0.00K	1.00K	Thunderstorm Wind (61EG)
		1433MST			0	0	0.00K	1.00K	

Strong thunderstorm outflow caused minor damage to displays and collapsible awnings at the Walmart Outdoor Expo where NWS employees were staffing an outreach booth.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WYOMING, Central and West

Fremont County

(RIW)Riverton Rgnl A

18	1429MST				0	0	0.00K	0.00K	Thunderstorm Wind (53MG)
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The ASOS at Riverton Regional Airport registered a wind gust to 61 mph.

Two strong thunderstorms formed over Fremont County and produced severe wind gusts at Riverton and an automated observing site in the Green Mountains. Note: The measured wind gust of 53 knots is equivalent to 61 mph.

WYZ025-030

East Sweetwater County - Upper Green River Basin - Upper Green River Basin Foothills

26	1113MST				0	0	0.00K	0.00K	High Wind
	1527MST								

A strong low pressure system that developed over the eastern Great Basin brought strong southerly wind to Sweetwater and Sublette counties. Gusts around 60 mph were recorded at the airports at Rock Springs, Pinedale, and Big Piney.

WYZ019-020

Green Mountains & Rattlesnake Range - Natrona County Lower Elevations

27	1050MST				0	0	0.00K	0.00K	High Wind
	1636MST								

A tight pressure gradient across the area allowed strong southwest wind to develop along the Green Mountains northeast through Natrona County. Gusts to 64 mph were recorded for several hours in the mountains and sustained wind over 40 mph was measured along Interstate 25 north of Casper.

WYOMING, Southeast

Laramie County

7 NNW Pine Bluffs

05	1615MST				0	0	0.00K	0.00K	Hail (1.00)
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Quarter sized hail was reported.

Laramie County

1 N Pine Bluffs

05	1625MST				0	0	0.00K	0.00K	Hail (2.00)
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Hen egg sized hail was reported in Pine Bluffs.

Laramie County

1 N Pine Bluffs

05	1627MST				0	0	0.00K	0.00K	Hail (1.25)
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Half dollar sized hail with siding damage was reported in Pine Bluffs.

Laramie County

1 N Pine Bluffs

05	1629MST				0	0	0.00K	0.00K	Hail (1.50)
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Ping pong ball sized hail was reported in Pine Bluffs.

Laramie County

1 N Pine Bluffs

05	1640MST				0	0	0.00K	0.00K	Hail (1.75)
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Golf ball sized hail was reported in Pine Bluffs.

Severe thunderstorms developed over eastern Laramie County in southeast Wyoming during the late afternoon and produced several reports of hail up to two inches in diameter.

Platte County

5 SSE Wendover

18	1309MST				0	0	0.00K	0.00K	Tornado (EF0)
	1318MST	0.99	50						

A small weak tornado touched down north of Highway 26 near mile marker 8. The tornado remained in open country with no damage reported.

A weak tornado touched down in northern Platte County west of Guernsey.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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WYOMING, Southeast



EF0 tornado west of Quernsey, WY. Photo courtesy of the Wyoming State Parks/Guernsey staff.

WYZ110

North Snowy Range Foothills

22	1205MST								
	1530MST				0	0	0.00K	0.00K	High Wind

High-based showers produced strong outflow wind gusts near Elk Mountain.

WYZ115

Laramie Valley

25	1050MST								
	1542MST				0	0	0.00K	0.00K	High Wind

High-based showers produced strong outflow wind gusts at Laramie.

WYZ109-116

Central Carbon County - North Snowy Range Foothills - South Laramie Range

26	1806MST								
	1940MST				0	0	0.00K	0.00K	High Wind

A tight pressure gradient ahead of a low pressure system in northern Colorado produced strong and gusty winds from Rawlins to Arlington and between Cheyenne and the Interstate 80 Summit.

WYZ110

North Snowy Range Foothills

28	0815MST								
	0840MST				0	0	0.00K	0.00K	High Wind

High-based showers produced strong outflow wind gusts in the Arlington area.

GULF OF MEXICO

GMZ532

Mississippi Sound

02	0842CST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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A moist, unstable airmass combined with an upper level disturbance to produce strong thunderstorms during the morning and afternoon hours.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GULF OF MEXICO

GMZ630

Mobile Bay

06	1640CST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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A thunderstorm produced high winds over Mobile Bay.

GULF OF MEXICO

GMZ755

Suwannee River to Apalachicola FL out 20nm

06	1823EST				0	0	0.00K	0.00K	Waterspout
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Very steep lapse rates were in place atop rich boundary layer moisture with 500 mb temperatures from -11C to -14C. This supported strong instability with afternoon SBCAPE values exceeding 3000 J/Kg over land. Winds aloft were weak, so storms were mainly pulse in nature with brief-lived intense cores. Storms became semi-organized along a common outflow late in the day and shifted southward. As storms moved offshore, they produced a few waterspouts over Saint George Island Bay.

GULF OF MEXICO

GMZ230

Corpus Christi to Baffin Bay

08	0710CST				0	0	0.00K		Waterspout
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A waterspout formed over Corpus Christi Bay during the early morning hours of May 8th.

GULF OF MEXICO

GMZ532

Mississippi Sound

09	1042CST				0	0	0.00K	0.00K	Waterspout
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Isolated thunderstorms developed along a southward moving cold front. Several waterspouts were reported with these thunderstorms. One such waterspout moved across Grand Isle as a tornado.

GULF OF MEXICO

GMZ650

Pensacola FL to Pascagoula MS out 20nm

09	1105CST				0	0	0.00K	0.00K	Waterspout
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Six waterspouts reported by US Coast Guard aircraft crews over the Mississippi Sound between Dauphin Island and Coden.

GULF OF MEXICO

GMZ552

Coastal Waters From Southwest Pass Of The Mississippi River To Port Fourchon Louisiana Out 20 Nm

09	1325CST				0	0	0.00K	0.00K	Waterspout
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Isolated thunderstorms developed along a southward moving cold front. Several waterspouts were reported with these thunderstorms. One such waterspout moved across Grand Isle as a tornado.

GULF OF MEXICO

GMZ032-042>044

Gulf Side of the Lower Keys out 20nm - Hawk Channel From Craig Key To West End Of Seven Mile Bridge Out To The Reef - Hawk Channel From Ocean Reef To Craig Key Out To The Reef - Hawk Channel From West End Of Seven Mile Bridge To Halfmoon Shoal Out To The Reef

10	0811EST				0	0	0.00K	0.00K	Waterspout
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Numerous showers arranged in convective cloud lines nearly parallel to the Florida Keys produced numerous waterspouts throughout the day. Unlike more common waterspout events involving light east-northeast winds in the lower troposphere, this episode occurred in a regime of light west-southwest winds.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GULF OF MEXICO

GMZ250	Point Aransas to Baffin Bay TX out 20nm								
	10	1348CST			0	0	0.00K	0.00K	Marine Thunderstorm Wind

GMZ230	Corpus Christi to Baffin Bay								
	10	1357CST			0	0	0.00K	0.00K	Marine Hail
	10	1400CST			0	0	0.00K	0.00K	Marine Thunderstorm Wind
	10	1401CST							
		1402CST			0	0	0.00K	0.00K	Waterspout
	10	1406CST							
		1430CST			0	0	0.00K	0.00K	Marine Thunderstorm Wind
	10	1406CST							
		1418CST			0	0	0.00K	0.00K	Marine Thunderstorm Wind

GMZ250	Point Aransas to Baffin Bay TX out 20nm								
	10	1412CST			0	0	0.00K	0.00K	Marine Hail

GMZ230	Corpus Christi to Baffin Bay								
	10	1412CST			0	0	0.00K	0.00K	Marine Thunderstorm Wind

GMZ250	Point Aransas to Baffin Bay TX out 20nm								
	10	1424CST			0	0	0.00K	0.00K	Marine Hail

GMZ230-235-250	Corpus Christi to Baffin Bay - Point Aransas to Baffin Bay TX out 20nm - Point O'Connor to Aransas Pass								
	10	1448CST							
		2318CST			0	0	0.00K	0.00K	Marine Thunderstorm Wind
	11	0142CST			0	0	0.00K	0.00K	Marine Thunderstorm Wind

A long track supercell thunderstorm moved into the coastal waters during the afternoon of May 10th. This storm produced damaging winds and large hail. Later that night, a severe squall line moved through the Coastal Bend and coastal waters of the Middle Texas Coast. The squall line produced widespread wind gusts of 60 to 75 mph.

