

Storm Data and Unusual Weather Phenomena

May 2005

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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ALABAMA, Central

ALZ044	Montgomery								
	02	0453CST			0	0			Extreme Cold/Wind Chill
	The early morning low temperature measured at Dannelly Field was 44 degrees. This low reading tied the previous record low which occurred in 1963 and in 1909.								
Autauga County									
2 N Independence	05	1740CST			0	0	0		Hail(0.75)
	Penny size hail was observed along CR 79 north of the Independence community.								
Cherokee County									
4 SE Gaylesville	10	1755CST			0	0			Hail(0.88)
	Nickel size hail was observed near Gaylesville. The hail completely covered the ground								
Cherokee County									
Forney	10	1819CST			0	0			Hail(0.75)
	Penny size hail was reported along US 431 near Forney.								
Cleburne County									
5 N Fruithurst	10	1858CST			0	0			Hail(0.75)
	Penny size hail was reported in the Piney Woods community.								
Calhoun County									
Piedmont	19	1937CST			0	0			Hail(0.88)
	Nickel size hail fell in the Piedmont area.								
Coosa County									
5 E Weogufka	20	1215CST			0	0			Hail(0.75)
	Dime to penny size hail fell along and near US 231 east of Weogufka.								
Blount County									
4 E Blountsville	20	1302CST			0	0	12K		Thunderstorm Wind (G50)
	A large tree was blown down near Blountsville. The tree landed on a house and caused moderate damage.								
Blount County									
Countywide	20	1310CST 1335CST			0	0	14K		Thunderstorm Wind (G50)
	Numerous trees and power lines were blown down across the southern half of the county.								
Walker County									
2 NE Carbon Hill	20	1338CST			0	0	7K		Hail(1.75)
	Golf ball size hail was observed near the Nauvoo community and near the Prospect community.								
Walker County									
9 N Jasper	20	1342CST			0	0	35K		Thunderstorm Wind (G52)
	One home suffered significant roof damage near the Curry community.								
Elmore County									
Millbrook	20	1410CST			0	0			Hail(0.75)
	Penny size hail fell in and around Millbrook.								
St. Clair County									
5 E Moody	20	1415CST			0	0			Hail(0.75)
	Penny size hail was reported near Exit 150 along Interstate 20.								
Lee County									
3 SE Smiths	20	1418CST			0	0			Hail(1.00)
	Quarter size hail fell near Phenix City just across the Lee-Russell County Line.								
Lee County									
Smiths	20	1418CST			0	0	7K		Thunderstorm Wind (G52)
	Trees and power lines were blown down in the Smiths community.								
Russell County									
3 NW Phenix City	20	1445CST			0	0			Thunderstorm Wind (G52)
	Wind gusts were estimated around 60 miles an hour near Phenix City.								
Jefferson County									
Birmingham	20	1446CST			0	0			Hail(0.88)

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<u>ALABAMA, Central</u>									
Jefferson County									
Birmingham	20	1446CST			0	0	3K		Thunderstorm Wind (G51)
Nickel size hail was reported near the intersection of Interstate 20/59 and Interstate 65. A few trees were blown down in the city of Birmingham.									
Marengo County									
Countywide	20	1450CST 1525CST			0	0	23K		Thunderstorm Wind (G54)
Several trees and power lines were blown down across the county. Numerous residences were temporarily without power.									
Shelby County									
6 E Pelham to Pelham	20	1501CST			0	0	8K		Thunderstorm Wind (G53)
Several trees were blown down in Inverness.									
Jefferson County									
Leeds	20	1505CST			0	0	8K		Thunderstorm Wind (G50)
Several trees were knocked down in Leeds.									
Tuscaloosa County									
Coker	20	1620CST			0	0			Hail(1.00)
Quarter size hail was reported near Coker.									
Tuscaloosa County									
Northport	20	1713CST 1800CST			0	0	10K		Flash Flood
Several roads were temporarily impassable due to high water in and around Northport.									
Greene County									
Countywide	20	1719CST 1736CST			0	0	11K		Thunderstorm Wind (G54)
Several trees and power lines were blown down across the southern half of the county. Some of the locations reporting damage included Eutaw, Boligee and Mount Hebron.									
Autauga County									
Prattville	20	1745CST			0	0	4K		Thunderstorm Wind (G50)
Trees and power lines were blown down at the intersection of CR 36 and US 82.									
Sumter County									
2 NW Cuba	20	1825CST			0	0			Thunderstorm Wind (G55)
Thunderstorm wind gusts were estimated between 60 and 70 miles an hour near Cuba.									
Sumter County									
2 NW Cuba	20	1825CST			0	0	5K		Hail(1.75)
Golf ball size hail was observed along Interstate 20 near the Alabama Welcome Center and Exit 1.									
Sumter County									
York	20	1830CST			0	0			Hail(0.88)
Nickel size hail was reported in York.									
Marengo County									
Jefferson	20	1835CST			0	0	5K		Thunderstorm Wind (G52)
Several trees were blown down near Jefferson.									
Sumter County									
Cuba	20	1838CST			0	0			Hail(1.00)
Quarter size hail was reported in Cuba.									
Marengo County									
Countywide	29	1425CST 1510CST			0	0	50K		Thunderstorm Wind (G55)
Hundreds of trees and power lines were blown down countywide. A few homes and other structures were also damaged by the high wind.									
Montgomery County									
Montgomery	29	1635CST			0	0	16K		Thunderstorm Wind (G55)
Numerous trees and power lines were knocked down around the Montgomery metropolitan area.									

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ALABAMA, North

Dekalb County

2 E Sylvania	10	1950CST 1954CST			0	0			Hail(0.75)
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Penny size hail was reported.

Dekalb County

Rainsville	10	2025CST 2029CST			0	0			Hail(1.00)
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Quarter size hail was reported.

Limestone County

2 E Lester	14	1115CST 1117CST			0	0			Thunderstorm Wind (G50)
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Two trees and numerous large limbs were blown down by thunderstorm winds.

Cullman County

Fairview	19	1745CST 1747CST			0	0			Thunderstorm Wind (G50)
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A few trees and power lines were blown down by thunderstorm winds.

Madison County

Madison	20	1130CST 1132CST			0	0			Thunderstorm Wind (G50)
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A tree was blown down across Edgewater Drive.

Madison County

1 SE Whitesburg	20	1135CST 1138CST			0	0			Thunderstorm Wind (G50)
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Strong thunderstorm winds caused a dock to break away from shore causing a boat to sink at Ditto Landing.

Morgan County

3 N Eva	20	1218CST 1220CST			0	0			Thunderstorm Wind (G50)
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A tree was blown down just south of Brewer High School.

Cullman County

Crane Hill	20	1305CST 1308CST			0	0			Hail(0.88)
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Nickel size hail was reported.

Cullman County

3 N Bremen	20	1315CST 1317CST			0	0			Thunderstorm Wind (G50)
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Several trees and power lines were blown down.

ALABAMA, Southeast

Henry County

3 NW Abbeville	20	1825EST			0	0			Hail(1.00)
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The Henry County EMA reported nickel to quarter size hail near County Road 42.

Coffee County

Enterprise	20	1830EST			0	0			Hail(0.75)
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The Coffee County EMA reported penny size hail.

Coffee County

1 N Enterprise	20	1850EST			0	0			Hail(1.25)
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Half dollar size hail reported by the public on State Road 27.

ALABAMA, Southwest

Covington County

Opp	20	1720CST 1724CST			0	0			Hail(1.00)
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Weather spotter reported nickle to quarter sized hail falling for several minutes around Opp.

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ALABAMA, Southwest

Covington County

Opp	20	1728CST 1732CST			0	0			Hail(0.88)
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Public reported nickel sized hail covering the ground near Opp.

Choctaw County

Yantley	20	1845CST 1847CST			0	0			Hail(0.75)
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Baldwin County

Lottie	24	2005CST 2014CST			0	0	10K		Thunderstorm Wind (G50)
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High winds from a thunderstorm blew down several trees and power lines near Lottie.

Escambia County

Atmore	24	2010CST 2014CST			0	0	10K		Thunderstorm Wind (G50)
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High winds from a thunderstorm blew down several trees and power lines near Atmore.

Covington County

4 E Gantt	31	1710CST 1712CST	1	20	0	0	40K		Tornado (F0)
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A weak tornado touched down near a home in the Straughn community. The weak tornado stayed on the ground for about a mile. The tornado damaged a home that had just been repaired from damage that it received during hurricane Ivan. The home suffered roof and siding damage from the tornado. A pump house was also destroyed. Several trees were also blown down. Although someone was in the attic of the home when the tornado damaged the roof, they were not injured.

Crenshaw County

Dozier	31	1730CST 1732CST	0.2	20	0	0	15K		Tornado (F0)
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A weak tornado briefly touched down near Dozier. The tornado blew down several trees and power lines and also damaged a couple of out buildings.

Covington County

5 W Opp	31	1805CST 1808CST	1	20	0	0	5K		Tornado (F0)
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A weak tornado was filmed by a law enforcement official near US Highway 84, west of Opp. The tornado remained over an open field and the only damage found were a few trees blown down.

ALASKA, Northern

AKZ222

Middle Tanana Valley

01	0000AST 0900AST			0	0			Flood
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Event continued from April. The lower Chatanika went overbank from an ice jam that formed downstream of a half-dozen or more cabins. Two of the cabins were flooded. Damage amount unknown.

AKZ220

Yukon Flats Nearby Uplands

01 03	2000AST 1300AST			0	0	3K		Flood
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An Ice Jam on the Yukon River produced minor flooding of roads and a few structures in the village of Fort Yukon. Damage amount is a rough estimate.

AKZ210

Nrn & Intr. Seward Peninsula

08 11	0900AST 0300AST			0	0	14K		Flood
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An ice jam formed on the Buckland River, causing the river to inundate a portion of the village of Buckland - estimate seven homes were flooded up to four feet deep; these residents were evacuated. Damage amount is roughly estimated.

AKZ217

Upper Kobuk And Noatak Vlys

13	0900AST 2100AST			0	0			Flood
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An Ice Jam on the Kobuk River produced minor flooding of roads at the village of Ambler. Damage amount unknown but likely small.

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ALASKA, Northern

AKZ214

Yukon Delta

14 2000AST
19 0300AST

0

0

500K

Flood

High amounts of snowmelt with river ice partially in place caused the Yukon river to rise above its banks at the village of Emmonak in combination with an ice jam which formed nearby downstream on the Yukon River. The river flooded a city public works building, and washed out a section of the road to the airport, making it impassable. A fish processing plant and city dock was flooded, along with some homes. Emmonak has no highways leading to/from it, so air transportation is the only means of supplying the village. The event is rated as a 30-year flood. Floodwaters submerged 6 fishing vessels containing hazardous materials which were leaking the oil, etc onto the river water at the village. Damage amounts are estimated and include a cost of \$165,000 for HAZMAT cleanup.

AKZ214

Yukon Delta

15 0300AST
19 0300AST

0

0

Flood

An Ice Jam on the Yukon River produced minor flooding throughout the village of Alakanuk. Roads were flooded but no structures were flooded or impacted. Damage amount unknown.

Middle Tanana Valley

College

19 1715AST
1725AST

0

0

0.30K

Dust Devil

A dust devil destroyed a visqueen greenhouse at the University of Alaska's Georgeson Botanical Gardens.

AKZ216

Lower Koyukuk Middle Ykn Vlvs

20 1037AST
25 1029AST

0

0

Flood

The Koyukuk River rose significantly due to upstream rains and snowmelt causing bank erosion at the village of Huslia, there one home was threatened and several utility poles had to be moved. The river water flowed into an adjacent lake, raising it's level and causing minor flooding to several residences along the lakeshore. Damage amounts unknown; expected to be minor.

ALASKA, Southeast

ALASKA, Southern

AKZ185

Eastern Aleutians

25 0900AST
1900AST

0

0

High Wind (G107)

A strong low moved to the Central Aleutians. The associated front and rapidly falling pressure ahead of this storm resulted in wind gusting to an estimated peak of 123 mph at the Harbor Master office around 4:25 pm ADT in Unalaska. The strongest measured wind at the Dutch Harbor ASOS was 84 mph occurring at around 5 pm ADT Tuesday May 24th.

AMERICAN SAMOA

Manu'A

Countywide

24 0800SST
2000SST

0

0

Flash Flood

Tutuila

Countywide

24 0800SST
2000SST

0

0

3K

Flash Flood

Thunderstorms associated with a trough near the Islands brought a lot of rain over Tutuila and Manu'a. Several residents experienced flooding in their homes due to overflow of small streams and poor drainages in some areas on Tutuila Island. The Weather Service Office recorded a total precipitation of 5.21 inches during this period.

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ARIZONA, Central and Northeast

Coconino County

Flagstaff	27	1330MST 1335MST			0	0			Funnel Cloud
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A funnel cloud formed along a gust front in east Flagstaff.

Coconino County

Flagstaff	28	1405MST			0	0			Hail(0.75)
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A thunderstorm produced dime sized (3/4 inch diameter) hail in Fort Valley (10 miles northwest of Flagstaff).

Navajo County

Heber	28	1415MST			0	0			Hail(0.75)
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A thunderstorm produced dime sized (3/4 inch diameter) hail in Heber-Overgaard.

ARIZONA, Northwest

ARIZONA, South

AZZ032>035

Tohono Oodham Nation - Tucson Metro/Marana/Green Valley - Santa Cruz County - Cochise County

20	1300MST				12	0			Excessive Heat
26	2200MST								

A strong high pressure ridge across Arizona caused extreme heat across the desert Southwest. The heat was extreme from May 20, 2005 until May 26, 2005, with the hottest days being May 20th thru 23rd. Throughout this heat wave several bodies, some identified and some not, were found in the desert, all were believed to have died as a result of the extreme heat.

Below is a table of the temperatures for several stations across Southeast Arizona during the above mentioned period:

	TUS	DUG	OLS	Sells	O.P.	Ajo	P.P.
May 20th	105	101	101	106	106	M	107
May 21st	107	103	103	107	105	M	109
May 22nd	109	105	106	M	108	110	110
May 23rd	105	102	101	M	107	103	109
May 24th	102	98	97	100	99	97	106
May 25th	101	95	95	100	101	101	103
May 26th	101	94	93	102	103	104	105

TUS = Tucson International Airport ASOS

DUG = Douglas / Bisbee International Airport ASOS

OLS = Nogales International Airport ASOS

O.P. = Organ Pipe Cactus National Monument Cooperative Observer

P.P. = Picacho Peak State Park Cooperative Observer

Sells= Sells Fire Station Cooperative Observer

Ajo = Ajo Cooperative Observer

M= Missing Data

M22OU, M?OU, ??OU, F35OU, M?OU, M?OU, M48OU, ??OU, ??OU, M19OU, M27OU, M?OU

Cochise County

6 SSE Sierra Vista	24	1354MST 1403MST			0	0			Hail(0.75)
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An isolated thunderstorm near the City of Sierra Vista produced 0.75 inch hail.

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ARIZONA, South

Cochise County

6 S Sierra Vista	26	1403MST 1410MST			0	0			Hail(0.75)
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A thunderstorm near the Sierra Vista area produced 0.75 inch hail. A trained spotter reported that hail covered the ground.

Santa Cruz County

Nogales to Rio Rico	27	1845MST 2300MST			0	0			Lightning
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21,400 customers in Cities of Nogales, Tubac, and Rio Rico lost power after lightning struck a power substation. The power was lost at about 6:45 pm MST and was restored again by 11:00 pm MST.

Graham County

12 SSW Thatcher	28	1600MST 1800MST			0	0			Flash Flood
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Noon Creek overtopped highway 366 leaving debris on the roadway. The flash flood resulted from one inch of rain that fell in 20 minutes at the Noon Creek ALERT rain gage. 1.61 inches of rain fell between 4:00 pm MST and 5:00 pm MST at Noon Creek.

Pima County

Tucson	28	1900MST			1	0			Lightning
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The body of a 70-year-old man was found in a Cemetery in Tucson on Sunday, May 29, 2005. The man was killed by lightning on Saturday night while visiting a gravesite at the cemetery.

Moisture moving into Arizona from northern Mexico helped to generate thunderstorms across portions of Southeast Arizona throughout a 5 day period towards the end of the month of May. Severe storms developed along several boundaries that moved through Southeast Arizona throughout the 5 day time frame. M70UT

ARIZONA, Southwest

AZZ028

Central Deserts

27	2000MST				0	0			Dust Storm
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Dense blowing dust reduced the visibility to about a quarter mile between Florence and Queen Creek.

Pinal County

Eloy	27	2000MST			0	0			Hail(0.88)
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ARKANSAS, Central and North Central

Johnson County

Hartman	14	0100CST			0	0			Thunderstorm Wind (G50)
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Johnson County

Countywide	14	0115CST			0	0			Thunderstorm Wind (G50)
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Numerous trees and power lines were reported blown down at a number of locations across Johnson County.