GULF OF MEXICO

GMZ450	Cameron LA to High Island TX out 20nm								
	11	0237CST			0	0	0.00K	0.00K	Marine Thunderstorm Wind

Consecutive days of high wind gusts over the coastal waters was observed as thunderstorms affected the Gulf of Mexico.

GULF OF MEXICO

GMZ335-355	Galveston Bay - High Island to Freeport TX out 20nm								
	11	0254CST							
		0339CST			0	0	0.00K	0.00K	Marine Thunderstorm Wind

A strong squall line with a large bowing line segment moved across the coastal counties and nearshore waters of southeast Texas during the early morning hours of May 11th.

GULF OF MEXICO

GMZ455-470	Atchafalaya River to Intracoastal City LA out 20nm - Cameron LA to High Island TX 20 to 60nm								
	11	0640CST							
		0645CST			0	0	0.00K	0.00K	Marine Thunderstorm Wind

Consecutive days of high wind gusts over the coastal waters was observed as thunderstorms affected the Gulf of Mexico.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Property Damage	Crops	Character of Storm
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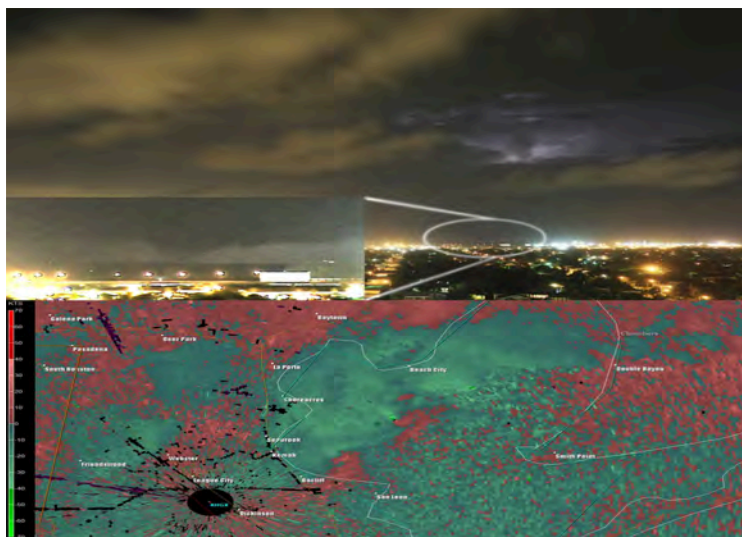
GULF OF MEXICO

GMZ335

Galveston Bay

11	2215CST				0	0	0.00K	0.00K	Waterspout
	2220CST								

The eastern edge of a stalled east-to-west oriented thunderstorm complex produced a waterspout.



Galveston Bay Waterspout

GULF OF MEXICO

GMZ450-452-455-472-475

Atchafalaya River to Intracoastal City LA 20 to 60nm - Atchafalaya River to Intracoastal City LA out 20nm - Cameron LA to High Island TX out 20nm - Intracoastal City LA to Cameron LA 20 to 60nm - Intracoastal City LA to Cameron LA out 20nm

12	0241CST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
	1035CST								

Consecutive days of high wind gusts over the coastal waters was observed as thunderstorms affected the Gulf of Mexico.

GULF OF MEXICO

GMZ655

Destin to Pensacola FL out 20nm

13	0617CST				0	0	0.00K	0.00K	Waterspout
	0619CST								

A waterspout was reported just west of mid bay bridge in choctawhatchee bay.

GULF OF MEXICO

GMZ755

Suwannee River to Apalachicola FL out 20nm

14	1155EST				0	0	0.00K	0.00K	Waterspout
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A moist and unstable airmass was in place. Modified sounding CAPE values of 1700-2500 J/kg occurred during the afternoon. Showers and thunderstorms increased in coverage during the afternoon hours. The effective shear values were in the 20-25 knot range and one waterspout occurred just off the Franklin county coast.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GULF OF MEXICO

GMZ230

Corpus Christi to Baffin Bay

15	1341CST				0	0			Marine Hail
15	1348CST				0	0			Marine Thunderstorm Wind
	1400CST								

GMZ250

Point Aransas to Baffin Bay TX out 20nm

15	1400CST				0	0			Marine Thunderstorm Wind
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The strong to severe thunderstorms that formed over the Coastal Bend moved into the coastal waters in the afternoon. The storms produced strong winds over portions of the coastal waters.

GULF OF MEXICO

GMZ044

Hawk Channel From West End Of Seven Mile Bridge To Halfmoon Shoal Out To The Reef

15	2323EST				0	0	0.00K	0.00K	Waterspout
	2345EST								

A large, mature waterspout was observed in close to the south shoreline of Key West. The waterspout was associated with a rapidly developing thunderstorm near a low-level convergence line.

GULF OF MEXICO

GMZ853

Englewood to Tarpon Springs FL out 20nm

16	1007EST				0	0	0.00K	0.00K	Waterspout
	1011EST								

A weak trough axis moving over the eastern Gulf of Mexico produced scattered thunderstorms that moved onshore throughout the morning. One of these storms produced a brief lived waterspout as it neared Indian Shores.

GULF OF MEXICO

GMZ032-042

Gulf Side of the Lower Keys out 20nm - Hawk Channel From Ocean Reef To Craig Key Out To The Reef

19	0545EST				0	0	0.00K	0.00K	Waterspout
	0748EST								

Airplane pilots reported waterspouts in association with showers near the Florida Keys.

GULF OF MEXICO

GMZ452

Intracoastal City LA to Cameron LA out 20nm

21	1715CST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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A strong thunderstorm produced a high wind gust over the coastal waters.

GULF OF MEXICO

GMZ032

Gulf Side of the Lower Keys out 20nm

22	0926EST				0	0	0.00K	0.00K	Waterspout
	0928EST								

An isolated waterspout was observed in association with a developing cumulus congestus cloud line along the north side of the Lower Florida Keys.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GULF OF MEXICO

GMZ830

Tampa Bay

25	1753EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Easterly winds allowed for seabreeze thunderstorm to develop along the southwest coast of the Florida peninsula and moving over the Tampa Bay area, generating strong marine thunderstorm gusts.

GULF OF MEXICO

GMZ032

Gulf Side of the Lower Keys out 20nm

26	1617EST				0	0	0.00K	0.00K	Waterspout
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Waterspouts developed in association with a cumulus congestus cloud line along the north side of the Lower Florida Keys.

GULF OF MEXICO

GMZ850

Tarpon Springs to Suwannee River FL out 20nm

28	1912EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
	1924EST								

GMZ853

Englewood to Tarpon Springs FL out 20nm

29	0700EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Tropical Storm Beryl made landfall near Jacksonville early on the 28th, then became a tropical depression less than 12 hours later as it curved northward to the Georgia border. Beryl created onshore flow in west central Florida leading to isolated areas of heavy rain and tornadoes.

GULF OF MEXICO

GMZ032

Gulf Side of the Lower Keys out 20nm

29	1139EST				0	0	0.00K	0.00K	Waterspout
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Waterspouts were observed in association with a cumulus cloud line aligned parallel and north of U.S. Highway One.

GULF OF MEXICO

GMZ850

Tarpon Springs to Suwannee River FL out 20nm

29	1205EST				0	0	0.00K	0.00K	Waterspout
	1213EST								

GMZ830

Tampa Bay

29	1600EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Tropical Storm Beryl made landfall near Jacksonville early on the 28th, then became a tropical depression less than 12 hours later as it curved northward to the Georgia border. Beryl created onshore flow in west central Florida leading to isolated areas of heavy rain and tornadoes.

GULF OF MEXICO

GMZ032

Gulf Side of the Lower Keys out 20nm

29	1615EST				0	0	0.00K	0.00K	Waterspout
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Waterspouts were observed in association with a cumulus cloud line aligned parallel and north of U.S. Highway One.

GMZ044-052

Hawk Channel From West End Of Seven Mile Bridge To Halfmoon Shoal Out To The Reef - Ocean Reef to Craig Key FL out 20nm

30	1003EST				0	0	0.00K	0.00K	Waterspout
	1138EST								

Waterspouts were observed in association with cumulus cloud lines and developing showers. The first waterspouts were observed near Key Largo. Later, more waterspouts developed near the Lower Keys and Key West.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GULF OF MEXICO

GMZ530-532-534

Lake Borgne - Lake Ponchartrain and Lake Maurepas - Mississippi Sound

31	1425CST 1648CST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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An upper level disturbance combined with an unstable airmass to produce scattered thunderstorms across southeast Louisiana.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ135

Pamlico Sound

01	1805EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
01	1915EST				0	0	0.00K	0.00K	Marine Hail

AMZ130

Albemarle Sound

01	1915EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Two weak upper level disturbances crossed through northeastern North Carolina during the early evening hours of May 1st and May 2nd, 2012. A few severe storms occurred which produced marine thunderstorm wind gusts.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ252

Cape Fear to Little River Inlet NC out 20nm

05	2116EST 2120EST				0	0			Marine Thunderstorm Wind
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A cold front collided with the sea breeze boundary to produce strong thunderstorms.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ555

Cocoa Beach to Jupiter Inlet FL out 20nm

07	1409EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Several storms formed along the east coast sea breeze as a frontal boundary pushed south across northeast Florida, bringing an increase in moisture and lift. One of these storms became strong and produced high winds in Vero Beach before moving into the local coastal waters.

AMZ552

Volusia-Brevard County Line to Sebastian Inlet 0 to 20nm

09	1335EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Scattered showers and thunderstorms formed ahead of a large scale frontal boundary, producing high wind gusts along the Volusia and Brevard County coastlines and across the adjacent Atlantic waters.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ610-630

Biscayne Bay - Lake Okeechobee

09	1355EST 1612EST				0	0			Marine Thunderstorm Wind
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Abundant tropical moisture along with an unstable air mass produced scattered afternoon and evening showers and thunderstorms.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ552

Volusia-Brevard County Line to Sebastian Inlet 0 to 20nm

09	1715EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Scattered showers and thunderstorms formed ahead of a large scale frontal boundary, producing high wind gusts along the Volusia and Brevard County coastlines and across the adjacent Atlantic waters.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ450			Altamaha Sound to Fernandina Beach FL out 20nm						
	09	1735EST			0	0			Marine Thunderstorm Wind
	An approaching frontal system and passing upper level energy brought a warm and moist southwest flow over the area. Increased instability and active sea breeze and outflows sparked isolated strong to severe storms.								

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ610			Lake Okeechobee						
	10	1401EST			0	0			Marine Thunderstorm Wind
	A moist and unstable air mass ahead of a weak cold front produced scattered afternoon thunderstorms across South Florida.								

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ156			Ocracoke Inlet to Cape Lookout NC out 20nm						
	11	0800EST			0	0	0.00K	0.00K	Waterspout
	A waterspout was observed off the Core Banks of Carteret County.								

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ651			Deerfield Beach to Ocean Reef FL						
	11	1142EST							
		1150EST			0	0	0.00K	0.00K	Waterspout
	A weak cold front near Lake Okeechobee along with abundant tropical moisture and instability ahead of it led to waterspouts over the Atlantic waters east of South Florida.								
	14	0744EST							
		0800EST			0	0			Waterspout
	14	0915EST							
		0935EST			0	0			Waterspout
	Increasing moisture being pulled north ahead of a deepening upper level trough of low pressure over the eastern U.S. produced waterspouts over the Atlantic waters.								

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ450			Altamaha Sound to Fernandina Beach FL out 20nm						
	14	1630EST			0	0			Marine Thunderstorm Wind
	A lingering surface trough, passing upper level energy from a short wave trough and the sea breezes combined over an unstable airmass and southwest steering flow to produce scattered severe storms during the afternoon and evening.								

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ354			Savannah GA to Altamaha Sound GA out 20nm						
	14	1747EST							
		1748EST			0	0	0.00K	0.00K	Marine Thunderstorm Wind
	Thunderstorms developed in the afternoon hours ahead of a nearly stationary front positioned to the west, and eventually moved eastward across the coastal waters.								

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ552			Volusia-Brevard County Line to Sebastian Inlet 0 to 20nm						
	15	1800EST			0	0	0.00K	0.00K	Marine Thunderstorm Wind
	Several storms developed ahead of a mid-level trough, causing several strong to severe wind gusts along the Brevard County coastline before continuing offshore.								

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ610

Lake Okeechobee

17	1645EST				0	0			Marine Thunderstorm Wind
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A weak upper level trough over the Florida peninsula along with abundant moisture and instability caused scattered afternoon thunderstorms.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ452

Fernandina Beach to St. Augustine FL out 20nm

17	1705EST				0	0			Marine Thunderstorm Wind
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A surface low drifted over eastern Ga during the afternoon and evening with a trough extending to its WSW. This feature combined with active sea breezes and a very unstable airmass (noted 500 mb temperatures between -14 and -15 deg C) created scattered severe storms during the afternoon and evening.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ552

Volusia-Brevard County Line to Sebastian Inlet 0 to 20nm

17	1838EST				0	0	0.00K	0.00K	Marine Hail
17	1945EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
17	2115EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind

The east coast sea breeze formed in the early afternoon and propagated inland, eventually colliding with the west coast sea breeze over the central peninsula. Storms moved to the east to the coast where they produced strong winds as they moved offshore into the Atlantic waters.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ610-630-650

Biscayne Bay - Jupiter Inlet to Deerfield Beach FL out 20nm - Lake Okeechobee

18	1324EST				0	0			Marine Thunderstorm Wind
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A strong upper level trough of low pressure moved across South Florida causing numerous strong to severe thunderstorms during the afternoon.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ555

Cocoa Beach to Jupiter Inlet FL out 20nm

19	1450EST				0	0	0.00K	0.00K	Marine Hail
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Strong to severe thunderstorms moved north across the Martin County coastline. Severe hail fell from this activity as cold temperatures aloft made for a very unstable atmosphere.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ610-651

Deerfield Beach to Ocean Reef FL - Lake Okeechobee

20	1902EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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A strong and persistent upper-level trough over the Gulf of Mexico continued to provide a moist and unstable air mass across south Florida and the adjacent local waters.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ555

Cocoa Beach to Jupiter Inlet FL out 20nm

22	1402EST				0	0	0.00K	0.00K	Marine Hail
22	1420EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind

Wet season-like thunderstorms formed during the afternoon across the central Florida peninsula and moved northeast, producing strong wind gusts along the east coast as they interacted with the east coast sea breeze before moving over the Atlantic waters. Large hail also occurred.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
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ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ450	Altamaha Sound to Fernandina Beach FL out 20nm								
	22	2115EST			0	0			Marine Thunderstorm Wind

A mid and upper level trough moved over the area during the afternoon and evening which triggered scattered severe storms. Upper level temperatures at 500 mb were around -13 to -15 deg C which provided significant destabilization.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ370	South Santee River SC to Savannah GA 20 to 40nm								
	22	2351EST 2352EST			0	0	0.00K	0.00K	Marine Thunderstorm Wind
	23	0106EST 0107EST			0	0	0.00K	0.00K	Marine Thunderstorm Wind

A well defined upper low interacted with a typically unstable late May airmass to produce severe thunderstorms inland during the afternoon and evening hours. Eventually these thunderstorms moved out over the adjacent coastal waters and other thunderstorms also developed.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ630-651	Biscayne Bay - Deerfield Beach to Ocean Reef FL								
	24	1055EST 1102EST			0	0			Marine Thunderstorm Wind
	24	1135EST 1230EST			0	0			Marine High Wind
	AMZ651	Deerfield Beach to Ocean Reef FL							
24		1146EST			0	0			Marine Thunderstorm Wind
AMZ630	Biscayne Bay								
	24	1154EST 1218EST			0	0			Marine High Wind

An area of low pressure, which a few days later became Tropical Storm Beryl off the SE United States coast, rapidly developed along a surface trough over the Florida Keys and then moved northeast along the Florida coast causing strong wind gusts. There were also scattered strong thunderstorms.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ472	Fernandina Beach to St. Augustine FL 20 to 60nm								
	27	1016EST 2100EST			0	0			Marine High Wind

Tropical Storm Beryl moved onshore on the northeast Florida coast the night of Sunday May 27th...and moved slowly inland across north Florida Monday the 28th and on the 29th began to recurve to the northeast over south Georgia. Tropical storm force winds caused tree and power line damage mainly impacting coast counties late on the 27th and during the early morning hours of the 28th. The strongest winds measured was a 73 mph gust at 10:35 pm on the 27th at Buck Island on the St. Johns River, just west of Mayport. On the 28th and 29th, as Beryl tracked slowly over north Florida and south Georgia, flooding rainfall developed with storm total rainfall amounts of 6 to 15 inches reported across northeast Florida and southeast Georgia.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ330	Charleston Harbor								
	27	1100EST 1115EST			0	0	3.0K	0.00K	Marine Strong Wind