Pope County

5 S Hector	14	0140CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds downed some trees and power lines.

Newton County

Bass	14	0200CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds snapped off the tops of several trees. One tree fell onto a nearby house, causing some minor roof damage.

Pulaski County

8 WNW Little Rock	14	0230CST			0	0			Thunderstorm Wind (G50)
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A large tree was blown down.

Ouachita County

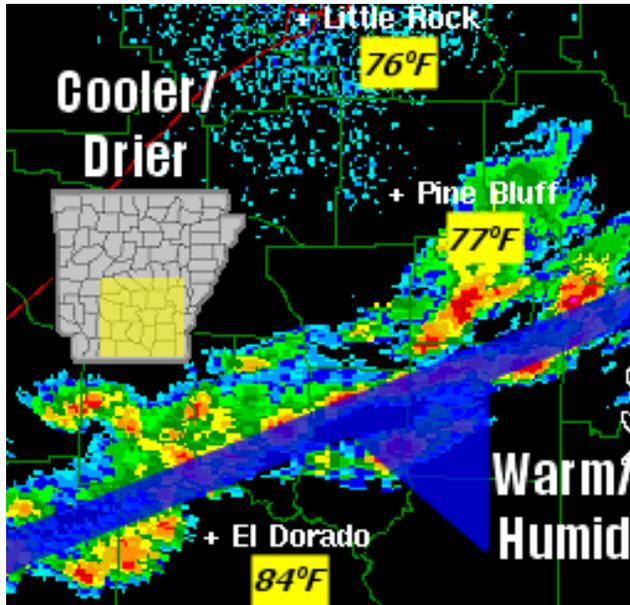
Camden	14	1345CST			0	0			Hail(0.88)
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ARKANSAS, Central and North Central



In the picture: The WSR-88D (Doppler Weather Radar) showed strong to severe thunderstorms popping up along a front in southern Arkansas during the afternoon of 05/14/2005.

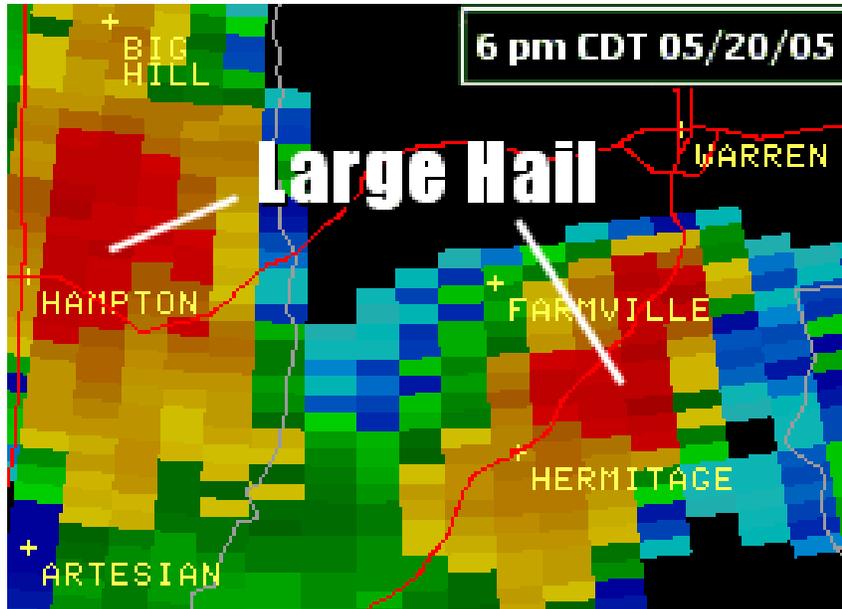
Desha County Dumas	14	1430CST			0	0			Thunderstorm Wind (G50)
Desha County Mitchellville	14	1430CST			0	0			Thunderstorm Wind (G50) Trees and power poles were blown down at several locations in Desha County by a severe thunderstorm.
Desha County Back Gate	14	1440CST			0	0			Hail(1.00) Hail up to one inch diameter damaged part of a cotton crop at Back Gate.
Lincoln County Star City	14	1440CST			0	0			Hail(0.88)
Lincoln County 1 E Star City	14	1442CST			0	0			Thunderstorm Wind (G50)
Lincoln County Gould	14	1505CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds downed some trees and power lines at Dumas. The roof of a house in Gould was blown off due to high winds from a severe thunderstorm.
Bradley County Warren	14	1530CST			0	0			Hail(1.00)
Calhoun County Chambersville	20	1625CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds blew down some trees and power lines.
Bradley County 7 SW Warren	20	1655CST			0	0			Hail(0.75)

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ARKANSAS, Central and North Central



In the picture: The WSR-88D (Doppler Weather Radar) showed severe thunderstorms near Hampton (Calhoun County) and about 7 miles southwest of Warren (Bradley County) around 6 pm CDT on 05/20/2005.

Calhoun County Hampton	20	1710CST			0	0			Hail(0.75)
Baxter County Buford	23	0440CST			0	0			Lightning Lightning struck a large tree, causing it to fall onto the roof of a nearby house. Only minor damage occurred.
Garland County 2 W Hot Spgs	24	1555CST			0	0			Hail(1.75)
Garland County 3 SW Hot Spgs	24	1635CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds knocked down some trees and power lines.
Hot Spring County Bonnerdale	24	1700CST			0	0			Hail(1.00)
Hot Spring County Social Hill	24	1709CST			0	0			Hail(1.75)
Scott County Coaldale	24	1710CST			0	0			Thunderstorm Wind (G50)
Scott County Bates	24	1715CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds blew down a number of large trees.
Clark County 3 N Arkadelphia	24	1740CST			0	0			Thunderstorm Wind (G50) Several trees were blown down.
Dallas County 5 S Princeton	24	1800CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds knocked down some trees.
Ouachita County Camden	24	1815CST			0	0			Hail(1.25)

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					Killed	Injured	Property	Crops	
<u>ARKANSAS, Central and North Central</u>									
Ouachita County									
Camden	24	1830CST			0	0			Hail(1.50)
Polk County									
5 W Mena	24	1955CST			0	0			Hail(1.00)
Polk County									
Hatfield	24	2010CST			0	0			Hail(1.25)
<u>ARKANSAS, East</u>									
<u>ARKANSAS, Northwest</u>									
Franklin County									
4 W Ozark to Webb City	14	0030CST 0045CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down trees.									
Benton County									
2 E Pea Ridge	23	0100CST			0	0			Hail(0.75)
Benton County									
Bella Vista	23	0105CST 0115CST			0	0	5K		Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down trees which then downed power lines as they fell.									
Benton County									
Bentonville	23	0105CST			0	0	5K		Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down trees and the falling trees downed power lines.									
Benton County									
Rogers	23	0105CST			0	0	5K		Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down numerous trees. The falling trees downed power lines causing power outages.									
Benton County									
2 W Gravette	23	0115CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew a tree down onto a road.									
Carroll County									
2 NE Beaver	23	0115CST			0	0			Thunderstorm Wind (G70)
Thunderstorm winds estimated at 80 miles an hour blew down numerous trees in the Holiday Island area.									
Washington County									
7 E Springdale	23	0125CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down a large tree in Nob Hill.									
Madison County									
Clifty	23	0130CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down large trees.									
Madison County									
Forum	23	0130CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down trees.									
Madison County									
Hindsville	23	0130CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down large trees.									
Washington County									
West Fork	23	0145CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down trees.									

Storm Data and Unusual Weather Phenomena

May 2005

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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ARKANSAS, Northwest

Washington County

Springdale	23	0400CST			0	0			Thunderstorm Wind (G61)
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Thunderstorm winds blew down a large tree.

Sebastian County

Ft Smith	23	0420CST			0	0			Thunderstorm Wind (G61)
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Thunderstorm winds estimated at 70 miles an hour blew down trees.

Franklin County

Ozark	23	0448CST			0	0			Hail(0.88)
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Sebastian County

Hartford	24	1704CST			0	0			Thunderstorm Wind (G57)
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Sebastian County

Midland	24	1719CST			0	0			Thunderstorm Wind (G52)
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ARKANSAS, Southeast

ARKANSAS, Southwest

Union County

2 E El Dorado	24	2005CST			0	0			Thunderstorm Wind (G54)
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Trees were downed east of town.

ATLANTIC OCEAN

ANZ535

Rnld Reagan Natl Arprt	14	1817EST 1822EST	Tidal Potomac Key Bridge To Indian Hd Md		0	0			Marine Tstm Wind (G38)
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ANZ535

Rnld Reagan Natl Arprt	14	2011EST 2015EST	Tidal Potomac Key Bridge To Indian Hd Md		0	0			Marine Tstm Wind (G47)
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A strong cold front moved from the central Appalachians to the mid-Atlantic region during the period. Very strong instability and high moisture levels contributed to an outbreak of severe weather. Damaging wind gusts occurred in some locations, as well as a few reports of large hail.

ANZ531

Millers Island	28	1350EST 1357EST	Chesapeake Bay Pooles Is To Sandy Pt Md		0	0			Marine Tstm Wind (G35)
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ANZ535

Rnld Reagan Natl Arprt	28	1403EST 1409EST	Tidal Potomac Key Bridge To Indian Hd Md		0	0	10K		Marine Tstm Wind (G28)
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Gusty winds caused boats to capsize in the Tidal Potomac River near Washington DC.

ANZ530

Pooles Island	28	1424EST 1429EST	Chesapeake Bay N Of Pooles Is Md		0	0			Marine Tstm Wind (G40)
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Measured at Martin State Airport observing station.

A gusty cold front moved across the mid-Atlantic region on May 28, 2005. This system caused a few strong thunderstorms and strong gusty winds, with isolated reports of wind damage.

ANZ338

Robbins Reef	28	1700EST	New York Harbor		0	0			Marine Tstm Wind (G38)
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As a band of heavy showers and thunderstorms moved northeast across the region, the NOS PORTS Weather Station at Robbins Reef measured a peak wind gust to 38 knots.

Storm Data and Unusual Weather Phenomena

May 2005

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

CALIFORNIA, Extreme Southeast

CALIFORNIA, North Central

CALIFORNIA, Northeast

CAZ072

Greater Lake Tahoe Area

09	0100PST 2000PST				0	0			Heavy Snow
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A Pacific storm moved through the region May 8th and 9th. Up to a foot of snow fell in the higher elevations of the Sierra, with an inch or more of rain falling in lower elevations in Lassen County, California.

Storm total snowfall amounts:

Squaw Valley Ski Resort (8200 ft.)	12 inches
(6200 ft.)	5 inches
Alpine Meadows Ski Resort (8600 ft.)	11 inches
Tahoe Donner Ski Resort (6800 ft.)	9 inches

Plumas County

5 S Twain

17	1800PST				0	0			Heavy Rain
18	1800PST								

A 24-hour rainfall total of 2.36 inches was reported by a trained spotter 5 miles south of Twain.

Sierra County

4 WSW Sierraville

18	0600PST 2000PST				0	0			Heavy Rain
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A trained spotter reported that a total of 2.09 inches of rain fell from the morning of the 18th through that evening.

CALIFORNIA, Northwest

CALIFORNIA, South Central

Kern County

Countywide

05	1209PST				0	0			Heavy Rain
06	0300PST								

Fresno County

Countywide

05	1254PST				0	0			Heavy Rain
06	0100PST								

Kings County

Countywide

05	1300PST				0	0			Heavy Rain
06	0200PST								

Madera County

Countywide

05	1411PST				0	0	200K		Heavy Rain
06	0300PST								

Madera received 1.42" of rain during a 24-hour period ending by early on the 6th with over half of that occurring between Noon and 3 PM PST on the 5th from afternoon thunderstorms. Water collecting on a roof in downtown Madera led to its collapse and subsequent damage in mid-afternoon. Numerous locations around Madera had street flooding with other reported flooding in Madera County including a freeway offramp in the city of Madera as well as rural roadway flooding 14 miles east of Madera. Chowchilla, in Madera County, reported 1.34" in the 24 hour period ending on the 6th. Fresno County reported several locations of roadway flooding from the heavy rain from Kerman, west of Fresno, to areas east of Fresno. Fresno reported a rainfall record-for-the-date of 1.02" during the 5th primarily due to the afternoon thunderstorm activity. Other areas reporting substantial rain from thunderstorms in the afternoon and early evening of the 5th in Fresno County included Reedley and Avenal each with an inch of rain, and Clovis

Storm Data and Unusual Weather Phenomena

May 2005

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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CALIFORNIA, South Central

receiving 2.35 inches. The Southern San Joaquin Valley reported several instances of road flooding, including Highway 99 and Interstate Highway 5, from Northwest Bakersfield, south to the Grapevine, and east of Bakersfield. In Kings County, Hanford had 0.64" and Lemoore reported 0.71" during the 5th. Bakersfield reported 0.67" from the 5th through early on the 6th with undoubtedly higher amounts of rain received in outlying areas.

Kings County

9 E Kettleman City	05	1430PST 1500PST			0	0			Funnel Cloud
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Kings County Fire Dept reported seeing 4 funnel clouds form and dissipate over a 30-minute time period on the 5th.

Fresno County

Coalinga	05	1743PST 2045PST			0	0			Flash Flood
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Coalinga Police Department reported "all roads in town are flooded with some impassable" due to runoff from nearby mountains and ponding water from thunderstorms early in the evening of the 5th. The city reported 1.38" of rain falling from mid-afternoon to early evening.

CAZ096>097

S Sierra Mtns - Tulare Cty Mtns					0	0			Winter Weather/Mix
08		1700PST							
09		2000PST							

A significant snowfall occurred in the higher elevations of Interior Central California late on the 8th and early on the 9th when 7 to 16 inches of new snow was reported overnight onto an already deep snow pack: Tunnel Guard Station in the Tulare County Mountains received 16 inches of new snow and Volcanic Knob in the Southern Sierra received 13 inches of new snow.

Fresno County

Central Portion	08 09	1700PST 2000PST			0	0	21.9M		Heavy Rain
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Kings County

Countywide	08 09	1700PST 2000PST			0	0	671K		Heavy Rain
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Madera County

Countywide	08 09	1700PST 2000PST			0	0	4M		Heavy Rain
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Tulare County

Countywide	08 09	1700PST 2000PST			0	0	8.6M		Heavy Rain
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A series of three unseasonably heavy rain events, accompanied by hail at times, adversely impacted Interior Central California agriculture. Rain and large hail events around April 28th, and rain and small hail around May 5th, and again around May 9th caused extensive problems in the local cherry crop. Other crops negatively impacted from the rain included alfalfa, apricots, table grapes, nectarines, peaches, strawberries, cotton, and tomatoes.

Fresno County

Selma	08 09	1700PST 2000PST			0	0			Heavy Rain
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Fresno County

Selma	09	1050PST			0	0	1K		Lightning
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Fresno County

Selma	09	1110PST			0	0	1K		Lightning
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Thunderstorm activity late on the 9th brought a couple of lightning strikes within the city of Selma in Southern Fresno County. Additionally the city reported 0.94" of rain over the 24 hours period ending on the 9th which caused areas of flooding within the city due to ponded water.

Fresno County

1 W Fowler	09	1018PST 1019PST	0	25	0	0			Tornado (F0)
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A brief touchdown of a small tornado occurred during the late morning of the 9th in Southern Fresno County near the town of Fowler. No damage was reported and the funnel was seen by numerous motorists and the California Highway Patrol.

Madera County

Countywide	15 16	2200PST 0900PST			0	0			Heavy Rain
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Storm Data and Unusual Weather Phenomena

May 2005

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

CALIFORNIA, South Central



Meadow flooding in Yosemite Valley as the Merced River crested at mid-afternoon on the 16th. (Photo courtesy of the Fresno Bee, Fresno, CA).

Mariposa County Countywide

	15	2200PST							
	16	0900PST			0	0			Heavy Rain

CAZ096

S Sierra Mtns

	16	0645PST 1500PST							
					0	0	100K		Flood

After a persistent and longer-than-normal cool season, significantly heavy rain occurred onto the large Southern Sierra Nevada snowpack beginning late in the evening of the 15th and continued into the morning of the 16th. With snow levels above 7000 feet, rainfall amounts averaging 1.75" in the mountain areas combined with a snowmelt runoff contribution of about 1" water equivalent caused river flooding on the Yosemite Valley floor in Yosemite National Park. The Merced River rose 3 feet between 0100 and 0500 PST on the morning of the 16th prompting park personnel to evacuate campers in Yosemite Valley. The Merced River on the Yosemite Valley Floor rose above its Flood Stage of 10.0 feet by 0645 PST and subsequently crested at 12.5 feet at 1430 PST on the 16th forcing park personnel to even close roads into the Yosemite Valley

CAZ095-098>099

Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert

	16	1045PST							
	17	0234PST			0	0	3K		Strong Wind

Gusty post-frontal wind occurred in the Kern County Mountains and Deserts from mid-day on the 16th into the early morning hours of the 17th.