Beryl developed as a Subtropical Storm over the Atlantic Ocean. The cyclone eventually became a Tropical Storm and slowly moved to the southwest and finally made landfall along the northeast Florida coast. The system then weakened to a Tropical Depression and meandered about before slowly moving back to the northeast across coastal portions of Georgia and South Carolina. The system produced tropical storm force winds, rip currents, and areas of heavy rainfall across the region.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ452	Fernandina Beach to St. Augustine FL out 20nm								
	27	1730EST			0	0			Marine High Wind
		2021EST							

Tropical Storm Beryl moved onshore on the northeast Florida coast the night of Sunday May 27th...and moved slowly inland across north Florida Monday the 28th and on the 29th began to recurve to the northeast over south Georgia. Tropical storm force winds caused tree and power line damage mainly impacting coast counties late on the 27th and during the early morning hours of the 28th. The strongest winds measured was a 73 mph gust at 10:35 pm on the 27th at Buck Island on the St. Johns River, just west of Mayport. On the 28th and 29th, as Beryl tracked slowly over north Florida and south Georgia, flooding rainfall developed with storm total rainfall amounts of 6 to 15 inches reported across northeast Florida and southeast Georgia.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ550-552	Flagler Beach to Cocoa Beach FL out 20nm - Volusia-Brevard County Line to Sebastian Inlet 0 to 20nm								
	28	1212EST			0	0	0.00K	0.00K	Marine Thunderstorm Wind
		1327EST							

Tropical Storm Beryl made landfall near Jacksonville, FL overnight between May 27 and May 28. Outer rainbands from the storm circulated across the Atlantic waters off east central Florida and produced gusty winds.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ650	Jupiter Inlet to Deerfield Beach FL out 20nm								
	28	1758EST			0	0			Waterspout
	Tropical Storm Beryl and its outer convergence bands continued to produce scattered afternoon and evening thunderstorms across South Florida.								

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ370	South Santee River SC to Savannah GA 20 to 40nm								
	30	0102EST			0	0	0.00K	0.00K	Marine Thunderstorm Wind
		0103EST							

Beryl developed as a Subtropical Storm over the Atlantic Ocean. The cyclone eventually became a Tropical Storm and slowly moved to the southwest and finally made landfall along the northeast Florida coast. The system then weakened to a Tropical Depression and meandered about before slowly moving back to the northeast across coastal portions of Georgia and South Carolina. The system produced tropical storm force winds, rip currents, and areas of heavy rainfall across the region.

ATLANTIC, Caribbean Sea and Tropical Atlantic

AMZ250-252	Cape Fear to Little River Inlet NC out 20nm - Surf City to Cape Fear NC out 20nm								
	30	1113EST			0	0	0.00K	0.00K	Marine Thunderstorm Wind
		1235EST							

Beryl came ashore as a tropical storm on May 28th along the Florida/Georgia border. The system weakened to a tropical depression as it moved northeast along the North Carolina coast. The region experienced some minor flooding and some trees were blown down...mainly due to the saturated soil.

ATLANTIC, North

ANZ533-536	Chesapeake Bay North Beach to Drum Point MD - Tidal Potomac Indian Head to Cobb Island MD								
	02	0430EST			0	0			Marine Thunderstorm Wind
		0518EST							

A cold front moved in from the Atlantic Ocean during the 2nd. Moderate instability combined with forcing from the front to trigger some showers and thunderstorms. A few thunderstorms produced gusty winds.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ATLANTIC, North

ANZ535

Tidal Potomac Key Bridge to Indian Head MD

04	1105EST				0	0			Marine Thunderstorm Wind
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A stationary boundary combined with warm and humid air ahead of it to trigger showers and thunderstorms. An isolated thunderstorm produced gusty winds.

ATLANTIC, North

ANZ634-656

Cape Charles Light VA to NC-VA border out 20nm - Chesapeake Bay From Little Creek

04	2230EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
----	---------	--	--	--	---	---	-------	-------	--------------------------

Isolated thunderstorm in advance of a cold front produced gusty winds across portions of the Chesapeake Bay.

ATLANTIC, North

ANZ535

Tidal Potomac Key Bridge to Indian Head MD

09	1717EST				0	0			Marine Thunderstorm Wind
----	---------	--	--	--	---	---	--	--	--------------------------

A pressure trough combined with moderate instability to cause showers and a few thunderstorms. An isolated thunderstorm produced gusty winds.

27	2018EST				0	0			Marine Thunderstorm Wind
----	---------	--	--	--	---	---	--	--	--------------------------

ANZ536

Tidal Potomac Indian Head to Cobb Island MD

27	2028EST				0	0			Marine Thunderstorm Wind
----	---------	--	--	--	---	---	--	--	--------------------------

A surface trough combined with warm and humid air to trigger showers and thunderstorms. Some thunderstorms produced gusty winds.

ATLANTIC, North

ANZ450

Sandy Hook to Manasquan Inlet NJ out 20nm

29	2000EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
----	---------	--	--	--	---	---	-------	-------	--------------------------

The gust front that originated from a squall line produced some strong gusty winds along the northern New Jersey coast during the evening of the 29th.

ATLANTIC, North

ANZ536

Tidal Potomac Indian Head to Cobb Island MD

29	2050EST				0	0			Marine Thunderstorm Wind
----	---------	--	--	--	---	---	--	--	--------------------------

A surface trough combined with warm and humid air to trigger showers and thunderstorms. An isolated thunderstorm produced gusty winds.

LAKE HURON

LHZ421-422

Inner Saginaw Bay & SW of Point Au Gres to Bay Port MI - Outer Saginaw Bay & SW of Alabaster to Point Austin MI

03	0700EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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A few strong thunderstorms moved through Saginaw Bay.

LAKE HURON

LHZ363

Sturgeon Point to Alabaster MI 5nm offshore to the US/Canadian Border

03	0700EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Thunderstorms produced high winds near the entrance to Saginaw Bay.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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LAKE HURON

LHZ422

Inner Saginaw Bay & SW of Point Au Gres to Bay Port MI

03 1620EST 0 0 0.00K 0.00K Marine Thunderstorm Wind
A few strong thunderstorms moved through Saginaw Bay.

27 0855EST 0 0 0.00K 0.00K Marine Thunderstorm Wind

LHZ421

Outer Saginaw Bay & SW of Alabaster to Point Austin MI

27 0900EST 0 0 0.00K 0.00K Marine Thunderstorm Wind
A strong thunderstorm moved through Saginaw Bay.

LAKE HURON

LHZ348-349

Presque Island Light to Sturgeon Point MI - Sturgeon Point to Alabaster MI

27 1430EST 0 0 0.00K 0.00K Marine Thunderstorm Wind
1453EST

Strong thunderstorms moved off of Northeast Lower Michigan and onto Lake Huron in the afternoon.

LHZ349

Sturgeon Point to Alabaster MI

28 2313EST 0 0 0.00K 0.00K Marine Thunderstorm Wind
Thunderstorms produced gusty winds along the coast near Oscoda.

LAKE MICHIGAN

LMZ345-346

Manistee to Point Betsi MI - Sleeping Bear Point to Manistee MI

03 0700EST 0 0 0.00K 0.00K Marine Thunderstorm Wind
1210EST

LMZ323

Grand Traverse Bay & Norwood to Grand Traverse Light MI

03 1235EST 0 0 0.00K 0.00K Marine Hail
Thunderstorms produced wind and hail along the Northwest Lower Michigan coast.

LAKE MICHIGAN

LMZ645

North Point Light to Wind Point WI

15 1745CST 0 0 0.00K 0.00K Marine Thunderstorm Wind
Scattered thunderstorms developing during the late afternoon along a cold front which briefly affected portions of the near shore waters of Lake Michigan.

LAKE MICHIGAN

LMZ740

Winthrop Harbor to Wilmette Harbor IL

15 1800CST 0 0 0.00K 0.00K Marine Thunderstorm Wind
During the evening of May 15th, a line of thunderstorms developed across portions of Wisconsin and northern Illinois.

LAKE MICHIGAN

LMZ645-646

North Point Light to Wind Point WI - Wind Point Light WI to Winthrop Harbor IL

20 1610CST 0 0 0.00K 0.00K Marine Thunderstorm Wind
1700CST

A cluster of strong thunderstorms moved from northeast Illinois into the near shore waters of Lake Michigan during the late afternoon. The thunderstorms erupted along a cold front moving east across the region.

Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm	May 2012
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LAKE MICHIGAN

LMZ745

Burn Harbor to Michigan City In

20	1849CST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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A line of thunderstorms developed ahead of a cold front during the late afternoon and evening of May 20th. These thunderstorms produced strong winds that were reported across coastal stations of Lake Michigan.

LAKE MICHIGAN

LMZ342-346

Manistee to Point Betsi MI - Norwood MI to 5nm West of Mackinac Bridge

20	1950EST 2228EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Thunderstorms brought gusty winds to the Manistee and Little Traverse Bay areas.