CAZ096

S Sierra Mtns

	20	2100PST							
	31	2359PST			0	0			Flood

The arrival of warm weather late in the month of May combined with a much above normal snowpack (179% of normal in the Mariposa County area) in the Southern Sierra Nevada led to snowmelt flooding along the undammed Merced River in Yosemite Valley. This longer-lasting snowmelt flooding event followed the rainfall-induced flooding event earlier in the month. Daily, during the period from May 20th to June 1st, the Merced River crested above its Flood Stage of 10.0 feet at the Pohono Bridge in the lower Yosemite Valley. The late spring snowmelt flooding caused problems for park personnel as overwinter construction projects and roadways were adversely affected by the natural flooding while the summer tourist season was beginning.

CAZ095-098>099

Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert

	29	1430PST 2100PST							
					0	0	3K		Strong Wind

A weak frontal passage late in the month on the 29th led to gusty wind again in the Kern County Mountains and Deserts.

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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, Southeast

CALIFORNIA, Southwest

CALIFORNIA, Upper

Modoc County

Alturas

06 1511PST
08 1320PST

0 0

Flash Flood

County officials reported that flash flooding was occurring along Thom's Creek and Joseph Creek on the west slopes of the Warner Mountains just below Cedar Pass. As best as can be determined, heavy showers dropped about 2 inches of rain over the Warners in the preceding few days, and this combined with snow melt due to high freezing levels led to high flows on these creeks. Nine homes were isolated by the flood waters, but no damage, deaths, or injuries were reported.

Based on the above report, a small stream flood advisory was issued at 06/1535 PDT, effective until 07/0900 PDT. However, the advisory was cancelled at 07/0435 PDT. It was reissued at 07/1135 PDT, effective until 08/0500 PDT, when county officials indicated the problem was ongoing. This advisory was extended to 08/1200 PDT at 08/0200 PDT, and extended again to 09/1200 PDT at 08/1015 PDT. It was cancelled at 08/1320 PDT when county officials indicated that flood waters had subsided. However, main stem flooding later occurred on the Pit River, into which these two creeks drain.

CAZ085

Modoc County

08 1100PST
10 1100PST

0 0 2.3M

Flood

County officials reported widespread main stem flooding on the Pit River due to heavy rain and snowmelt that occurred in the Warner Mountains several days before. The river was reported to be 1/4 to 1/2 mile in spots with several county roads inundated and closed. A lot of farmland was also submerged, but no structural damage was reported.

A flood warning was issued for the Pit River at Canby at 09/1100 PDT based on an unofficial but locally recognized flood stage of 8.5 feet. The river exceeded this stage at 09/2345 PDT and crested at 8.55 feet at 10/0445 PDT and again at 10/0700, 10/0800, and 10/0815. The river dropped below 8.50 feet at 09/2315.

No structural damage was reported, but extensive road damage occurred and agricultural fields were flooded. Damage was reported to alfalfa crops and sand hill crane nests. In particular, County Roads 69 and 61 were closed due to high water. County Road 58 near Parker Creek had a bridge undermined. 100 yards of County Road 11 in Lake City Canyon was washed out. Several other county roads were flooded or damaged, but were not rendered impassable. Damage to public property and infrastructure was estimated at 2.25 million. No loss of life or injuries were reported.

Siskiyou County

Yreka

27 1825PST

0 0

Hail(0.75)

A spotter IN Yreka reported 0.75 inch hail with a thunderstorm.

Based on the above spotter report, a Severe Thunderstorm Warning was issued for North Central Siskiyou County at 27/1833 PDT, effective until 27/1900 PDT. The warning was extended at 27/1856 PDT and expired at 27/1929 PDT.

CALIFORNIA, West South Central

CALIFORNIA, Western

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>CARIBBEAN SEA AND TROPICAL ATLANTIC</u>									
AMZ550			Flagler Beach To Cocoa Beach Fl Out 20Nm						
4 N Cape Canaveral	04	1536EST			0	0	0	0	Marine Tstm Wind (G35)
			A NASA wind tower recorded a wind gust to 35 kts.						
AMZ330			Charleston Harbor						
The Charleston Battr	16	1200EST			0	0			Marine Tstm Wind (G43)
			43 kt wind measured at Charleston Coast Guard station.						
AMZ671			Deerfield Beach To Ocean Reef Fl 20 To 60Nm						
40 E Miami Beach	16	1202EST			0	0			Waterspout
			A pilot reported a waterspout in the Atlantic just west of the Bimimis.						
AMZ352			Edisto Beach Sc To Savannah Ga Out 20Nm						
2 SE Hilton Head Sound	17	1533EST 1535EST			0	0			Waterspout
AMZ352			Edisto Beach Sc To Savannah Ga Out 20Nm						
1 SE Edisto Beach	20	1530EST			0	0			Marine Tstm Wind (G40)
AMZ330			Charleston Harbor						
1 W The Charleston Batt 1 W Charleston Hrbr En	20	1554EST			0	0			Marine Tstm Wind (G36)
			36 kt gust at Charleston Coast Guard station.						
AMZ350			S Santee R To Edisto Beach Sc Out 20Nm						
1 E Folly Beach	20	1554EST			0	0			Marine Tstm Wind (G36)
AMZ354			Savannah Ga To Altamaha Sd Ga Out 20Nm						
1 E Tybee Island	20	1703EST			0	0			Marine Tstm Wind (G40)
AMZ550			Flagler Beach To Cocoa Beach Fl Out 20Nm						
Cape Canaveral	21	1530EST			0	0	0	0	Marine Tstm Wind (G56)
			A NASA weather tower recorded a thunderstorm wind gust to 56 kts.						
AMZ550			Flagler Beach To Cocoa Beach Fl Out 20Nm						
11 NE Cape Canaveral	24	1530EST			0	0	0	0	Marine Tstm Wind (G35)
			A NASA wind tower reported a wind gust to 35 knots.						
AMZ330			Charleston Harbor						
1 W Charleston Hrbr En	30	0650EST 0655EST			0	0			Waterspout
			Waterspout near Fort Sumter.						
AMZ550			Flagler Beach To Cocoa Beach Fl Out 20Nm						
5 N Cape Canaveral	31	0800EST			0	0	0	0	Marine Tstm Wind (G39)
			Numerous NASA weather towers reported wind gusts from 35 knots to 39 knots from the tip of Cape Canaveral to the north end of Brevard County.						

COLORADO, Central and Northeast

COLORADO, East Central

Cheyenne County									
Arapahoe	06	1408MST			0	0			Hail(0.88)
Cheyenne County									
Arapahoe	06	1410MST			0	0			Hail(0.88)
Cheyenne County									
13 N Arapahoe	06	1445MST			0	0			Hail(1.25)
Kit Carson County									
16 S Burlington	06	1456MST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

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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COLORADO, East Central

Hail covered the ground.

Kit Carson County 16 S Burlington	06	1502MST			0	0			Hail(1.00)
Kit Carson County Burlington	06	1535MST			0	0			Hail(1.00)
Kit Carson County 2 E Burlington	06	1537MST			0	0			Hail(1.00)
Yuma County 18 N Wray	06	1612MST			0	0			Hail(0.88)
Kit Carson County 2 SW Burlington	06	1634MST			0	0			Hail(1.75)
Kit Carson County Burlington	06	1641MST			0	0			Hail(1.75)
Kit Carson County Bethune	06	1701MST			0	0			Hail(1.00)
Kit Carson County Burlington	06	1703MST			0	0			Hail(1.25)
Kit Carson County 19 NNE Burlington	06	1745MST			0	0			Hail(0.88)
Yuma County 9 NW Wray	07	1255MST			0	0			Hail(1.00)
Yuma County 8 N Wray	07	1301MST			0	0			Hail(1.75)
Kit Carson County 16 N Bethune	11	1400MST			0	0			Hail(0.75)
									Hail covered the ground.
Yuma County Wray	11	1435MST			0	0			Hail(1.00)
Yuma County 3 SE Wray	11	1440MST 1540MST			0	0			Hail(1.75)
Yuma County Wray	11	1442MST 1542MST			0	0			Hail(1.50)
Yuma County Wray	11	1442MST 1542MST			0	0	6K		Hail(1.75)
									Car damage reported to be \$6,000.
Yuma County Wray	11	1452MST 1552MST			0	0			Hail(1.50)
									Northeast side of Wray.
Yuma County Idalia to 6 NE Idalia	11	1454MST 1455MST	0	0	0	0			Tornado (F0)
									Brief touchdown reported from numerous sources.
Yuma County 7 SSE Wray	11	1505MST			0	0			Hail(1.75)
Yuma County 6 NE Idalia	11	1511MST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>COLORADO, East Central</u>									
Yuma County 21 NNE Wray	11	1525MST			0	0			Hail(1.00)
Yuma County 11 S Laird	11	1527MST			0	0			Hail(1.75)
Yuma County 12 SE Wray	11	1535MST CoCoRaHS observer.			0	0			Hail(1.75)
Kit Carson County 10 N Vona	11	1557MST CoCoRaHS observer.			0	0			Hail(0.75)
Yuma County 2 E Clarkville	15	1530MST			0	0			Hail(0.88)
Yuma County 2 S Clarkville	15	1705MST			0	0			Hail(1.00)
Yuma County 9 NNW Joes	15	1800MST HAIL COVERED THE GROUND			0	0			Hail(0.88)
Yuma County 6 W Joes	15	1925MST 1 TO 2 INCHES OF HAIL ON GROUND			0	0			Hail(0.88)
Kit Carson County 4 N Flagler	23	1422MST			0	0			Hail(0.75)
Kit Carson County 4 NW Seibert	23	1425MST			0	0			Hail(0.75)
Kit Carson County 11 NE Flagler	23	1440MST			0	0			Hail(1.00)
Cheyenne County 6 N Wild Horse	23	1445MST			0	0			Hail(0.75)
Yuma County 3 SE Wray	23	1458MST			0	0			Hail(1.00)
Yuma County Wray	23	1500MST Hail covered the ground.			0	0			Hail(1.00)
Yuma County 3 W Vernon	23	1503MST			0	0			Hail(1.00)
Yuma County Kirk	23	1505MST			0	0			Hail(1.75)
Yuma County 1 SW Vernon	23	1505MST			0	0			Hail(0.75)
Yuma County 4 NE Kirk	23	1509MST			0	0			Hail(1.00)
Yuma County 2 SE Joes	23	1515MST			0	0			Hail(2.75)
Yuma County 3 W Vernon	23	1515MST			0	0			Hail(1.75)
Yuma County 1 S Joes	23	1516MST			0	0			Hail(1.75)
Yuma County Yuma	23	1520MST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

May 2005

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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COLORADO, East Central

Yuma County									
3 W Vernon	23	1525MST			0	0			Hail(1.75)
		Hail covered the ground.							
Yuma County									
10 S Wray	23	1533MST			0	0			Hail(1.25)
Yuma County									
7 SE Wray	23	1538MST			0	0			Hail(1.75)
Kit Carson County									
Burlington	23	1552MST			0	0			Hail(0.75)
Yuma County									
4 SW Vernon	23	1600MST			0	0			Hail(2.75)
Yuma County									
10 E Eckley	23	1605MST			0	0			Hail(1.75)
Yuma County									
4 NE Kirk	23	1812MST			0	0			Hail(0.75)
Yuma County									
6 NE Kirk	23	1835MST			0	0			Hail(1.75)
		Hail covered the ground.							
Kit Carson County									
Burlington	24	1633MST			0	0			Hail(1.00)
Cheyenne County									
Cheyenne Wells	24	1715MST			0	0			Hail(1.12)
Cheyenne County									
1 N Cheyenne Wells	24	1718MST			0	0			Hail(1.00)
Cheyenne County									
Cheyenne Wells	24	1721MST			0	0			Hail(1.00)
Cheyenne County									
Cheyenne Wells	24	1728MST			0	0			Hail(1.75)
Yuma County									
5 WSW Idalia	28	1316MST			0	0			Hail(0.75)
Kit Carson County									
Flagler	30	2020MST			0	0			Hail(1.00)

COLORADO, South Central and Southeast

COZ074-087	Southern Sangre De Cristo Mountains Between 7500 & 11000 Ft - Walsenburg Vicinity / Upper Huerfano River Basin Below 7500 Ft								
	01	0100MST 2200MST			0	0			Heavy Snow
	A late winter event spread snow across the eastern mountains and adjacent plains and high valleys. The most notable amounts were 10 inches at La Veta in Huerfano County...and 16 inches at Cuchara...also in Huerfano County.								
Kiowa County									
Eads	06	1420MST 1435MST			0	0			Hail(0.88)
Otero County									
16 SSE La Junta	06	1450MST 1455MST			0	0			Hail(1.50)
Crowley County									
Olney Spgs	06	1820MST 1830MST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>COLORADO, South Central and Southeast</u>									
Las Animas County 13 SE Kim	06	1911MST 1916MST			0	0			Hail(0.75)
Las Animas County Trinidad	22	1620MST 1640MST			0	0			Hail(1.75)
Las Animas County 11 S Trinidad	22	1722MST 1727MST			0	0			Hail(1.00)
Las Animas County 5 W Trinidad	22	1748MST 1753MST			0	0			Hail(1.00)
Las Animas County 8 SSW Trinidad	22	1840MST 1905MST			0	0			Hail(0.75)
El Paso County 4 NW Rush	23	1318MST 1325MST			0	0			Hail(1.00)
Las Animas County 10 SSE Kim	23	1555MST 1600MST			0	0			Hail(1.50)
Las Animas County 5 E Kim	23	1605MST 1610MST			0	0			Hail(1.75)
Pueblo County 3 SW Pueblo	23	1700MST 1705MST			0	0			Hail(0.75)
Otero County Swink	23	1819MST 1824MST			0	0			Hail(0.88)
Otero County La Junta	23	1834MST 1839MST			0	0			Hail(1.50)
Otero County 2 S La Junta	23	1852MST 1857MST			0	0			Hail(1.00)
Kiowa County Haswell	23	1915MST 1920MST			0	0			Hail(1.00)
Kiowa County 9 N Brandon	24	1815MST 1820MST			0	0			Hail(1.00)
Kiowa County 3 W Sheridan Lake to Sheridan Lake	24	1825MST 1835MST			0	0			Thunderstorm Wind (G57)
			Telephone and power poles down along portions of highway 96.						
Kiowa County Sheridan Lake	24	1830MST 1835MST			0	0			Hail(1.75)
Prowers County Bristol	24	1910MST 1920MST			0	0			Thunderstorm Wind (G52)
Kiowa County 9 N Brandon	24 25	1935MST 0145MST			0	0			Flash Flood
			Flash flooding caused 1 foot of fast flowing water over portions of county road 95.						

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>COLORADO, South Central and Southeast</u>									
Baca County									
6 S Two Buttes	24	2048MST 2053MST			0	0			Hail(0.75)
Baca County									
Walsh	24	2113MST 2118MST			0	0			Hail(0.75)
Custer County									
4 WNW Rosita to Rosita	29	1316MST 1327MST			0	0			Hail(1.25)
Baca County									
14 S Springfield	29	1435MST 1440MST			0	0			Hail(0.75)
Huerfano County									
12 SSE Walsenburg	29	1608MST 1613MST			0	0			Hail(0.88)
Las Animas County									
12 NNW Trinidad	29	1630MST 1635MST			0	0			Hail(1.75)
									Hail caused some broken windows.
Las Animas County									
6 NE Trinidad	29	1655MST 1700MST			0	0			Hail(1.25)
Las Animas County									
11 S Trinidad	30	1540MST 1545MST			0	0			Hail(1.00)
Las Animas County									
22 NE Kim	30	1600MST 1605MST			0	0			Hail(0.88)
Baca County									
17 N Pritchett	30	1646MST 1651MST			0	0			Hail(0.75)
Las Animas County									
10 E Kim	30	1805MST 1807MST	0.1	30	0	0			Tornado (F0)
									Short lived tornado caused no known damage.
Baca County									
8 SW Pritchett	30	1903MST 1906MST	0.1	30	0	0			Tornado (F0)
									Short lived tornado caused no known damage.
Otero County									
13 SSE La Junta	30	1915MST 1945MST			0	0			Hail(2.00)

COLORADO, West

CONNECTICUT, Northeast

CONNECTICUT, Northwest

Storm Data and Unusual Weather Phenomena

May 2005

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

Fairfield County									
8 S Sherman	27	1750EST			0	0			Thunderstorm Wind (G50)

As a severe thunderstorm moved east at around 30 mph, it produced high winds that downed trees about 8 miles south of Sherman.

Fairfield County									
Fairfield	29	1845EST			0	0			Hail(0.75)

Fairfield County									
Fairfield	29	1920EST			0	0			Hail(0.75)

Fairfield County									
Fairfield	29	1955EST			0	0			Hail(0.88)

Fairfield County									
Fairfield	29	1955EST			0	0			Thunderstorm Wind (G50)

As a severe thunderstorm moved across Fairfield, law enforcement reported penny size hail at 7:45 pm EDT.

As a severe thunderstorm moved southeast across Fairfield at around 20 mph, it produced damaging hail and wind. Hail sizes ranged from penny to nickel sizes. Law enforcement reported several downed tree branches and power outages.

New Haven County									
Waterbury	31	1130EST			0	1			Lightning

New London County									
Stonington	31	1400EST			0	1			Lightning

As thunderstorms moved across the region, a private Meteorologist reported that lightning struck and injured 2 people; 1 in Waterbury and 1 in Stonington. The extent of their injuries is unknown.

DELAWARE

Kent County									
Countywide	20	0200EST 1400EST			0	0			Heavy Rain

Sussex County									
Countywide	20	0200EST 1400EST			0	0			Heavy Rain

Heavy rain fell across Kent and Sussex Counties mainly between 3 a.m. EDT and 3 p.m. EDT on the 20th. Rain began falling just before Midnight EDT on the 20th and ended between 4 p.m. and 5 p.m. EDT on the 20th. Storm totals averaged between 3 and 4 inches and caused poor drainage flooding. Storm totals in New Castle County averaged between 1 and 2 inches. Since the rain fell heavy, but was spread across a large enough period of time, no stream or river flooding was reported. The combination of heavy rain and strong northeast winds did knock down shallow rooted trees and tree limbs. About 1,800 homes and businesses in Bridgeville and Greenwood (Sussex County) lost power. Elsewhere in the county, another 1,300 homes and businesses lost power for up to four hours in Milton and Rehoboth Beach. The heavy rain caused parking lot flooding near Rehoboth. One vehicle stalled. In Lewes, businesses and homes near the beach also suffered from widespread poor drainage flooding. Specific storm totals included 3.99 inches in Laurel Creek (Sussex County), 3.85 inches in Redden (Sussex County), 3.80 inches in Georgetown (Sussex County), 3.59 inches in Prime Hook (Sussex County), 3.48 inches in Greenwood (Sussex County), 3.31 inches in Dover (Kent County), 3.18 inches in Kitts Hummock (Kent County) and 1.62 inches at the New Castle County Airport. A peal wind gust of 40 mph was recorded in Georgetown.

The heavy rain was caused by a low pressure system that moved east along a nearly stationary frontal boundary on the 20th. The low pressure system moved from near Cincinnati, Ohio at 8 a.m. EDT on the 20th east to La Plata, Maryland at 2 p.m. EDT on the 20th and to about 50 miles east of Ocean City, Maryland at 8 p.m. EDT on the 20th.

DEZ004									
		Delaware Beaches			0	0			Heavy Surf/High Surf
	24	0700EST							
	26	2300EST							

Storm Data and Unusual Weather Phenomena

May 2005

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

DELAWARE

DEZ003>004

Inland Sussex - Delaware Beaches

24	1800EST				0	0		
26	0100EST							Astronomical High Tide

The combination of a persistent onshore flow and spring tides associated with the departing perigean full moon caused minor tidal flooding during the evening high tides on the 24th and 25th. In addition, the onshore flow caused a pounding surf with some beach erosion just before the start of the Memorial Day Weekend. The higher than normal tides washed away four of the seven rare piping plover nests at Cape Henlopen and Gordons Pond. The flooding and beach erosion extended into protective dunes that washed away nests established by pairs of the endangered species. The high surf and tides flattened the beach at Cape Henlopen. At Breakwater Harbor, the highest tide reached 7.05 feet above mean lower low water with the evening high tide on the 25th. Minor tidal flooding starts at 6.7 feet above mean lower low water.

The higher than normal tides were caused by a persistent northeast flow as a blocking pattern occurred in the western Atlantic Ocean. A low pressure system in the Ohio Valley during the morning of the 23rd moved east and reached the Atlantic Ocean east of Delaware and New Jersey on the 24th. This low pressure system was captured by a closed low at higher levels of the atmosphere and remained over the nearby offshore waters through the 26th. A high pressure system over southeastern Canada helped enhanced the northeast flow from the 24th through the 26th. The whole low pressure system then started to drift east on the 26th and was east of Cape Cod, Massachusetts by the morning of the 27th.

DISTRICT OF COLUMBIA

FLORIDA, East Central

Martin County

4 SSE Hobe Sound	03	1303EST 1308EST			0	0	0	0	Hail(1.75)
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Okeechobee County

Basinger	03	1505EST			0	0	0	0	Hail(0.88)
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Osceola County

20 S Kissimmee	03	1653EST			0	0	0	0	Hail(1.00)
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Hail fell near Lake Hatchineha

Okeechobee County

Basinger	03	1700EST			0	0	0	0	Hail(0.88)
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Osceola County

10 S Kissimmee	03	1700EST			0	0	0	0	Hail(1.75)
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Hail fell on the Osceola Polk county border.

Osceola County

5 S Kissimmee	03	1710EST			0	0	0	0	Hail(1.00)
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Hail fell in the Poinciana area.

Okeechobee County

Ft Drum	03	1737EST			0	0	0	0	Hail(0.75)
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Okeechobee County

Basinger	03	2130EST	4	40	0	0	0	0	Tornado (F0)
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A small F0 tornado briefly touched down near Basinger blowing over a few trees. One inch hail was also reported in the area.

Volusia County

Daytona Beach	04	0730EST			0	0	0	0	Hail(1.75)
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Volusia County

Daytona Beach	04	0745EST			0	0	100K	0	Hail(1.75)
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Hail damaged over a hundred cars and fifty airplanes near Embry-Riddle University.

Lake County

Tavares	04	0930EST			0	0	0	0	Hail(0.75)
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Storm Data and Unusual Weather Phenomena

May 2005

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

FLORIDA, East Central

Brevard County 10 NE Titusville	21	1518EST			0	0	0	0	Hail(1.00)
Brevard County 3 N Cape Canaveral	21	1530EST			0	0	0	0	Thunderstorm Wind (G56) A NASA wind tower recorded a wind gust to 56 knots.
Volusia County Edgewater	24	1326EST			0	1	0	0	Lightning A 27 year old man was seriously injured by lightning while in a wooded area near Edgewater.
Seminole County Sanford	24	1419EST			0	0	0	0	Thunderstorm Wind (G67) The Sanford airport ASOS recorded a wind gust to 67 knots (76 mph).
Volusia County Deltona	24	1450EST			0	0	0	0	Thunderstorm Wind (G50) Thunderstorm winds blew down large tree branches and produced small hail in Deltona.
St. Lucie County Ft Pierce	25	1325EST			0	0	0	0	Hail(1.50)
St. Lucie County 6 S Ft Pierce	25	1355EST			0	0	0	0	Hail(0.75)
Martin County 5 N Hobe Sound	25	1407EST			0	0	0	0	Hail(0.88)
St. Lucie County Port St Lucie	25	1415EST	0.4	4	0	0	5K	0	Tornado (F0) An F0 tornado touched down in a residential area near Port St. Lucie, damaging shingles, pool screens and awnings.
Martin County Hobe Sound	25	1420EST			0	0	0	0	Funnel Cloud The public reported a funnel cloud over Hobe Sound.
St. Lucie County Port St Lucie	25	1420EST			0	0	0	0	Hail(1.00)
St. Lucie County Port St Lucie	25	1450EST			0	0	0	0	Hail(1.00)
Martin County Salerno	25	1453EST			0	0	0	0	Hail(1.00)
Martin County Jensen Beach	25	1455EST			0	0	0	0	Hail(1.50)
Orange County Winter Park	30	2056EST			0	0	0	0	Hail(0.75)

FLORIDA, Extreme Southern

Monroe County 1 N (Eyw)Key West Intl	05	1010EST			0	0	0.50K	0	Thunderstorm Wind (G50) US Naval Air Station reported power outage and a door blown off its hinges on Sigsbee Key.
Monroe County 1 N Key West	05	1010EST			0	0	0	0	Thunderstorm Wind (G50) Marine reported 4 boats broke anchorages in waters between Christmas Tree Island and Fleming Key and driven ashore. Estimated wind gusts to 50 knots (58 mph).

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>FLORIDA, Southern</u>									
Thunderstorm winds blew down large tree limbs.									
Glades County									
10 N Palmdale	03	1545EST			0	0			Thunderstorm Wind (G50)
Trees were blown down on U.S. 27 north of Palmdale.									
Collier County									
15 SW Immokalee	22	1430EST			0	0			Funnel Cloud
A funnel cloud was sighted near the intersection of County Roads 846 and 858.									
Broward County									
Miramar	25	1552EST			0	0			Hail(0.75)
NBC6 reported penny-size hail at their studio.									
Miami - Dade County									
Miami	26	1338EST			0	0			Hail(0.75)
A SKYWARN spotter observed hail in the Doral area.									
Miami - Dade County									
Miami Beach	26	1355EST			0	0			Hail(0.75)
Penny-size hail was reported.									
Miami - Dade County									
Hialeah	26	1355EST			0	0			Hail(0.75)
A SKYWARN spotter observed penny-size hail.									
Miami - Dade County									
Biscayne Park	26	1413EST			0	0			Hail(0.88)
Nickel-size hail was reported.									
Miami - Dade County									
Opa Locka	26	1414EST			0	0			Hail(1.75)
The public reported golf ball-size hail.									
Miami - Dade County									
Kendall	26	1415EST			0	0			Hail(0.75)
Miami - Dade County									
Kendall	26	1415EST			0	0			Thunderstorm Wind (G50)
A SKYWARN spotter estimated wind gusts near 58 mph and penny-size hail fell for two minutes.									
Miami - Dade County									
Miami Shrs	26	1419EST			0	0			Hail(0.75)
The public reported three-quarter inch hail.									
Miami - Dade County									
2 NE North Miami Beach	26	1424EST			0	0	10K		Thunderstorm Wind (G60)
Two utility poles were blown down by a thunderstorm wind gust.									
Broward County									
Hollywood	26	1441EST			0	0			Hail(0.88)
A SKYWARN spotter reported nickel-size hail.									
Broward County									
Tamarac	26	1446EST			0	0			Hail(1.75)
Golf-ball size hail was observed by a SKYWARN spotter near the intersection of Rock Island Road and Commercial Boulevard.									
Broward County									
2 E Ft Lauderdale	26	1503EST			0	0			Hail(0.75)
Broward County									
2 E Ft Lauderdale	26	1503EST			0	0	20K		Thunderstorm Wind (G60)
A SKYWARN spotter reported a thunderstorm downburst and large hail which uprooted several small trees, blew over two fences and power line, blew out a car window and damaged the roof of a hotel.									
Broward County									
Plantation	29	1600EST			0	0			Hail(1.00)
Hail up to one inch in diameter was observed.									

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>FLORIDA, Southern</u>									
Broward County									
Sunrise Golf Vlg	29	1607EST			0	0			Hail(0.75)
			A SKYWARN spotter observed penny-size hail.						
Palm Beach County									
5 N South Bay	30	0915EST			0	0			Funnel Cloud
			A funnel cloud was sighted over Lake Okeechobee.						
Palm Beach County									
Lake Worth	31	0910EST			0	0			Funnel Cloud
			A SKYWARN spotter saw a funnel cloud that lasted for several minutes.						
<u>FLORIDA, West Central</u>									
De Soto County									
5 WSW Arcadia	03	1449EST 1455EST			0	0			Hail(1.75)
			The hail covered the ground with 1 to 1.75 inch hail.						
De Soto County									
2 S Ft Ogden to 1 N Ft Ogden	03	1500EST			0	0			Hail(2.75)
Hardee County									
2 S Wauchula	03	1535EST			0	0			Hail(0.88)
Hardee County									
Bowling Green	03	1535EST 1545EST			0	0			Hail(1.75)
			Quarter to golf ball size hail turned the ground white.						
Polk County									
Ft Meade	03	1605EST			0	0			Hail(2.50)
			Tennis ball size hail was reported by the general public.						
Polk County									
Lake Wales	03	1640EST			0	0			Hail(1.00)
Polk County									
8 E Lake Hamilton Lake	03	1652EST			0	0			Hail(1.00)
			Quarter size hail was reported along Catfish Creek in rural Polk County.						
Manatee County									
Myakka Head	03	1710EST			0	0			Hail(0.75)
			Penny size hail was reported along State Road 64.						
Hardee County									
2 S Ona	03	1736EST			0	0			Hail(1.00)
Hardee County									
2 N Gardner	03	1745EST			0	0			Thunderstorm Wind (G50)
			Trees were broken and blown down due to thunderstorm winds.						
Highlands County									
Lake Placid	03	1905EST 1918EST			0	0			Hail(1.75)
			A strong late season cold front stalled across southern Florida and moved north during the day. Abundant moisture south of the front combined with cold air and unstable aloft to produce numerous thunderstorms with large hail.						
Pinellas County									
Palm Harbor	04	0745EST			0	0			Hail(1.00)
Pinellas County									
Tarpon Spgs	04	0745EST 0750EST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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

Pasco County

Holiday to New Port Richey	04	0750EST 0759EST			0	0	80K		Hail(1.00)
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Hail covered the parking lot at the intersection of Little Road and State Road 54. Numerous reports of hail covering the ground.

Pasco County

5 WNW Hudson	04	0800EST			0	1			Lightning
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A 45-year-old construction worker was inside a home under construction doing air conditioning work when he was indirectly struck by lightning. Another worker in the building said the man was sitting up against the wall shaking, his hands were twitching, and his speech was impaired after the strike.

Sarasota County

Venice	04	1600EST			0	1			Lightning
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Lightning struck near a construction worker and injured him while he worked with power tools in the rain.

Sumter County

Lake Panasoffkee	04	2354EST			0	0	15K		Thunderstorm Wind (G50)
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Several mobile homes damaged along with trees and power lines downed around the lake.

Hillsborough County

Bloomingdale	17	2247EST 2252EST			0	0			Hail(0.88)
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Polk County

Bartow	18	2308EST			0	0	1M		Lightning
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Lightning sparked a fire that destroyed the Polk County Traffic Engineering and Operations Building. The complex and vehicles within the complex near Spirit Lake Road were a complete loss. The main building was very old and was not equipped with a sprinkler system.

Polk County

2 N Lakeland	25	1348EST			0	0			Hail(0.75)
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Polk County

2 N Lakeland	25	1348EST			0	0			Thunderstorm Wind (G52)
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Numerous large tree branches were downed.

Polk County

2 SE Haines City	25	1410EST			0	0			Hail(1.00)
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Polk County

Auburndale	25	1422EST			0	0			Hail(1.00)
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Polk County

2 NW Frostproof	25	1712EST			0	0			Hail(0.75)
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Lee County

Ft Myers	31	0900EST			0	0	30K		Lightning
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Lightning punched a fist-sized hole in the roof of a south Fort Myers home. The strike blew out the home's circuit breakers, phone line, and air conditioner and damaged the roof trusses.

Pasco County

2.2 SSW Land O Lakes to 1.2 SSE Land O Lakes	31	2238EST 2245EST	1.5	100	0	0	80K		Tornado (F1)
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A small northward moving thunderstorm collided with an eastward moving squall line and produced a brief F1 tornado that crossed the intersection of U.S. Highway 41 and State Road 54. A fast food restaurant lost a plate glass window and a lumber yard had wood thrown about and roof damage, a strip mall had roof damage, and eighteen homes had minor damage as large limbs from oak trees fell on the homes.

FLORIDA, West Panhandle

Santa Rosa County

Munson	05	1556CST 1559CST			0	0			Hail(1.00)
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Fire Chief reported dime to quarter sized hail covering the ground near Munson.