27	0450EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
27	0615EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
27	0630EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind

Thunderstorms crossed Lake Michigan during the morning, producing gusty winds.

LAKE MICHIGAN

LMZ542

Sturgeon Bay to Two Rivers WI

27	0854CST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Thunderstorms that moved across northeast Wisconsin and the waters of Green Bay produced strong winds at the Algoma City Marina.

LAKE MICHIGAN

LMZ323

Grand Traverse Bay & Norwood to Grand Traverse Light MI

27	1051EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Thunderstorms crossed Lake Michigan during the morning, producing gusty winds.

LAKE MICHIGAN

LMZ521

Bay of Green Bay Cedar River to Rock Island Passage to Marinette to Fish Cr WI

28	1705CST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Thunderstorms that produced large hail and strong winds across central and east central Wisconsin continued to produce strong wind gusts over the waters of Green Bay.

LAKE MICHIGAN

LMZ644-645

North Point Light to Wind Point WI - Point Washington to North Point Light WI

28	1802CST 1830CST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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A cold front passing through southeast Wisconsin and the near shore waters of Lake Michigan caused scattered strong to severe thunderstorms during the evening of Monday, May 28th.

LAKE MICHIGAN

LMZ346

Manistee to Point Betsi MI

28	2014EST				0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Thunderstorms again impacted the coast of Northwest Lower Michigan.

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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LAKE SUPERIOR

LSZ242-246-249

Marquette To Munising Mi - Marquette to Munising MI - Munising to Grand Marais MI - Ontonagon to Upper Entrance of Portage Canal MI

20	1215EST 1830EST			0	0	0.00K	0.00K	Marine Hail
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The passage of a strong cold front produced severe thunderstorms over nearshore portions of Lake Superior on the afternoon of the 20th.

LAKE SUPERIOR

LSZ321

Whitefish Bay & Whitefish Point to Point Iroquois MI

28	1811EST			0	0	0.00K	0.00K	Marine Thunderstorm Wind
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Thunderstorms impacted Whitefish Bay and the upper St Marys River.

PACIFIC

GUZ005-006

Guam - Northern Marianas

22 23	0000GST			0	0	40.0K	0.00K	Tropical Storm
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Tropical Depression 03W developed about 150 miles south-southeast of Guam the evening of Monday May 21st. Moving northwest, then north-northwest, TD 03W became Tropical Storm Sanvu, and passed about 50 miles southwest of Guam at about 0900 GST Tuesday morning the 22nd, with maximum sustained winds of 45 mph. Sanvu brought tropical storm force wind gusts and moderate rainfall to Guam and the northern Mariana Islands as it passed, mainly during the morning of the 22nd.

On Guam, the peak gust was 48 mph from the southeast at Andersen AFB at 0955 GST, and on Saipan the peak gust was southeast at 39 mph at 1418 GST. Minimum SLP on Guam was 1004.3 mb at Andersen AFB at 0255 GST the morning of the 23rd, and on Saipan the lowest SLP was 1008.8 mb at 0354 GST the same morning. Rainfall was generally moderate, with 24-hour totals ranging between 1.5 inches and 2 inches on Guam, Rota, and Saipan. An automated station on Tinian reported 4.65 inches in the 48 hours ending at 2200 GST the evening of the 22nd.

The only reported damage was on Guam, where falling tree limbs did an estimated \$20,000 in damage to power lines.

PUERTO RICO

**Naguabo
5 W Naguabo**

05	1418AST 1900AST			0	0	0.00K	0.00K	Flash Flood
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Two vehicles tried to cross a road flooded by the waters of Rio Blanco. Three people were rescued by Emergency Manager officials.

**Humacao
Humacao**

05	1530AST			0	0	0.00K	0.00K	Hail (0.75)
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Penny size hail was reported by the public in the municipality of Humacao.

**Rio Grande
3 SW Rio Grande**

05	1530AST			0	0	0.00K	0.00K	Hail (0.75)
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Small hail was reported at Barrio Guzman Arriba.

**Humacao
2 WNW Humacao**

05	1530AST			0	0	5.00K	0.00K	Thunderstorm Wind (30EG)
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Downed weak trees and branches by wind gusts near and around Urb. Villa Universitaria.

Note: The estimated wind gust of 30 knots is equivalent to 35 mph.

PRZ003

Southeast

05	1900AST			0	0	55.0K	0.00K	Landslide
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PRZ006

Central Interior

06	1800AST			0	0	0.00K	0.00K	Coastal Flood
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Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
PUERTO RICO									
Utuaado 5 ESE Utuaado	06	1800AST 1915AST			1	0	0.00K	0.00K	Flash Flood
Fisherman hit by water surge in Jayuya River in Utuaado near Road PR-607 and Caonillas Lake. M?IW									
PRZ006 Central Interior	06	1800AST			0	0	0.00K	0.00K	Landslide
Vega Alta 1 WNW Vega Alta	07	1900AST 2100AST			0	0	0.00K	0.00K	Flood
Portions of Road PR-690 and road 676 were flooded by Quebrada Honda.									
Upper level trough combined with ample low level moisture to produce scattered to numerous showers with thunderstorms across Puerto Rico.									
Comerio Comerio	08	1800AST 2330AST			0	0	100.00K	0.00K	Flash Flood
Extreme flash flooding occurred due to Rio La Plata out of its banks. Rio De la Plata flooded also two bridges. One in Road PR-156 at Barrio Higuero where several families were uncommunicated. The other was in the intersection of roads PR-156 and PR-776 in Barrio Rio Hondo.									
A subtropical Jet Maxima, combined with an upper level trough and ample moisture at the surface to produce numerous showers with thunderstorms mainly over the central interior and north central sections of Puerto Rico.									
Fajardo Fajardo	10	0810AST 1115AST			0	0	0.00K	0.00K	Flash Flood
Highways PR-3 and PR-53 to and from Ceiba and Fajardo were completely flooded,including the frontage roads.									
Humacao 2 SSW Humacao	10	1000AST 1115AST			0	0	0.00K	0.00K	Flash Flood
Highway PR-906 was reported flooded At Palmas del Mar resort.									
Humacao 5 N Humacao	10	1000AST 1115AST			0	0	0.00K	0.00K	Flash Flood
Highway PR-53 with intersection with road PR 927 was reported impassable.									
Yabucoa Yabucoa	10	1000AST 1115AST			0	0	0.00K	0.00K	Flood
Highway 901 was impassable in front of Banco Popular.									
Yabucoa 3 SE Yabucoa	10	1000AST 1115AST			0	0	0.00K	0.00K	Flood
Highway 901 at Camino Nuevo sector was reported impassable.									
A mid to upper level trough combined with a surface trough over the region and ample low level moisture to produce scattered to numerous showers with thunderstorms over Puerto Rico, affecting mainly the eastern half of the island.									

Storm Data and Unusual Weather Phenomena

May 2012

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

PUERTO RICO

Guaynabo

5 NW Guaynabo

18	1600AST 1900AST				0	0	250.00K	0.00K	Flash Flood
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A total of 50 residents of California street in the Mallorca Urbanization were removed from their homes and taken to Centro de Envejecientes de Muñoz Rivera as a shelter.

Guaynabo

6 WNW Guaynabo

18	1600AST 1900AST				0	0	60.00K	0.00K	Flash Flood
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The Humane Society de Puerto Rico was completely flooded. Extensive damage were reported in the first floor of the building due to mud and flooding waters.

Guaynabo

6 NW Guaynabo

18	1600AST 1900AST				0	0	0.00K	0.00K	Flash Flood
----	--------------------	--	--	--	---	---	-------	-------	-------------

San Patricio Avenue, San Jose street near San Francisco condominium, Los Filtros avenue and Altamira avenue were all flooded and impassable.

PRZ001

San Juan and Vicinity

18	1615AST				0	0	0.00K	0.00K	Landslide
----	---------	--	--	--	---	---	-------	-------	-----------

A very moist southeast wind flow combined with strong upper level winds and daytime heating to produce numerous showers over the municipality of Guaynabo. This led to flash flooding affecting several families, roads and local business centers. Radar estimates indicated over 4 inches of rainfall were observed around or over the municipality of Guaynabo during this event. Structural damages, as well as loss of office supplies including computers, photocopies, surgery equipments, drugs and six cars were also damages. Property damage was estimated at more than \$60,000.

Reference Notes:

Storm Data Disclosure

Storm Data is an official publication of the National Oceanic and Atmospheric Administration (NOAA) which documents the occurrence of storms and other significant weather phenomena having sufficient intensity to cause loss of life, injuries, significant property damage, and/or disruption to commerce. In addition, it is a partial record of other significant meteorological events, such as record maximum or minimum temperatures or precipitation that occurs in connection with another event.

Some of the information appearing in Storm Data may have been provided by or gathered from sources outside the National Weather Service (NWS), such as the media, law enforcement and/or other government agencies, private companies, individuals, etc. An effort is made to use the best available information, but because of time and resource constraints, information from these sources may be unverified by the NWS. Therefore, when using information from Storm Data, customers should be cautious as the NWS does not guarantee the accuracy or validity of the information. Further, when it is apparent information appearing in Storm Data originated from a source outside the National Weather Service (frequently credit is provided), Storm Data customers requiring additional information should contact that source directly. In most cases, NWS employees will not have the knowledge to respond to such requests. In cases of legal proceedings, under Department of Commerce regulations and/or rules of the court, NWS employees are not legally obligated to provide written or verbal testimony.

Fatality Codes: For events that include a fatality, there is a code containing the gender, age and fatality location at the end of the event narrative.

1st -letter: Gender (M/F) / 2nd -numbers: Age / 3rd -letters: Fatality location (see table below)

Example: M51IW – Male, 51 years of age, fatality occurred In Water.

Fatality Location Abbreviations:

BF	Ball Field	MH	Mobile Home
BO	Boating	OT	Other
BU	Business	OU	Outside/Open Areas
CA	Camping	PH	Permanent Home
EQ	Heavy Equipment/Construction	SC	School
GF	Golfing	TE	Telephone
IW	In Water	UT	Under Tree
LS	Long Span Roof	VE	Vehicle

List of Acronyms:

NWS	- National Weather Service
NOAA	- National Oceanic and Atmospheric Administration
WCM	- Warning Coordination Meteorologist – The meteorologist at each NWS Office responsible for reporting severe weather events
LST	- Local Standard Time Storm Data attempts to always use “Standard Time”
AST	- Atlantic Standard Time
EST/EDT	- Eastern Standard Time / Eastern Daylight Time
CST/CDT	- Central Standard Time / Central Daylight Time
MST/MDT	- Mountain Standard Time / Mountain Daylight Time

PST/PDT - Pacific Standard Time / Pacific Daylight Time
AKS - Alaska Standard Time
HST - Hawaii Standard Time

Other Notes:

An “Episode” is an entire storm system and can contain many different types of events.

An “Event” is an individual type of storm event.

When listing wind speed values under “Character of Storm”, i.e. High Wind (G81): The G indicates a “Gust” which is a peak 5-second averaged wind speed in Knots (kts). 1 kt. = 1.152 mph. This number can be either E (estimated) by damage caused, or M (measured) by known calibrated anemometers. Examples: (M61) = measured 61 knots; (E75) = estimated at 75 knots.

All wind speeds listed are estimated by NWS personnel by the amount and type of damage unless otherwise noted with an “M” which represents an actual wind speed as measured by official NWS approved anemometer.

When listing hail size under “Character of Storm”, ex. Hail (2.25), the hail size is given in inches and hundredths of inches.

When listing property and crop damage, the figures indicated are the best guess made by the NWS from the available sources of information at the time of the printing.

The fatalities, injuries, and damage amounts appearing in tropical cyclone events are attributed only to wind damage experienced in the coastal counties/parishes listed. Other tropical cyclone related events such as tornadoes and flooding are listed within their separate event types.

The Saffir-Simpson Scale

Category One Hurricane:

Winds 74-95 mph (64-82 kts or 119-153 kph). Storm surge generally 4-5 ft above normal. No real damage to building structures. Damage primarily to unanchored mobile homes, shrubbery, and trees. Some damage to poorly constructed signs. Also, some coastal road flooding and minor pier damage.

Category Two Hurricane:

Winds 96-110 mph (83-95 kts or 154-177 kph). Storm surge generally 6-8 feet above normal. Some roofing material, door, and window damage of buildings. Considerable damage to shrubbery and trees with some trees blown down. Considerable damage to mobile homes, poorly constructed signs, and piers. Coastal and low-lying escape routes flood 2-4 hours before arrival of the hurricane center. Small craft in unprotected anchorages break moorings.

Category Three Hurricane:

Winds 111-130 mph (96-113 kts or 178-209 kph). Storm surge generally 9-12 ft above normal. Some structural damage to small residences and utility buildings with a minor amount of curtainwall failures. Damage to shrubbery and trees with foliage blown off trees and large trees blown down. Mobile homes and poorly constructed signs are destroyed. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the hurricane center. Flooding near the coast destroys smaller structures with larger structures damaged by battering of floating debris. Terrain continuously lower than 5 ft above mean sea level may be flooded inland 8 miles (13 km) or more. Evacuation of low-lying residences with several blocks of the shoreline may be required.

Category Four Hurricane:

Winds 131-155 mph (114-135 kts or 210-249 kph). Storm surge generally 13-18 ft above normal. More extensive curtainwall failures with some complete roof structure failures on small residences. Shrubs, trees, and all signs are blown down. Complete destruction of mobile homes. Extensive damage to doors and windows. Low-lying escape routes may be cut by rising water 3-5 hours before arrival of the hurricane center. Major damage to lower floors of structures near the shore. Terrain lower than 10 ft above sea level may be flooded requiring massive evacuation of residential areas as far inland as 6 miles (10 km).

Category Five Hurricane:

Winds greater than 155 mph (135 kts or 249 kph). Storm surge generally greater than 18 ft above normal. Complete roof failure on many residences and industrial buildings. Some complete building failures with small utility buildings blown over or away. All shrubs, trees, and signs blown down. Complete destruction of mobile homes. Severe and extensive window and door damage. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the hurricane center. Major damage to lower floors of all structures located less than 15 ft above sea level and within 500 yards of the shoreline. Massive evacuation of residential areas on low ground within 5-10 miles (8-16 km) of the shoreline may be required.

The Enhanced Fujita Scale

EF-Scale	Intensity	Wind Speed (mph)	Typical Damage (Suggested)
EF0	Gale Tornado	40 - 72	Tree branches broken, chimneys damaged, shallow-rooted trees pushed over; sign boards damaged or destroyed, outbuildings and sheds destroyed.
EF1	Moderate	73 - 112	Roof surfaces peeled off, mobile homes pushed off foundations or overturned, moving autos pushed off the roads, garages may be destroyed.
EF2	Significant	113 - 157	Roofs blown off frame houses; mobile homes demolished and/or destroyed, train boxcars pushed over; large trees snapped or uprooted; airborne debris can cause damage.
EF3	Severe	158 - 206	Roofs and walls torn off well constructed houses; trains overturned; large trees uprooted, can knock down entire forest of trees.
EF4	Devastating	207 - 260	Well-constructed frame houses leveled; structures with weak foundations blown off some distance; automobiles thrown, large airborne objects can cause significant damage.
EF5	Incredible	261 - 318	Brick, stone and cinder-block buildings destroyed, most debris is carried away by tornadic winds, large and heavy objects can be hurled in excess of 100 meters, trees debarked, asphalt peeled off of roads, steel reinforced concrete structures badly damaged.
EF6	Inconceivable	319 - 379	Brick, stone and cinderblock buildings destroyed, most debris is carried away by tornadic winds, large and heavy objects can be hurled in excess of 100 meters, trees debarked, asphalt peeled off of roads, steel reinforced concrete structures badly damaged.



Typical EF0 Tornado Damage

Note the trees are stripped of leaves, but the trees remain standing. Only light roof damage and a few missing shingles.



Typical EF1 Tornado Damage

Note the uprooted trees and missing shingles from the roof. There is significant roof damage.



Typical EF2 Tornado Damage

This home is missing its entire roof but the exterior walls remain intact. Some of the stronger hardwood trees remain standing.



Typical EF3 Tornado Damage

This home is missing the entire roof as well as some of the exterior walls. Trees are blown over or snapped near the base and outbuildings are destroyed.



Typical EF4 Tornado Damage

This home is almost completely obliterated, with no walls standing. The debris from the home is where the house once stood.