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>FLORIDA, West Panhandle</u>									
Santa Rosa County									
Munson to Milton	05	1610CST 1615CST			0	0	10K		Hail(1.75)
			Golfball sized hail cracked automobile windshields in East Milton.						
Santa Rosa County									
Harold	05	1805CST 1810CST			0	0			Hail(0.75)
			Motorists reported penny sized hail along Highway 90.						
Santa Rosa County									
Pace	05	1834CST 1839CST			0	0			Hail(0.75)
Okaloosa County									
Crestview	19	1450CST			0	0	100K		Lightning
			Lightning struck a home near Crestview. The strike started a fire and the home was destroyed.						
Escambia County									
Walnut Hill	24	2015CST 2019CST			0	0	8K		Thunderstorm Wind (G50)
			High winds from a thunderstorm blew down several trees just northwest of Walnut Hill.						
<u>GEORGIA, East Central</u>									
Columbia County									
Appling	10	1502EST			0	0			Hail(0.88)
			EM reported nickel size hail.						
Columbia County									
Pollards Corner	10	1519EST			0	0	0	0	Hail(0.75)
			EM reported penny size hail.						
Columbia County									
Evans to Martinez	10	1536EST 1548EST			0	0			Hail(0.88)
			EM reported nickel size hail.						
Richmond County									
Hephzibah	10	1548EST			0	0	0	0	Hail(0.75)
			Public called in a report of 3/4 inch hail.						
Richmond County									
Ft Gordon	10	1555EST			0	0	0	0	Hail(0.75)
			SKYWARN HAM reported 3/4 inch hail at Ft. Gordon.						
Columbia County									
2 S Grovetown	20	1255EST			0	0	0	0	Hail(0.88)
			EM reported nickel size hail on I-20.						
Columbia County									
8 NW Evans	20	1300EST			0	0	50K	0	Thunderstorm Wind (G65)
			EM reported docks moved 70 feet and damaged along with minor damage to several boats. Eight to ten trees were down and a roof was damaged.						
Columbia County									
Appling	20	1312EST			0	0	0	0	Hail(0.75)
			EM reported dime size hail on the west end of the county.						
Columbia County									
Evans	20	1328EST			0	0	350K	0	Thunderstorm Wind (G80)
			EM reported numerous trees down on homes, one home split in half, in the Country Place subdivision. Trees were laid out in a typical fan shape microburst pattern.						
Richmond County									
Ft Gordon	20	1330EST			0	0	0	0	Hail(0.88)
			TV26 reported nickel size hail in the Ft. Gordon area.						

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>GEORGIA, East Central</u>									
Richmond County									
Augusta	20	1335EST			0	0		0	Thunderstorm Wind (G60)
TV26 reported several trees down around the city.									
<u>GEORGIA, Lower</u>									
Camden County									
Waverly to Woodbine	17	1650EST			0	0			Thunderstorm Wind (G50)
Law enforcement reported numerous trees down between Waverly and Woodbine. Marble size hail was also reported with the downed trees.									
<u>GEORGIA, North and Central</u>									
Baldwin County									
5 N Milledgeville	10	1530EST			0	0			Hail(0.75)
Personnel at the Baldwin County Airport reported penny-sized hail.									
Jones County									
8 SW Gray	10	1530EST			0	0			Hail(0.75)
The public reported penny-sized hail.									
Washington County									
1.5 E Deepstep	10	1605EST			0	0			Hail(0.75)
A spotter reported penny-sized hail. The hail partially covered the road.									
Washington County									
3 E Warthen	10	1630EST			0	0			Hail(0.75)
The Washington County 911 Center reported penny-sized hail.									
Walker County									
4 N Cedar Grove	10	1720EST			0	0			Hail(0.75)
The public reported penny-sized hail.									
Dade County									
Trenton to 4 SE Trenton	10	1725EST			0	0			Hail(1.75)
The public reported penny-sized hail in Trenton and golf ball-sized hail four miles southeast of Trenton.									
Dade County									
4 SE Trenton	10	1745EST			0	0			Hail(1.75)
The public reported yet another round of golf ball-sized hail with a second thunderstorm at the same location.									
Jones County									
Clinton to 8 SW Gray	10	1755EST			0	0			Hail(0.75)
Three reports of penny-sized hail were received west and southwest of Gray.									
Chattooga County									
Menlo to 2 W Menlo	10	1805EST 1808EST			0	0			Hail(1.00)
An amateur radio operator reported quarter-sized hail in Menlo while an off-duty police officer reported quarter-sized hail west of Menlo.									
Twiggs County									
1 SW Jeffersonville	10	1835EST			0	0			Hail(0.88)
The public reported nickel-sized hail on the southwest side of Jeffersonville.									
Chattooga County									
Menlo	10	1840EST			0	0			Hail(0.88)
The public reported yet another round of hail, this time nickel-sized.									
Whitfield County									
2 W Varnell to Dalton	10	1855EST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>GEORGIA, North and Central</u>									
The public reported penny-sized hail two miles west of Varnell, in Rocky Face, and Dalton. In addition, wind gusts were estimated at 40 mph in the Varnell area.									
Catoosa County 3 E Graysville	10	1930EST			0	0			Hail(0.75)
The public reported penny-sized hail.									
Catoosa County 3 E Graysville	10	1930EST			0	0	0.25K		Thunderstorm Wind (G35)
The public reported that a very large nearly 200 year old tree was blown down.									
Walker County Rossville	10	1930EST			0	0			Hail(0.75)
The public and an amateur radio operator reported penny-sized hail.									
Forsyth County Cumming	14	1446EST 1452EST			0	0	10K		Thunderstorm Wind (G50)
The Forsyth County News reported that a large oak tree fell onto a vehicle and a home near the intersection of Hutchinson Road and Atlanta Highway. Several other trees were blown down in the area.									
Bartow County 6 NE Pine Log	14	1725EST			0	0	0.25K		Thunderstorm Wind (G50)
The public reported that one large tree and several large limbs were down in the area. Pea-sized hail was also reported.									
Taylor County Reynolds	19	1340EST			0	0			Hail(0.75)
The public reported penny-sized hail.									
Crisp County 1 NE Penia	19	1511EST			0	0			Hail(0.75)
The Crisp County Emergency Management Director reported penny-sized hail on Cemetary Road in the northeast portion of the county.									
Hall County Lula	19	2200EST			0	0			Hail(0.88)
The public observed nickel-sized hail at a Waffle House restaurant.									
Gordon County Calhoun to Fairmount	20	0015EST 0055EST			0	0			Hail(0.75)
The Gordon County 911 Center reported penny-sized hail.									
Pickens County 2 W Hinton	20	0055EST 0110EST			0	0			Hail(0.88)
The public reported nickel-sized hail.									
De Kalb County Decatur	20	1015EST			0	0	2K		Thunderstorm Wind (G50)
The Decatur Police Department reported that a number of trees were blown down.									
Cherokee County 3 E Woodstock	20	1020EST			0	0	2K		Thunderstorm Wind (G50)
The Cherokee County Emergency Management Director reported that a couple of trees and power lines were down									
Coweta County Thomas Xrds	20	1035EST			0	0			Hail(0.88)
The Coweta County 911 Center reported nickel-sized hail.									
Fayette County 1 S Peachtree City	20	1050EST			0	0			Hail(1.00)
The public reported penny to quarter-sized hail on Georgia Highway 74 at Crosstown Road.									
Hall County Lula	20	1050EST			0	0	2K		Thunderstorm Wind (G50)
The Hall County 911 Center reported that several trees were blown down across Georgia Highway 52.									

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>GEORGIA, North and Central</u>									
Troup County									
La Grange	20	1056EST 1100EST			0	0			Hail(0.88)
The Troup County 911 Center and the public both reported nickel-sized hail.									
Heard County									
Yellowdirt	20	1100EST			0	0			Hail(0.75)
The Heard County 911 Center reported penny-sized hail.									
Heard County									
Yellowdirt	20	1100EST			0	0	1K		Lightning
The Heard County 911 Center reported that lightning set a power pole on fire.									
Coweta County									
4 ENE Newnan to Sharpsburg	20	1113EST 1118EST			0	0			Hail(0.75)
The public reported penny-sized hail in the Summer Grove subdivision just east of Interstate-85 along Georgia Highway 34 and a trained spotter reported penny-sized hail in the Sharpsburg area.									
Newton County									
Covington	20	1115EST			0	0			Hail(0.75)
A trained spotter reported penny-sized hail.									
Laurens County									
Dublin	20	1116EST 1120EST			0	0	1.5K		Thunderstorm Wind (G50)
The Laurens County 911 Center reported that six trees were blown down in the Dublin area.									
Newton County									
Countywide	20	1130EST			0	0	3K		Thunderstorm Wind (G50)
The Newton County 911 Center reported that several trees were blown down across the county.									
Oglethorpe County									
Lexington	20	1215EST			0	0			Hail(0.75)
The Oglethorpe County 911 Center reported penny-sized hail.									
Wilkes County									
Washington	20	1215EST			0	0	250K		Lightning
The News Reporter of Washington reported that lightning struck the Wilkes County Law Enforcement Center, causing significant damage to computer equipment in the 911 Center and sheriff's office. Electronic circuitry was damaged in electronic locks, security cameras, computers, and fax machines. It was noted that this was the third time since opening that this building has sustained a lightning strike.									
Emanuel County									
Adrian	20	1245EST			0	0	7K		Thunderstorm Wind (G50)
The Emanuel County 911 Center reported that a few trees were down, one of which fell on a home causing minor structural damage.									
Jones County									
Gray to 1 S Gray	20	1305EST 1310EST			0	0	0.50K		Thunderstorm Wind (G50)
The Jones County 911 Center reported that two trees were blown down, one in Gray and the other one mile southwest of Gray near the intersection of U.S. Highway 129 and Georgia Highway 18.									
Bibb County									
5 NW Macon to 3 NE Macon	20	1310EST			0	0	5K		Thunderstorm Wind (G50)
An amateur radio operator reported that several trees and one power line were blown down five miles northwest of Macon. In the northeast part of the county, a car was blown off U.S. Highway 129 northeast of Macon.									
Troup County									
La Grange	20	1315EST			0	0	0.50K		Hail(1.00)
The public reported quarter-sized hail, which put some minor dents in a metal garage on U.S. Highway 27.									
Baldwin County									
1 S Hardwick	20	1329EST			0	0	2K		Thunderstorm Wind (G50)
The public reported that a couple of power lines were down along Georgia Highway 112 south of Hardwick.									

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>GEORGIA, North and Central</u>									
Baldwin County									
.5 E Milledgeville	20	1329EST			0	0			Hail(0.88)
The public reported nickel-sized hail.									
Taylor County									
Reynolds	20	1330EST			0	0			Hail(0.75)
The Reynolds Police Department reported penny-sized hail.									
Twiggs County									
1 NE Huber	20	1335EST			0	0			Hail(0.75)
An amateur radio operator reported penny-sized hail on Interstate-16 just northeast of Huber.									
Wilkinson County									
Ivey	20	1343EST			0	0	0.25K		Thunderstorm Wind (G39)
The Wilkinson County 911 Center reported that a tree was blown down on Georgia Highway 243.									
Bibb County									
3 S Lorane to 2 N Macon	20	1345EST 1400EST			0	0			Hail(0.88)
NBC TV in Macon reported nickel-sized hail west of Macon, while numerous reports of penny to nickel-sized hail were received from the public on the west and north side of Macon, including the Lake Wildwood area.									
Houston County									
Kathleen to Perry	20	1345EST			0	0	5K		Thunderstorm Wind (G50)
The Houston County 911 Center reported that a tree was blown down onto a vehicle in Perry, causing damage. At another location, the Houston County Sheriff reported that a tree was blown down in Kathleen.									
Peach County									
Byron	20	1350EST			0	0			Hail(0.75)
The public reported penny-sized hail.									
Houston County									
1 N Perry	20	1400EST			0	0			Hail(0.75)
The public reported penny-sized hail.									
Houston County									
1 S Perry	20	1420EST			0	0			Hail(0.75)
An amateur radio operator reported penny-sized hail just south of Perry on Interstate 75 at the intersection of U.S. Highway 341 or at mile marker 139.									
Laurens County									
East Dublin	20	1430EST			0	0	1K		Thunderstorm Wind (G50)
The East Dublin Fire and Rescue Department reported that a few trees were blown down throughout the city.									
Pulaski County									
5 SW Hawkinsville to 2 SE Hawkinsville	20	1435EST 1437EST			0	0			Hail(1.75)
NBC TV Channel Five of Macon relayed a report of golf ball-sized hail near Hawkinsville. The Pulaski County 911 Center reported that they had received several reports of quarter-sized hail in the Hawkinsville area.									
Heard County									
Franklin	20	1450EST			0	0			Hail(1.00)
The public reported penny to quarter-sized hail.									
Muscogee County									
Columbus	20	1520EST			0	0	0.25K		Thunderstorm Wind (G50)
The public reported that one tree and several large limbs had been blown down.									
Chattahoochee County									
Cusseta	20	1530EST			0	0			Hail(0.75)
The Chattahoochee County 911 Center reported penny-sized hail.									
Harris County									
Cataula	23	1920EST			0	0			Hail(1.25)
The public reported half-dollar-sized hail.									

Storm Data and Unusual Weather Phenomena

May 2005

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

Harris County

Ellerslie	23	1930EST			0	0	2K		Thunderstorm Wind (G50)
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The public reported that a number of large trees were uprooted by strong thunderstorm winds.

Dodge County

Countywide	23	2058EST 2118EST			0	0	5K		Thunderstorm Wind (G50)
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The Dodge County News of Eastman reported that a number of trees were blown down across the county by strong thunderstorm winds gusts. One tree fell across Eastman Street in Eastman. Many people in the county lost power during the event.

GEORGIA, Northeast

Stephens County

Toccoa	10	1245EST 1250EST			0	0			Hail(0.75)
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Stephens County

3 E Toccoa	10	1303EST			0	0			Hail(1.00)
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Hart County

Hartwell	10	1430EST			0	0			Hail(0.75)
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Franklin County

Countywide	19	2300EST			0	0			Lightning
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Lightning caused several power outages, mainly across the northern part of the county.

Stephens County

Avalon	19	2305EST			0	0			Thunderstorm Wind (G50)
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Trees down, including one on Martin Rd.

Hart County

5 N Hartwell	19	2337EST			0	0			Hail(1.00)
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GEORGIA, Southeast

Jenkins County

Millen	10	1725EST 1730EST			0	0			Hail(0.88)
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Mcintosh County

Pine Harbor	10	2145EST 2150EST			0	0			Hail(1.00)
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Screven County

2 SE Sylvania	10	1800EST 1805EST			0	0			Hail(1.00)
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Screven County

Hunter	10	1857EST			0	0			Hail(0.75)
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Chatham County

Savannah	17	1514EST			0	0			Hail(0.88)
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Chatham County

2 S Savannah	17	1535EST 1540EST			0	0			Hail(1.75)
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Chatham County

Savannah	17	1530EST			1	1			Thunderstorm Wind (G45)
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1 fatality, 1 injury. High winds knocked tree down on car near the intersection of Eisenhower Drive and Waters Avenue.
F71VE