Typical EF5 Tornado Damage

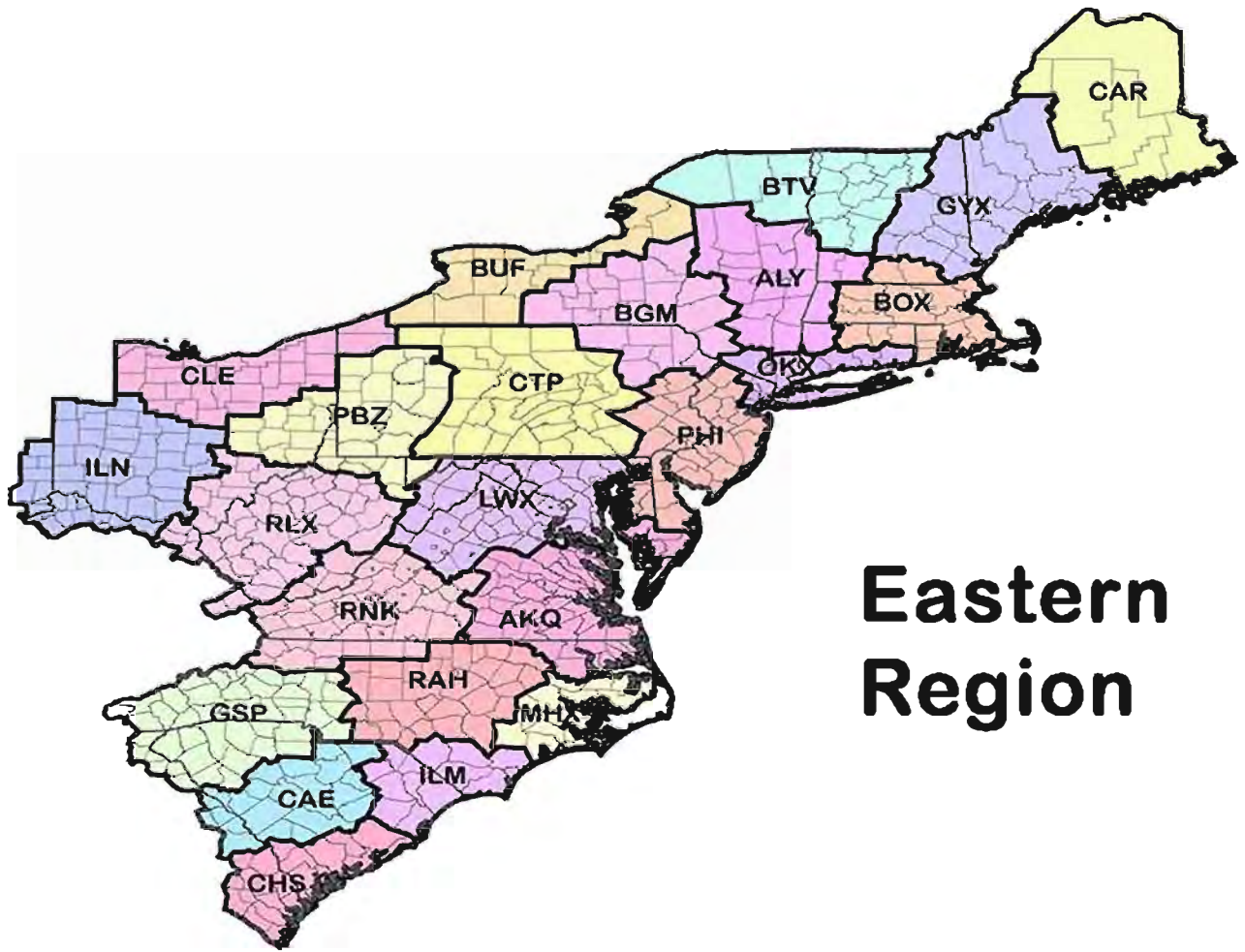
These homes have been completely removed from their original locations. The debris field has been scattered some distance from their foundation.



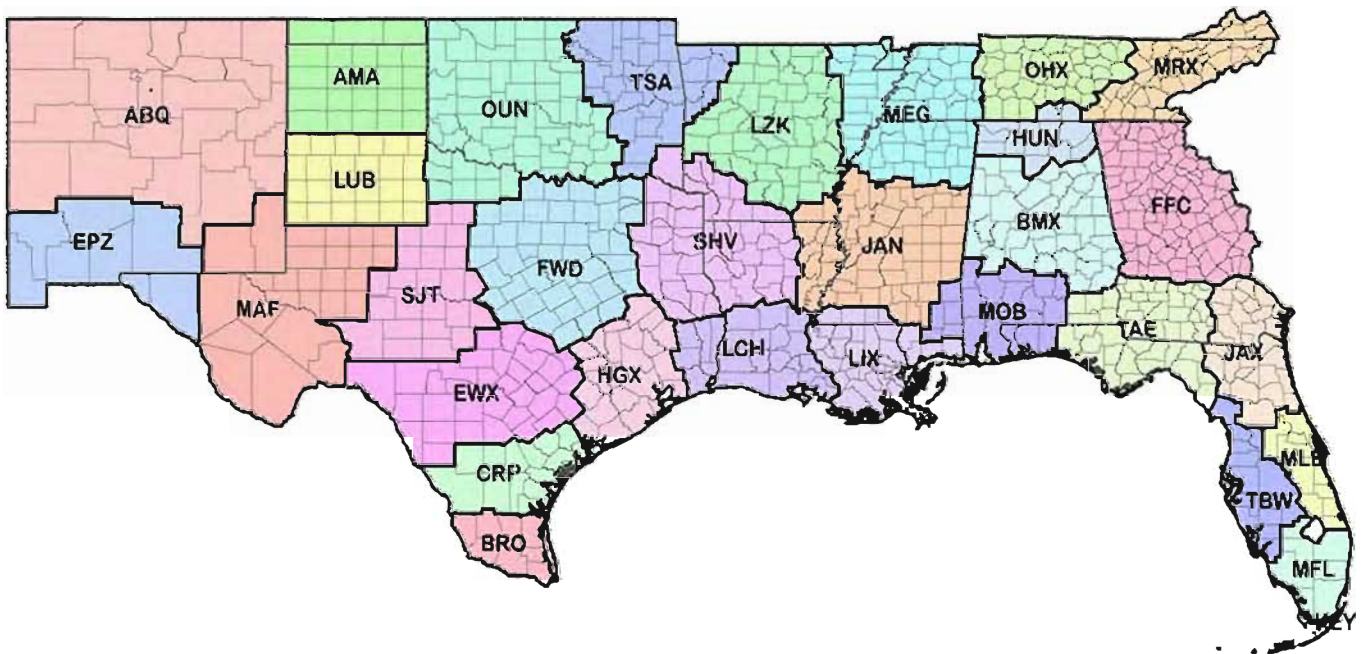
Typical EF5 Tornado Damage

The asphalt surface has been peeled off of this road.

(All photographs courtesy of Brian Smith, Meteorologist, National Weather Service, Valley NE.)



Eastern Region

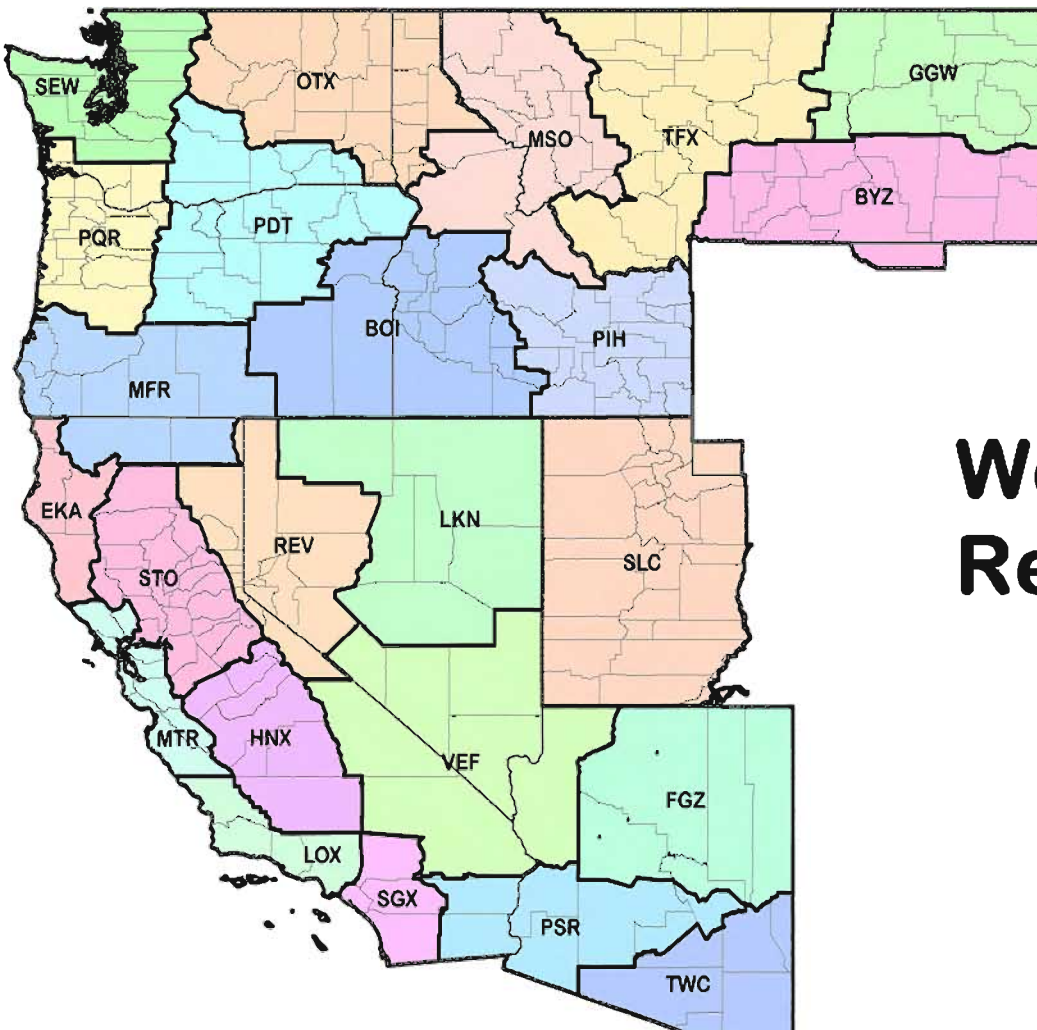
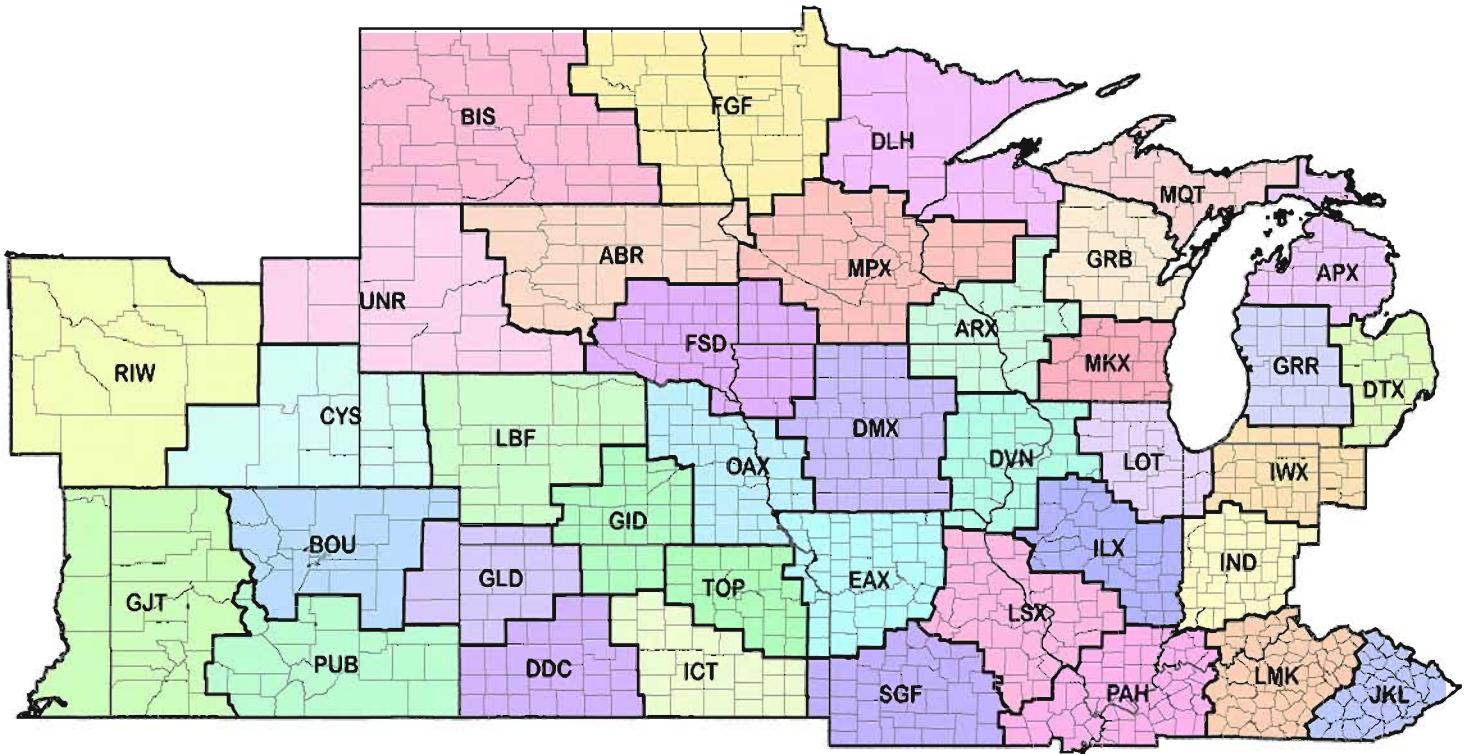


Southern Region



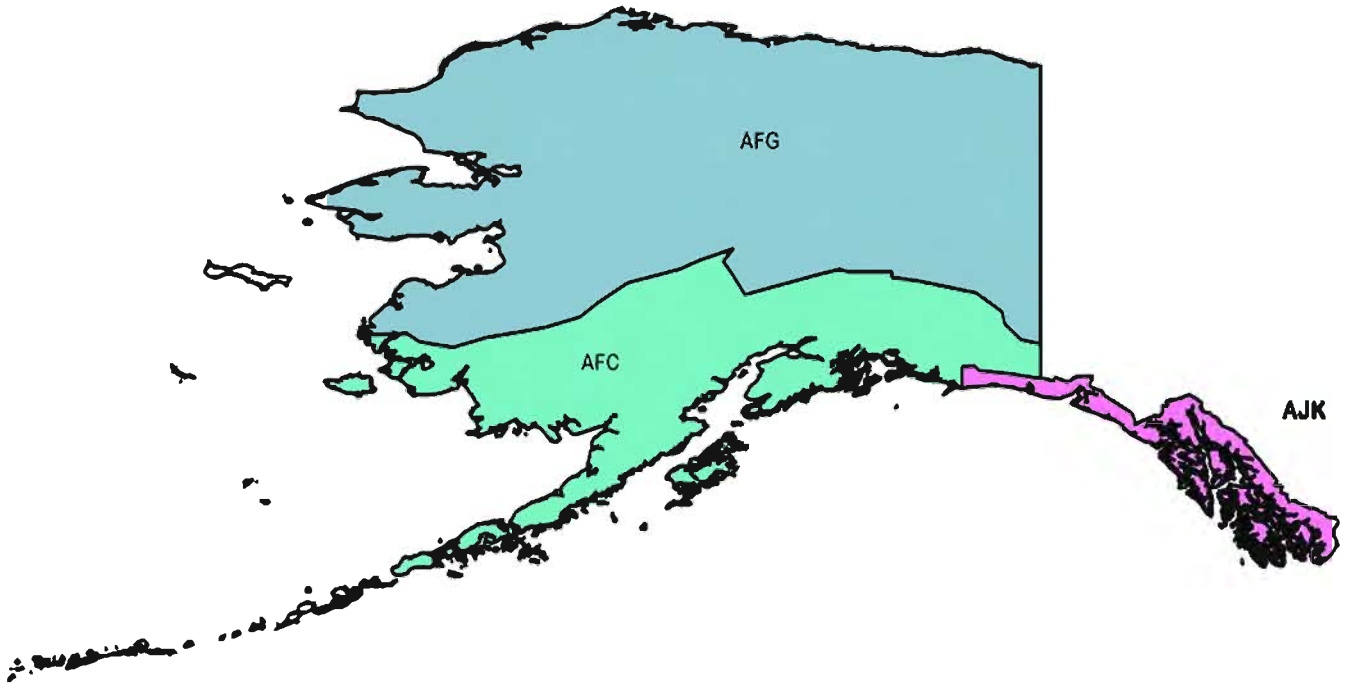
Puerto Rico

Central Region



Western Region

Alaska Region



Pacific Region



American Samoa



Hawaiian Islands

Hawaii

Agrigan

Wake Island

Northern Marianas

Saipan
Tinian
Rota
Agana, Guam

Enewetak

Yap Island

Marshall Islands

Koror, Palau

Chuuk/Truk

Pohnpei/Ponape

Majuro

Caroline Islands

Kosrae

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