Screven County

Sylvania	19	1815EST 1820EST			0	0			Thunderstorm Wind (G55)
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Powerlines down in city of Sylvania.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>GEORGIA, Southeast</u>									
Chatham County									
Bloomingdale	20	1630EST 1635EST			0	0			Hail(0.88)
Nickel hail at Bloomingdale and Pooler.									
Chatham County									
Pooler	20	1630EST 1635EST			0	0			Thunderstorm Wind (G50)
Trees down along highway 80.									
Chatham County									
6 E Wilmington Is to Wilmington Is	20	1703EST 1708EST			0	0			Thunderstorm Wind (G55)
Tree limbs down across Tybee Island.									
Chatham County									
6 E Wilmington Is	20	1700EST	0.8	40	0	0			Tornado (F0)
F0 tornado on Tybee Island. Mainly tree damage.									
Liberty County									
Gum Branch	29	1755EST 1800EST			0	0			Thunderstorm Wind (G55)
Microburst with wind estimates near 65 mph. 4 structures along and near Mary Todd Road experienced roof damage. Portions of tin roof from one structure caused damage to 1 downstream vehicle. 10 large trees blown over with 30 smaller trees snapped off at the base.									
<u>GEORGIA, Southwest</u>									
Grady County									
Beachton	05	0600EST			0	0			Hail(0.75)
Penny size hail reported by the public on U.S. Highway 319.									
Tift County									
1 NE Tifton	20	1910EST			0	0			Hail(1.00)
Quarter size hail reported by the Tifton Police.									
Early County									
5 SW Blakely	20	1935EST			0	0			Hail(1.75)
The Early County EMA reported golfball size hail on State Road 62									
Early County									
5 SW Blakely	20	1935EST			0	0	1K		Thunderstorm Wind (G50)
A SKYWARN storm spotter reported downed trees along State Road 62.									
Lee County									
8 NE Leesburg	20	1940EST			0	0			Funnel Cloud
A SKYWARN storm spotter sighted a funnel cloud near State Road 195.									
<u>GULF OF MEXICO</u>									
GMZ75									
10 W Key West	05	0945EST			0	0			Marine Tstm Wind (G60)
Mariner reported 3 boats dragged anchor and were driven ashore at Boca Grande Key. Estimated wind gusts to 60 knots.									
GMZ75									
10 SW Key West	05	0952EST			0	0			Marine Tstm Wind (G56)
Wind gust to 56 knots (64 mph) measured at Sand Key C-MAN station.									
GMZ54									
Key West	05	1010EST			0	0			Marine Tstm Wind (G43)
NWS employee estimated wind gusts of 40 to 50 mph at future NWS facility at White and United Streets in Key West.									
GMZ32									
Key West	05	1010EST			0	0			Marine Tstm Wind (G43)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>GULF OF MEXICO</u>									
									Public reported a large vessel anchored to a floating dock broke loose and nearly struck another large vessel in Key West Bight. Estimated wind gusts to 50 mph.
GMZ54									W End Of The 7 Mile Bridge To Key W Out 20Nm
Key West	05	1014EST			0	0			Marine Tstm Wind (G42)
									Wind gust 42 knots (48 mph) measured at Key West International Airport.
GMZ32									Gulf Side Of The Lower Keys Out 20Nm
Key West	05	1015EST			0	0			Marine Tstm Wind (G34)
									Wind gust 34 knots (39 mph) measured at Key West Police Station.
GMZ32									Gulf Side Of The Lower Keys Out 20Nm
Key West	05	1015EST			0	0			Marine Tstm Wind (G43)
									Public estimated gusts to 50 mph at Key Plaza Shopping Center. Store doors blown open by wind.
GMZ32									Gulf Side Of The Lower Keys Out 20Nm
Key West	05	1020EST			0	0			Marine Tstm Wind (G41)
									Wind gust 41 knots (47 mph) measured at Key West Harbor Pilot office.
GMZ54									W End Of The 7 Mile Bridge To Key W Out 20Nm
6 E Key West	05	1020EST			0	0			Marine Tstm Wind (G40)
									Wind gust 40 knots (46 mph) measured at Key West Naval Air Station on Boca Chica Key
GMZ54									W End Of The 7 Mile Bridge To Key W Out 20Nm
10 W Big Pine Key	05	1045EST			0	0			Marine Tstm Wind (G45)
									Wind gust 45 knots (52 mph) measured by trained spotter on Cudjoe Key.
GMZ53									Craig Key To The W End Of The 7 Mile Bridge Out 20Nm
6 SSW Marathon	05	1131EST			0	0			Marine Tstm Wind (G42)
									Wind gust 42 knots (48 mph) measured at Sombrero Key Light C-MAN station.
GMZ31									Florida Bay
6 ENE Duck Key	05	1156EST			0	0			Marine Tstm Wind (G35)
									Wind gust 35 knots (40 mph) measured at Long Key C-MAN station.
GMZ31									Florida Bay
6 ENE Duck Key	05	1229EST			0	0			Marine Tstm Wind (G41)
									Wind gust 41 knots (47 mph) measured at Long Key C-MAN Station.
GMZ52									Ocean Reef To Craig Key Fl Out 20Nm
8 SSE Key Largo	05	1259EST			0	0			Marine Tstm Wind (G44)
									Wind gust 44 knots (51 mph) measured at Molasses Reef Light C-MAN.
GMZ52									Ocean Reef To Craig Key Fl Out 20Nm
14 ENE Key Largo	05	1340EST			0	0			Marine Tstm Wind (G36)
									Wind gust 36 knots (42 mph) measured at Carysfort Reef HANDAR.
GMZ72									Ocean Reef To Craig Key Fl 20 To 60Nm
27 SSE Islamorada	05	1300EST			0	0			Marine Tstm Wind (G36)
									Sustained wind 36 knots (41 mph) measured by Vessel Heidelberg Express 19 miles SSE of Alligator Reef Light.
GMZ330									Matagorda Bay
Port O'Connor	08	1654CST			0	0			Marine Tstm Wind (G39)
									Measured at Port O'Connor TCOONS.
GMZ350									Freeport To Matagorda Ship Chnl Out 20Nm
20 SW Matagorda	08	1700CST			0	0			Marine Tstm Wind (G40)
									Measured at Port O'Connor TCOONS.
GMZ355									High Is To Freeport Tx Out 20Nm
14 W Galveston	08	1750CST			0	0			Marine Tstm Wind (G47)
									Measured at Jamaica Beach.
GMZ355									High Is To Freeport Tx Out 20Nm
Pleasure Pier	08	1755CST			0	0			Marine Tstm Wind (G57)
									Measured at Pleasure Pier PORTS.
GMZ355									High Is To Freeport Tx Out 20Nm
Buoy 42035	08	1800CST			0	0			Marine Tstm Wind (G37)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>GULF OF MEXICO</u>									
			Measured at Buoy 42035.						
GMZ355			High Is To Freeport Tx Out 20Nm						
North Jetty	08	1800CST			0	0			Marine Tstm Wind (G40)
			Measured at North Jetty PORTS.						
GMZ355			High Is To Freeport Tx Out 20Nm						
North Jetty	08	1840CST			0	0	75K		Marine Tstm Wind (G65)
			Barge docked near the Bolivar Ferry Landing and a tugboat off the Bolivar Peninsula sunk.						
GMZ355			High Is To Freeport Tx Out 20Nm						
33 E Galveston	08	1848CST			0	0			Marine Tstm Wind (G60)
			Estimated at Oil Platform 176.						
GMZ350			Freeport To Matagorda Ship Chnl Out 20Nm						
20 SW Matagorda	08	1854CST			0	0			Marine Tstm Wind (G40)
			Measured at Port O'Connor TCOONS.						
GMZ335			Galveston Bay						
Morgans Point	08	1900CST			0	0			Marine Tstm Wind (G34)
			Measured at Morgans Point PORTS.						
GMZ355			High Is To Freeport Tx Out 20Nm						
North Jetty	08	2000CST			0	0			Marine Tstm Wind (G41)
			Measured at North Jetty PORTS.						
GMZ235			Pt O'Connor To Aransas Pass						
Port O'Connor	08	1654CST 1700CST			0	0			Marine Tstm Wind (G40)
			Recorded by Port Oconnor TCOON site.						
GMZ235			Pt O'Connor To Aransas Pass						
Port O'Connor	08	1854CST 1912CST			0	0			Marine Tstm Wind (G40)
			Recorded by Port Oconnor TCOON site.						
GMZ230			Corpus Christi To Baffin Bay						
Baffin Bay	08	1936CST 1948CST			0	0			Marine Tstm Wind (G35)
			Recorded by Baffin Bay TCOON site.						
GMZ235			Pt O'Connor To Aransas Pass						
Port O'Connor	08	2000CST			0	0			Marine Tstm Wind (G39)
			Recorded by Port Oconnor TCOON site.						
GMZ450			Cameron La To High Is Tx Out 20Nm						
31 SW Mouth Of Sabine	08	1910CST			0	0			Marine Tstm Wind (G48)
			Oil rig platform recorded 55 mph wind gust.						
GMZ470			Cameron La To High Is Tx 20 To 60Nm						
42 SSW Mouth Of Sabine	08	1925CST			0	0			Marine Tstm Wind (G35)
			Oil rig platform recorded 40 mph wind gust.						
GMZ470			Cameron La To High Is Tx 20 To 60Nm						
78 SE Mouth Of Sabine	09	0430CST			0	0			Marine Tstm Wind (G39)
			Oil rig platform recorded 45 mph wind gust.						
GMZ335			Galveston Bay						
Texas City	14	0703CST			0	0			Waterspout
			Sighted near Texas City.						
GMZ75			Key W To Dry Tortugas Waters						
7 WNW Key West	15	1649EST 1701EST			0	0			Waterspout

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>GULF OF MEXICO</u>									
			Waterspout observed 7 miles west northwest of Key West.						
GMZ235			Pt O'Connor To Aransas Pass						
6 W Mesquite Bay to 7 W Mesquite Bay	16	1110CST 1120CST			0	0			Waterspout
			Public and law enforcement witnessed waterspout develop at the mouth of St. Charles Bay, just off of Goose Island State Park. The waterspout moved slowly southwest, approximately 1 mile, into Aransas Bay and dissipated.						
GMZ32			Gulf Side Of The Lower Keys Out 20Nm						
10 N Key West	16	1719EST			0	0			Waterspout
			Waterspout observed 10 miles north of Key West, and was accompanied by 6 separate funnel cloud formations along the cumulus cloud line.						
GMZ32			Gulf Side Of The Lower Keys Out 20Nm						
4 NNW Key West	17	1704EST 1712EST			0	0			Waterspout
			Waterspout observed by trained spotters 4 miles north northwest of Key West.						
GMZ32			Gulf Side Of The Lower Keys Out 20Nm						
4 N Key West	17	1730EST 1736EST			0	0			Waterspout
			Waterspout observed by on-duty NWS personnel 4 miles north of Key West. Trained spotter observed a spray ring 2 miles north off the north edge of the island of Key West.						
GMZ32			Gulf Side Of The Lower Keys Out 20Nm						
4 N Key West	17	1752EST 1801EST			0	0			Waterspout
			Waterspout observed 4 miles north of Key West. A second waterspout formed and dissipated in the vicinity.						
GMZ32			Gulf Side Of The Lower Keys Out 20Nm						
4 N Key West	17	1812EST 1816EST			0	0			Waterspout
			A large yet short-lived waterspout was observed 4 miles north of Key West. This waterspout was also accompanied by a second waterspout which formed and dissipated while the larger waterspout was active.						
GMZ32			Gulf Side Of The Lower Keys Out 20Nm						
4 N Key West	17	1819EST 1837EST			0	0			Waterspout
			A very large and long-lived waterspout was observed 4 miles north of Key West.						
GMZ32			Gulf Side Of The Lower Keys Out 20Nm						
4 N Key West	17	1847EST 1856EST			0	0			Waterspout
			A waterspout was observed 4 miles north of Key West.						
GMZ75			Key W To Dry Tortugas Waters						
3 SW Key West to 5 SW Key West	18	1720EST 1746EST			0	0			Waterspout
			A large waterspout was observed to form 3 miles southwest of Key West...then moved to 5 miles southwest of Key West before dissipating.						
GMZ75			Key W To Dry Tortugas Waters						
5 NW Key West	20	1535EST 1540EST			0	0			Waterspout
			Waterspout observed 5 miles northwest of Key West.						
GMZ54			W End Of The 7 Mile Bridge To Key W Out 20Nm						
12 WSW Big Pine Key	23	0850EST 0857EST			0	0			Waterspout
			Waterspout observed by the public 3 miles south of Sugarloaf Key.						
GMZ54			W End Of The 7 Mile Bridge To Key W Out 20Nm						
13 WSW Big Pine Key	23	1515EST			0	0			Waterspout
			Brief waterspout reported by a mariner 4 miles south of Sugarloaf Key.						
GMZ330			Matagorda Bay						
Palacios	29	0240CST			0	0			Marine Tstm Wind (G34)
			Measured at Palacios ASOS (KPSX).						

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>GULF OF MEXICO</u>									
GMZ355 North Jetty	29	0400CST	High Is To Freeport Tx Out 20Nm Measured at North Jetty PORTS.		0	0			Marine Tstm Wind (G36)
GMZ355 14 W Galveston	29	0416CST	High Is To Freeport Tx Out 20Nm Measured at Jamaica Beach.		0	0			Marine Tstm Wind (G58)
GMZ355 Galveston	29	0434CST	High Is To Freeport Tx Out 20Nm Measured at Galveston Scholes Field ASOS (KGLS).		0	0			Marine Tstm Wind (G41)
GMZ355 Pleasure Pier	29	0436CST	High Is To Freeport Tx Out 20Nm Measured at Pleasure Pier PORTS.		0	0			Marine Tstm Wind (G37)
GMZ650 Dauphin Island	29	1400CST 1405CST	Pensacola Fl To Pascagoula Ms Out 20Nm		0	0			Marine Tstm Wind (G34)
GMZ555 22 SSE Biloxi	29	1649CST	Pascagoula Ms To Sw Pass Of Ms R Out 20Nm		0	0			Marine Tstm Wind (G46)
GMZ230 Baffin Bay	29	1736CST	Corpus Christi To Baffin Bay Recorded by Baffin Bay TCOON site.		0	0			Marine Tstm Wind (G37)
GMZ230 South Bird Island	29	1736CST	Corpus Christi To Baffin Bay Recorded by S. Bird Island TCOON site.		0	0			Marine Tstm Wind (G47)
GMZ230 Baffin Bay	29	1748CST	Corpus Christi To Baffin Bay Recorded by Baffin Bay TCOON site.		0	0			Marine Tstm Wind (G35)
GMZ230 South Bird Island	29	1748CST	Corpus Christi To Baffin Bay Recorded by S. Bird Island TCOON site.		0	0			Marine Tstm Wind (G41)
GMZ230 South Bird Island	29	1800CST	Corpus Christi To Baffin Bay Recorded by S. Bird Island TCOON site.		0	0			Marine Tstm Wind (G48)
GMZ230 South Bird Island	29	2218CST	Corpus Christi To Baffin Bay Recorded by S. Bird Island TCOON site.		0	0			Marine Tstm Wind (G40)
GMZ230 South Bird Island	29	2300CST	Corpus Christi To Baffin Bay Recorded by S. Bird Island TCOON site.		0	0			Marine Tstm Wind (G40)
GMZ630 Bon Secour	29	1820CST 1822CST	Mobile Bay		0	0			Marine Tstm Wind (G36)
GMZ650 15 S Dauphin Island to 20 S Dauphin Island	29	1820CST 1823CST	Pensacola Fl To Pascagoula Ms Out 20Nm		0	0			Marine Tstm Wind (G36)
GMZ670 40 S Dauphin Island	29	1825CST 1828CST	Pensacola Fl To Pascagoula Ms 20 To 60Nm		0	0			Marine Tstm Wind (G36)

Storm Data and Unusual Weather Phenomena

May 2005

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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GULF OF MEXICO

GMZ670 45 S Dauphin Island to 55 S Dauphin Island	29	1958CST 2001CST	Pensacola Fl To Pascagoula Ms 20 To 60Nm		0	0			Marine Tstm Wind (G40)
GMZ550 20 S Venice	29	2257CST	Sw Pass Of The Ms R To Atchafalaya R La Out 20Nm		0	0			Marine Tstm Wind (G36)
GMZ455 20 S Marsh Island	30	0230CST	Atchafalaya R To Cameron La Out 20Nm		0	0			Marine Tstm Wind (G52) Oil rig platform recorded 60 mph wind gust.
GMZ470 62 SE Mouth Of Sabine F	30	0240CST	Cameron La To High Is Tx 20 To 60Nm		0	0			Marine Tstm Wind (G41) Oil rig platform recorded 47 mph wind gust.
GMZ475 40 SSW Marsh Island	30	0240CST	Atchafalaya R To Cameron La 20 To 60Nm		0	0			Marine Tstm Wind (G39) Oil rig platform recorded 45 mph wind gust.
GMZ650 Dauphin Island	30	0414CST 0416CST	Pensacola Fl To Pascagoula Ms Out 20Nm		0	0			Marine Tstm Wind (G34)
GMZ630 Alabama Port	30	0415CST 0418CST	Mobile Bay		0	0			Marine Tstm Wind (G34)
GMZ575 45 E Venice	31	0246CST	Pascagoula Ms To Sw Pass Of Ms R 20 To 60Nm		0	0			Marine Tstm Wind (G37)
GMZ830 Old Tampa Bay	31	0432EST	Tampa Bay		0	0			Marine Tstm Wind (G40) The wind gust was measured at the Saint Petersburg/Clearwater International Airport.
GMZ856 San Carlos Bay	31	1500EST	Bonita Beach To Englewood Fl Out 20Nm		0	0			Marine Tstm Wind (G35) Gusty thunderstorm winds blew across Sanibel Island and caused outdoor furniture to be blown 300 yards.

HAWAII

HIZ001>003-005>006-013>014-016-018>019-021-023>026	05 06	0600HST 0800HST	Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Waianae Coast - Molokai Leeward - Lanai Makai - Kahoolawe - Maui Leeward West - Maui Central Valley - Leeward Haleakala - Kona - South Big Island - Big Island North And East - Kohala		0	0			Heavy Surf/High Surf Several strong lows east of New Zealand in the southern hemisphere helped generate surf of 6 to 10 feet along the south shores of all the Hawaiian Islands. No significant property damage or injuries were reported.
Maui County Keokea to Ulupalakua	09	1636HST 1835HST			0	0			Heavy Rain Heavy showers on the lee slopes of Haleakala in East Maui, from Keokea to Ulupalakua, caused ponding of roadways, and small stream and drainage ditch flooding. There were no reports of serious injuries or property damage.
HIZ006	10 19	1230HST 1800HST	Waianae Coast		0	0			Wildfire A fire scorched 3000 acres of mainly brush about 1.5 miles northeast of Nanakuli over a nine-day period. The fire had been intentionally set and, for a time, required as many as 22 of 42 engine companies from the Honolulu Fire Department to contain the blaze. Several helicopters were utilized throughout the event to dump water on the fire, which was partially burning in inaccessible locations. Flames had threatened some homes and rare native plants, and forced a few schools in Nanakuli to close over several days. The fire also snarled traffic and caused disruptions in residents' daily work schedules. Costs to fight the blaze were tremendous, with overtime and helicopter services alone running over \$38 thousand. However, there were no serious injuries or property damage.

Storm Data and Unusual Weather Phenomena

May 2005

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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HAWAII

HIZ024

South Big Island

13 1400HST
14 1700HST

0 0 50K

Wildfire

A fast-moving fire blackened 900 acres of brush about 5 miles north-northeast of South Point on the Big Island of Hawaii. The blaze did not threaten any homes. The newspaper article carrying the story of the fire mentioned that damage estimates were \$50 thousand, though there were no specifics about exactly what was damaged. No serious injuries were reported.

HIZ026

Kohala

18 1200HST
19 1830HST

0 0

Wildfire

A fire burned around 300 acres of brush near Lapakahi State Historical Park in the North Kohala District on the Big Island of Hawaii. No homes were ever in danger, but some livestock had been threatened before the fire was brought under control. There were no serious injuries or property damage.

Honolulu County

**Kahuku to
Hawaii Kai**

21 0520HST
1120HST

0 0

Heavy Rain

Heavy showers caused ponding of roadways, and small stream and drainage ditch flooding in windward and southeast parts of Oahu. There were no reports of serious property damage or injuries.

Maui County

**Wailea to
Ulupalakua**

24 1341HST
1541HST

0 0

Heavy Rain

Heavy showers on the lee slopes of Haleakala in East Maui produced small stream and drainage ditch flooding, and ponding of roadways. The communities most affected were Wailea, Makena, and Ulupalakua. No serious injuries or property damage were reported, however.

HIZ025

Big Island North And East

27 1600HST
28 0800HST

0 0

Wildfire

A brush fire burned 400 acres just south of the Waimea Airport on the Big Island of Hawaii, or about 3 miles south of Kamuela. The blaze did not threaten homes or other property. There were no reports of serious injuries.

Honolulu County

**1 N Ewa to
2 NW Ewa**

31 1740HST
1750HST

0 0

Funnel Cloud

A funnel cloud caused excitement over leeward Oahu on the last day of the month. Many people from the general public observed the phenomenon and called the NWS office and/or local media. However, the funnel cloud dissipated without incident.

IDAHO, Extreme Southeast

IDAHO, North

Storm Data and Unusual Weather Phenomena

May 2005

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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IDAHO, Northwest

Latah County

Juliaetta	06	1630PST 1800PST			0	0	1M		Flash Flood
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Nez Perce County

Northeast Portion	06	1630PST 1800PST			0	0	1M		Flash Flood
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On the evening of the 6th of May, a slow moving line of thunderstorms moved across central Idaho. These thunderstorms dumped one to three inches of rain in an hour across portions of the Idaho Palouse. A flash flood moved into Hubble Gulch and washed out Hubble Gulch Road and a few structures in Nez Perce County. Numerous roads were also washed out in Latah County with the same storms. There was an estimated 2 million dollars damage to roads and structures total for both counties because of the flash flooding.

Nez Perce County

Lapwai	08	1500PST 1630PST			0	0	4M		Flash Flood
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A slow moving thunderstorm moved 2 miles east of the town of Lapwai on the afternoon of the 8th of May. An estimated 2 to 3 inches fell across the headwaters of Garden Gulch Creek in about an hour. A flash flood then raced through Garden Gulch and flooded out structures, killed some livestock and washed out roads to the intersection of State Route 95 and Garden Gulch Road. An estimated 4 million dollars in property and roads was estimated in a five mile swath along Garden Gulch.

Latah County

East Portion	09	1600PST 2300PST			0	0			Flash Flood
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On the evening of the 9th of May, a storm system brought slow moving thunderstorms across portions of Central Idaho. These storms dumped 2 to 5 inches of rain in about 6 hours in eastern Latah County. There were numerous road closures due to the heavy rain and many homes were flooded in eastern Latah County. Many locations on Highways 8 and 95 around Moscow were closed and damaged due to debris flows.

IDAHO, Southeast

IDAHO, Southwest

Twin Falls County

Buhl	05	1705MST 1710MST			0	0	5K		Hail(0.75)
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Canyon County

Caldwell	06	1535MST 1615MST			0	0	50K		Flash Flood
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Flooding at the Caldwell Airport, parts of Caldwell, Conway Rd washed out

Washington County

Midvale	19	1825MST 1835MST			0	0	1K		Hail(0.75)
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Twin Falls County

Rogerson	29	1320MST 1355MST			0	0	3K		Hail(0.75)
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Boise County

South Portion	29	1545MST 1615MST			0	0	500K		Flash Flood
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Mudslide on Arrowrock Rd

Washington County

Weiser	29	1735MST 1745MST			0	0			Thunderstorm Wind (G60)
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Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ILLINOIS, Central</u>									
Macon County									
Maroa	11	1623CST			0	0			Hail(0.88)
Edgar County									
Brocton	11	1640CST			0	0			Hail(0.75)
Sangamon County									
Springfield	11	1645CST			0	0			Hail(0.88)
Macon County									
Blue Mound	11	1650CST 1700CST			0	0			Hail(1.75)
		Hail covered the ground.							
Sangamon County									
Chatham	11	1653CST			0	0			Hail(0.75)
Macon County									
Blue Mound	11	1700CST			0	0			Thunderstorm Wind (G50)
Moultrie County									
Lovington	11	1705CST			0	0			Hail(1.00)
Macon County									
Southwest Portion	11	1742CST 1930CST			0	0			Flash Flood
		Highway 48 impassible southwest of Blue Mound due to water over road. Additional county roads were also under water in southwest portion of county.							
Moultrie County									
North Portion	11	1800CST 2000CST			0	0			Flash Flood
		3.5 inches of rain fell in a short period of time in Lovington and produced flash flooding on several city streets making them impassible.							
Morgan County									
Woodson	11	1830CST			0	0			Thunderstorm Wind (G50)
		A few power lines blown down.							
Christian County									
Northeast Portion	11	1855CST 2000CST			0	0			Flash Flood
		Highway 48 under three feet of water near Christian and Macon county line.							
Piatt County									
2 N Hammond	13	1639CST			0	0			Hail(1.00)
Champaign County									
Philo	13	1712CST			0	0			Hail(0.75)
Effingham County									
Altamont	13	1720CST			0	0			Thunderstorm Wind (G50)
		Trees and power lines blown down.							
Vermilion County									
Fithian	13	1730CST			0	0			Thunderstorm Wind (G60)
		A greenhouse, 2 barns and a metal tool shed were destroyed. Numerous trees and power lines blown down.							
Effingham County									
Dieterich	13	1800CST			0	0			Thunderstorm Wind (G50)
		Trees and power lines blown down.							
Cumberland County									
Greenup	13	1806CST			0	0			Thunderstorm Wind (G50)
		A few large tree limbs blown down.							
Clark County									
3 E Marshall	13	1830CST			0	0			Thunderstorm Wind (G50)
		A few trees blown down.							

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>ILLINOIS, Central</u>									
Jasper County									
Newton	13	1900CST			0	0			Thunderstorm Wind (G50)
			A few trees and power lines blown down.						
Jasper County									
Yale	13	1900CST			0	0			Hail(1.00)
Crawford County									
Bellair	13	1920CST			0	0			Hail(0.75)
Crawford County									
Annapolis	13	1926CST			0	0			Hail(0.75)
Clay County									
Clay City	19	1423CST			0	0			Hail(1.00)
Richland County									
Noble	19	1443CST			0	0			Hail(1.00)
Lawrence County									
1 N Bridgeport	19	1458CST			0	0			Hail(0.75)
Richland County									
Calhoun	19	1510CST			0	0			Hail(0.75)
Lawrence County									
1 S Helena	19	1540CST			0	0			Thunderstorm Wind (G50)
			Large tree blown down.						
Peoria County									
8 W Princeville	19	1642CST			0	0			Thunderstorm Wind (G50)
Richland County									
Olney	19	1655CST			0	0			Thunderstorm Wind (G50)
			Few trees blown down.						
Peoria County									
Peoria	19	1700CST			0	0			Hail(0.75)
Peoria County									
Peoria	19	1700CST 1710CST			0	0			Thunderstorm Wind (G55)
			Numerous trees and power lines blown down.						
Richland County									
Olney	19	1701CST			0	0			Hail(0.75)
Tazewell County									
1 N Mackinaw	19	1732CST			0	0			Thunderstorm Wind (G52)
Tazewell County									
4 SW Washington	19	1745CST			0	0			Thunderstorm Wind (G50)
			Large tree blown down.						
Logan County									
Elkhart	19	1900CST			0	0			Thunderstorm Wind (G50)
			Numerous tree limbs blown down.						
Moultrie County									
Sullivan	19	1954CST			0	0			Thunderstorm Wind (G55)
			Numerous trees and power lines blown down.						
Morgan County									
Chapin	19	2000CST			0	0			Thunderstorm Wind (G50)
			A few trees blown down.						
Morgan County									
Woodson	19	2005CST			0	0			Thunderstorm Wind (G50)
			Several tree limbs blown down.						

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>ILLINOIS, Central</u>									
Coles County									
Mattoon	19	2010CST			0	0			Thunderstorm Wind (G55)
									Numerous trees blown down.
Lawrence County									
Countywide	19	2145CST 2230CST			0	0			Thunderstorm Wind (G55)
									Trees and power lines blown down across the county.
Christian County									
Stonington	19	1754CST			0	0			Thunderstorm Wind (G50)
									Power lines down.
<u>ILLINOIS, Northeast</u>									
Lee County									
5 S Harmon	11	0400CST 0404CST			0	0			Hail(1.00)
Lee County									
5 S Harmon	11	0400CST			0	0			Thunderstorm Wind (G52)
De Kalb County									
1 SE De Kalb	11	0430CST			0	0			Thunderstorm Wind (G55)
									Eleven utility poles along with power lines were blown down just south of Interstate 88.
Kendall County									
Oswego	11	0517CST 0521CST			0	0			Hail(1.00)
Will County									
Plainfield	11	0525CST			0	0			Thunderstorm Wind (G60)
									A two foot diameter tree fell on power lines and a house, causing the house to catch on fire near Renwick and Drauden Roads.
Cook County									
Chicago	11	0600CST			0	1			Lightning
									A 27 year old man was struck by lightning and suffered burns and internal injuries.
Cook County									
Maywood	19	1146CST 1150CST			0	0			Hail(1.00)
De Kalb County									
De Kalb	19	1445CST			0	0			Thunderstorm Wind (G52)
Winnebago County									
Rockton to 2 SW Roscoe	19	1502CST 1507CST			0	0			Hail(1.75)
									Hail ranging from the size of nickels to golfballs fell across far northeast Winnebago County.
Boone County									
Poplar Grove	19	1517CST 1520CST			0	0			Hail(1.00)
									Quarter size hail fell near Route 173 in central Boone County.
Will County									
Plainfield to 1 S Shorewood	19	1520CST 1541CST			0	0			Hail(1.75)
									Hail ranging from the size of nickels to golfballs fell from Plainfield to Shorewood. Golfball size hail was reported in Shorewood. Quarter size hail was reported at Interstate 55 and Interstate 80. Half dollar size hail was reported at Route 59 and Theodore Road. Numerous homes received roof and siding damage from the hail.
Kendall County									
Yorkville	19	1527CST			0	0			Thunderstorm Wind (G55)
									A utility pole and numerous oak trees were blown down near Walker and Schlapp Roads.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>ILLINOIS, Northeast</u>									
Boone County									
Poplar Grove	19	1528CST 1530CST			0	0			Hail(1.00)
Kendall County									
Oswego	19	1528CST 1530CST			0	0			Hail(0.75)
Penny size hail reported near Route 34.									
Will County									
Plainfield to Joliet	19	1530CST 1535CST			0	0			Thunderstorm Wind (G55)
A gust to 60 mph was reported at Route 59 and Theodore Road. Several trees were blown down across Plainfield and the west side of Joliet, including a one foot diameter tree near Route 30 and Route 59, a large tree near Drauden and Caton Farm Roads. Part of the roof at the Plainfield South High School was damaged.									
Winnebago County									
2 NW Durand to Durand	19	1536CST 1539CST			0	0			Hail(0.88)
Nickel size hail was reported near Lake Summerset.									
Kendall County									
3 NW Yorkville	19	1544CST			0	0			Thunderstorm Wind (G50)
Railroad gates were blown down near Eldmain Road and Route 34.									
Mchenry County									
Woodstock	19	1548CST 1550CST			0	0			Hail(0.88)
Mchenry County									
Crystal Lake	19	1605CST 1607CST			0	0			Hail(0.88)
Mchenry County									
Crystal Lake	19	1613CST 1618CST			0	0			Hail(1.75)
Golfball size hail was reported covering the ground.									
ILZ005									
Mchenry									
	19	1620CST 1720CST			0	0			Flood
Numerous roads were blocked in Crystal Lake due to flooding with six inches or more of standing water									
Mchenry County									
Cary	19	1620CST 1625CST			0	0			Hail(1.25)
Half dollar size hail was reported covering the ground.									
Cook County									
Barrington	19	1644CST 1646CST			0	0			Hail(0.75)
Lake County									
Barrington	19	1644CST 1646CST			0	0			Hail(0.75)
Will County									
1 NE Wilmington	19	1650CST			0	0			Thunderstorm Wind (G52)
A gust to 60 mph was reported near Route 53 and Wilmington-Petone Road.									
Kankakee County									
Herscher	19	1703CST 1708CST			0	0			Hail(1.75)
Golfball size hail broke windows, dented cars and damaged roofs in Herscher.									
Iroquois County									
Chebanse	19	1714CST 1719CST			0	0			Hail(2.75)
Baseball size hail was reported near mile marker 302 on Interstate 57 at the Kankakee-Iroquois County line.									

Storm Data and Unusual Weather Phenomena

May 2005

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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ILLINOIS, Northeast

Kankakee County

7.5 S Kankakee	19	1714CST 1719CST			0	0			Hail(2.75)
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Baseball size hail was reported near mile marker 302 on Interstate 57 in Chebanse at the Kankakee-Iroquois County line.

Iroquois County

Watseka	19	1735CST			0	0			Thunderstorm Wind (G55)
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Several trees were blown down.

Iroquois County

Watseka to Sheldon	19	1748CST 1756CST			0	0			Hail(1.75)
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Quarter size to Golfball size hail fell from northern Watseka to Sheldon.

Iroquois County

Sheldon	19	1750CST			0	0			Thunderstorm Wind (G50)
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Shingles were blown off a roof.

Winnebago County

Loves Park	27	1651CST 1655CST			0	0			Hail(1.00)
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ILLINOIS, Northwest

ILLINOIS, South

ILZ075>078-080>091 Jefferson - Wayne - Edwards - Wabash - Perry - Franklin - Hamilton - White - Jackson - Williamson - Saline - Gallatin - Union - Johnson - Pope - Hardin

04		0300CST 0500CST			0	0			Frost/Freeze
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An unusually late season frost affected most of southern Illinois except for the three southernmost counties. Temperatures fell into the mid 30s. Many unofficial readings from 34 to 36 degrees were recorded. This was the last of four consecutive frosty mornings. Lows each morning from May 1st to the 4th were about the same, mostly in the middle 30's. The combination of the cold weather and much lower than normal rainfall slowed the development of some early-planted corn and soybeans

Alexander County

Cairo	13	1105CST			0	0			Hail(0.75)
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Saline County

Harrisburg	13	1140CST 1145CST			0	0			Hail(1.00)
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Numerous reports of nickel to quarter-size hail in downtown Harrisburg.

Franklin County

Rend City	13	1500CST			0	0			Thunderstorm Wind (G50)
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Trees were blown down near the Rend Lake Dam spillway.

Franklin County

West Frankfort	13	1502CST			0	0			Hail(0.75)
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Alexander County

East Cape Girardeau	13	1817CST			0	0			Hail(0.75)
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Pulaski County

1 SW Pulaski to 2 S Pulaski	13	1840CST 1845CST			0	0	2K		Thunderstorm Wind (G50)
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Power lines were blown down on Sandusky Road southwest of Pulaski. Trees were down between Pulaski and Villa Ridge along U.S. Highway 51.

Johnson County

Cypress to Vienna	13	1915CST 1920CST			0	0	2K		Thunderstorm Wind (G50)
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Trees were blown down in Cypress. Power lines were down in Vienna.

Storm Data and Unusual Weather Phenomena

May 2005

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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ILLINOIS, South

Massac County

4 NNE Brookport to 2.5 NE Brookport	13	2045CST			0	0	15K		Thunderstorm Wind (G50)
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Some shingles were blown off a house, and the metal roof was blown off an older farm building. Three very large oak trees were blown down, along with power lines. Two trucks were damaged from debris.

Scattered thunderstorms developed during the midday hours and continued through the evening. Several storms reached severe levels for a brief time, producing hail up to one inch in diameter and wind gusts to around 60 MPH.

Jackson County

Murphysboro	19	1522CST			0	0			Hail(0.75)
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Wabash County

Bellmont	19	1734CST			0	0			Hail(1.75)
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Jackson County

Murphysboro	20	0012CST			0	0			Hail(0.75)
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Perry County

Du Quoin	19 20	2320CST 0030CST			0	0			Heavy Rain
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Street flooding was reported all over Du Quoin. U.S. Highway 51 was reported to be under water.

ILLINOIS, Southwest

Adams County

5 N Quincy	11	1710CST			0	0			Hail(0.75)
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A local TV station relayed reports of 3/4 inch hail north of Quincy.

Adams County

2 SE Paloma	11	1735CST	0.2	50	0	0			Tornado (F0)
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A view of the tornado that caused minor damage near Paloma.

A weak tornado damaged the front porch and blew off roof shingles at a farm house southeast of Paloma.

Macoupin County

Palmyra	11	1900CST			0	0			Hail(0.88)
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Macoupin County

5 W Bunker Hill	11	1910CST			0	0			Hail(0.88)
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Storm spotters reported nickel size hail in Palmyra and west of Bunker Hill.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>ILLINOIS, Southwest</u>									
Montgomery County									
Litchfield	11	1920CST			0	0			Hail(1.00)
Montgomery County									
Taylor Spgs	11	1920CST			0	0			Thunderstorm Wind (G51)
Montgomery County									
5 W Honey Bend	11	1925CST			0	0			Hail(1.00)
Montgomery County									
Litchfield Muni Arprt	11	1927CST			0	0			Thunderstorm Wind (G51)
A couple of severe thunderstorms produced hail and strong wind gusts across Montgomery County. Amateur radio spotters reported a tree on a house in Taylor Springs. The automated surface system at the Litchfield Airport recorded a 60 mph wind gust. Hail up to 1 inch in diameter was reported near Honey Bend and in Litchfield.									
Montgomery County									
Donnellson	11	1940CST			0	0			Thunderstorm Wind (G51)
Montgomery County									
Hillsboro	11	1940CST			0	0			Thunderstorm Wind (G51)
Montgomery County									
Taylor Spgs	11	1940CST			0	0			Thunderstorm Wind (G51)
Montgomery County									
Coffeen	11	1945CST			0	0			Thunderstorm Wind (G51)
Montgomery County									
Irving	11	1945CST			0	0			Hail(0.88)
Montgomery County									
Irving	11	1950CST			0	0			Hail(1.00)
Severe thunderstorms produced wind damage and dropped 1 inch hail across parts of Montgomery County. Trees, power lines and some power poles were reported down in Hillsboro, Taylor Springs, Donnellson, and Coffeen. One inch hail was reported by storm spotters in Irving. One house in Taylor Springs suffered major damage from a downed tree. The roof of a home in Coffeen was also damage by a large tree limb.									
Madison County									
Hamel	11	2000CST			0	0			Thunderstorm Wind (G51)
The public reported large tree branches down.									
Bond County									
Greenville	11	2015CST			0	0			Hail(0.75)
Bond County									
Greenville	11	2015CST			0	0			Thunderstorm Wind (G51)
Amateur radio spotters reported 3/4 inch hail in Greenville. Several electric lines were also downed by tree limbs.									
Fayette County									
6 S Ramsey	11	2020CST			0	0			Hail(0.88)
A storm spotter reported nickel size hail.									
Bond County									
Mulberry Grove	11	2025CST			0	0			Thunderstorm Wind (G51)
Thunderstorm wind gusts blew down a tree and power line at the intersection of Second and Tower Streets.									
Marion County									
Vernon	11	2030CST			0	0			Thunderstorm Wind (G55)
Emergency management officials reported tin from the roof of a storage building blown off.									
Madison County									
St Jacob	11	2030CST			0	0	5K		Thunderstorm Wind (G52)
Thunderstorm wind gusts destroyed a greenhouse near St. Jacob. Damage was estimated at \$5000.									
Macoupin County									
1 NW Carlinville	19	2100CST			0	0			Hail(0.88)
Amateur radio spotters reported nickel size hail northwest of Carlinville.									

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>ILLINOIS, Southwest</u>									
Macoupin County									
Wilsonville	19	2120CST			0	0			Hail(1.00)
Macoupin County									
Benld	19	2130CST			0	0			Hail(0.75)
Macoupin County									
Staunton	19	2130CST			0	0			Hail(0.75)
									The County Sheriff reported 1 inch hail in Wilsonville. Amateur radio spotters reported 3/4 inch hail in Staunton. A storm spotter reported 3/4 inch hail in Benld.
Madison County									
Livingston	19	2130CST			0	0			Hail(1.00)
Madison County									
Alhambra	19	2140CST			0	0			Hail(1.75)
									A cooperative observer reported hail up to golfball size in Alhambra. The public reported 1 inch hail in Livingston.
Bond County									
Pocahontas	19	2157CST			0	0			Hail(0.75)
Bond County									
Pierron	19	2207CST			0	0			Hail(0.88)
									The public reported 3/4 inch hail in Pocahontas. A storm spotter reported nickel size hail in Pierron.
Madison County									
Troy	19	2220CST			0	0			Thunderstorm Wind (G52)
									A storm spotter reported several large tree limbs down.
Clinton County									
3 N Breese	19	2225CST			0	0			Hail(1.00)
									Amateur radio spotters reported 1 inch hail north of Breese.
St. Clair County									
3 E Belleville	19	2250CST			0	0			Thunderstorm Wind (G53)
St. Clair County									
Cahokia	19	2250CST			0	0			Thunderstorm Wind (G53)
									Local law enforcement reported trees and power lines down. One home in Cahokia was damaged by a downed tree.
Monroe County									
Fults	19	2335CST			0	0			Thunderstorm Wind (G55)
									Emergency management officials reported a couple of power poles snapped and a couple a garages damaged by thunderstorm wind gusts.
Randolph County									
Prairie Du Rocher	19	2345CST			0	0			Hail(0.75)
									A storm spotter reported 3/4 inch hail.
<u>INDIANA, Central</u>									
Howard County									
Greentown	11	1440EST 1441EST			0	0	0	0	Hail(0.75)
Delaware County									
2 E Eaton	11	1542EST 1543EST			0	0	0	0	Hail(1.75)
Delaware County									
Albany	11	1555EST 1556EST			0	0	0	0	Hail(2.50)
Delaware County									
Albany	11	1600EST 1800EST			0	0	0	0	Flash Flood
									Roads were closed in Albany due to high water.

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>INDIANA, Central</u>									
Delaware County 10 NW Muncie	11	1600EST 1601EST			0	0	0	0	Hail(1.75)
Putnam County Russellville	11	1605EST 1606EST			0	0	0	0	Hail(1.25)
Boone County 4 N Lebanon	11	1625EST 1626EST			0	0	0	0	Hail(1.00)
Delaware County Gaston	11	1630EST 1631EST			0	0	0	0	Hail(1.75)
Putnam County Roachdale	11	1630EST 1631EST			0	0	0	0	Hail(0.75)
Delaware County Albany	11	1636EST 1637EST			0	0	0	0	Hail(0.75)
Delaware County 3 N Muncie	11	1638EST 1639EST			0	0	0	0	Hail(0.75)
Boone County 2 S Terhune	11	1640EST			0	0	0	0	Hail(0.75)
Hamilton County Sheridan	11	1641EST 1642EST			0	0	0	0	Hail(1.00)
Boone County 5 NW Lebanon	11	1643EST 1644EST			0	0	0	0	Hail(1.00)
Boone County 5 NE Lebanon	11	1644EST 1645EST			0	0	0	0	Hail(1.75)
Randolph County 7 N Winchester	11	1645EST 1646EST			0	0	0	0	Hail(1.75)
Madison County 3 WSW Anderson	11	1652EST 1653EST			0	0	0	0	Hail(0.75)
Hamilton County 8 W Noblesville	11	1654EST 1655EST			0	0	0	0	Hail(1.00)
Hamilton County 8 W Noblesville	11	1702EST 1703EST			0	0	0	0	Hail(1.00)
Randolph County 1 E Parker City	11	1702EST 1703EST			0	0	0	0	Hail(1.75)
Madison County 3 S Anderson	11	1704EST 1705EST			0	0	0	0	Hail(0.75)
Hamilton County Noblesville	11	1710EST 1711EST			0	0	0	0	Hail(1.00)
Hamilton County Noblesville	11	1719EST 1720EST			0	0	0	0	Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>INDIANA, Central</u>									
Henry County 3 S Middletown	11	1722EST 1723EST			0	0	0	0	Hail(0.75)
Madison County 4 N Elwood	11	1723EST 1724EST			0	0	0	0	Hail(1.00)
Madison County 3 W Alexandria	11	1737EST 1738EST			0	0	0	0	Hail(0.75)
Henry County New Castle	11	1738EST 1739EST			0	0	0	0	Hail(0.75)
Madison County Summitville	11	1738EST 1739EST			0	0	0	0	Hail(0.75)
Hancock County Fortville	11	1741EST 1742EST			0	0	0	0	Hail(0.75)
Hendricks County 6 W Danville	11	1742EST 1743EST			0	0	0	0	Hail(0.75)
Madison County 2 N Alexandria	11	1745EST 1746EST			0	0	0	0	Hail(1.00)
Henry County New Castle	11	1754EST 1755EST			0	0	0	0	Hail(0.75)
Henry County New Castle	11	1754EST Trees were blown down.			0	0	0	0	Thunderstorm Wind (G50)
Putnam County 5 E Bainbridge	11	1755EST 1756EST			0	0	0	0	Hail(1.25)
Hendricks County 1 W Stilesville	11	1819EST 1820EST			0	0	0	0	Hail(1.00)
Madison County 1 W Summitville	11	1822EST 1823EST			0	0	0	0	Hail(0.75)
Henry County 1 E Lewisville	11	1824EST 1825EST			0	0	0	0	Hail(0.88)
Hendricks County 5 W Danville to 1 W Danville	11	1825EST Large tree branches broken.			0	0	0	0	Thunderstorm Wind (G50)
Putnam County 1 E Bainbridge	11	1835EST 1836EST			0	0	0	0	Hail(1.00)
Morgan County 3 W Mooresville	11	1858EST 1859EST			0	0	0	0	Hail(0.75)
Morgan County 3 S Lake Hart	11	1907EST 1908EST			0	0	0	0	Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>INDIANA, Central</u>									
Parke County									
9 SE Rockville	11	1908EST 1909EST			0	0	0	0	Hail(0.75)
Johnson County									
1 S Franklin	11	2030EST 2031EST			0	0	0	0	Hail(0.88)
Johnson County									
1 N Edinburg	11	2100EST 2101EST			0	0	0	0	Hail(0.88)
Johnson County									
Edinburg	11	2109EST			0	0	0	0	Thunderstorm Wind (G50) Several trees were downed at State Road 252 and Blue River Bridge.
Bartholomew County									
Columbus	11	2112EST			0	0	0	0	Thunderstorm Wind (G52) An estimated wind gust of 60 mph occurred in Columbus. Several severe thunderstorms moved across mainly the northern half of central Indiana on the afternoon and evening of 11 May 2005. Reports of wind damage were sparse, as most of the severe weather produced by the storms was in the form of large hail. The tennis ball sized hail which fell in Delaware County was the largest hail in central Indiana in just over two years, and the largest in Delaware County in almost five years.
Brown County									
2 S Helmsburg	13	1305EST			0	0	0	0	Thunderstorm Wind (G50) Trees two feet in diameter were blown down along Lanam Ridge Road.
Monroe County									
12 SE Bloomington	13	1305EST			0	0	0	0	Thunderstorm Wind (G50) Power lines were blown down at the south end of Lake Monroe.
Brown County									
Spearsville	13	1310EST			0	0	0	0	Thunderstorm Wind (G50) Six-inch diameter limbs were blown down.
Martin County									
7 N Shoals	13	1330EST			0	0	0	0	Thunderstorm Wind (G50) Several trees were blown down.
Johnson County									
7 NW Franklin	13	1340EST			0	0	0	0	Thunderstorm Wind (G50) Trees were blown down on State Road 144.
Morgan County									
Chetwynd	13	1345EST			0	0	0	0	Thunderstorm Wind (G50) Trees were blown down on State Road 44.
Johnson County									
4 W Greenwood	13	1348EST 1357EST			0	0	0	0	Hail(0.88)
Shelby County									
Shelbyville Muni Arp	13	1359EST			0	0	0	0	Thunderstorm Wind (G51) The Shelbyville ASOS (KGEZ) reported a wind gust to 51 knots (59 miles per hour).
Clay County									
2 NW Brazil	13	1420EST			0	0	0	0	Thunderstorm Wind (G50) Trees were blown down.
Jennings County									
8 NW North Vernon	13	1425EST			0	0	0	0	Thunderstorm Wind (G50) Several trees were blown down.
Marion County									
Lawrence	13	1427EST 1428EST			0	0	0	0	Hail(0.75)

Storm Data and Unusual Weather Phenomena

May 2005

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									
Decatur County									
2 SW Westport	13	1430EST			0	0	0	0	Thunderstorm Wind (G50) Trees and power lines were blown down. One tree, which was 93 feet tall and over 100 years old, came within inches of crushing a home when it was uprooted by the storm.
Rush County									
8 N Rushville	13	1430EST			0	0	0	0	Thunderstorm Wind (G50) Trees were blown down just west of State Road 3 near the Little Blue River.
Owen County									
Quincy	13	1440EST 1441EST			0	0	0	0	Hail(1.00)
Knox County									
1 SW Wheatland	13	1447EST			0	0	0	0	Thunderstorm Wind (G50) Several six to ten inch diameter limbs were blown down.
Morgan County									
Eminence	13	1455EST			0	0	0	0	Thunderstorm Wind (G50) Several trees were blown down.
Greene County									
4 S Bloomfield	13	1500EST			0	0	0	0	Thunderstorm Wind (G50) Several trees were blown down.
Delaware County									
2 NW Muncie	13	1516EST 1517EST			0	0	0	0	Hail(0.75)
Hendricks County									
Brownsburg	13	1518EST 1519EST			0	0	0	0	Hail(1.00)
Hendricks County									
Brownsburg	13	1518EST			0	0	0	0	Thunderstorm Wind (G53) A 61 mph wind gust was measured in Brownsburg.
Marion County									
3 NW Indianapolis	13	1548EST 1549EST			0	0	0	0	Hail(0.88)
Parke County									
4 W Rosedale	13	1607EST			0	1	10K	0	Thunderstorm Wind (G50) Trees were snapped off on County Road 900 South between Lyford and Rosedale. The limbs fell on a vehicle, causing damage and an injury. Damage numbers are estimated.
Madison County									
Linwood	13	1627EST			0	0	0	0	Thunderstorm Wind (G52) A wind gust to 60 mph was reported.
Vigo County									
3 S Terre Haute	13	1634EST 1635EST			0	0	0	0	Hail(0.75)
Delaware County									
5 SW Gaston	13	1637EST 1638EST			0	0	0	0	Hail(0.75)
Hamilton County									
8 NW Noblesville	13	1742EST			0	0	0	0	Thunderstorm Wind (G52) A wind gust to 60 mph was reported, along with tree limb damage near State Road 28.
Madison County									
Lapel	13	1800EST			0	0	0	0	Thunderstorm Wind (G50) Trees were blown down in Lapel.
Vermillion County									
4 N Perrysville	13	1807EST			0	0	0	0	Thunderstorm Wind (G52) A wind gust to 60 mph was reported.

Storm Data and Unusual Weather Phenomena

May 2005

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									
Fountain County									
Covington	13	1810EST			0	0	10K	0	Thunderstorm Wind (G52)
An estimated wind gust to 60 mph blew part of a barn roof off. Damage amounts are estimated.									
Warren County									
Williamsport	13	1815EST 1816EST			0	0	0	0	Hail(0.75)
Warren County									
Williamsport	13	1900EST 1901EST			0	0	0	0	Hail(0.75)
Montgomery County									
Linden	13	1907EST			0	0	0	0	Thunderstorm Wind (G52)
An estimated wind gust to 60 mph was reported.									
Tippecanoe County									
Romney	13	1910EST			0	0	0	0	Thunderstorm Wind (G50)
A tree was blown down near Romney.									
Carroll County									
2 E Delphi	13	1915EST			0	0	0	0	Thunderstorm Wind (G50)
Trees were blown down near Delphi.									
Tippecanoe County									
Romney	13	1915EST			0	0	0	0	Thunderstorm Wind (G50)
Trees were blown down near State Road 28 at Romney.									
Clinton County									
Frankfort	13	1928EST			0	0	0	0	Hail(0.75)
Vigo County									
Terre Haute	13	1950EST			0	0	0	0	Thunderstorm Wind (G50)
Trees were blown down.									
Clay County									
2 W Brazil	13	2000EST			0	0	0	0	Thunderstorm Wind (G50)
Trees were blown down near Cottage Hill.									
Severe thunderstorms moved through central Indiana during the afternoon and evening of 13 May 2005. The most serious severe weather came in the form of wind damage, with one person being injured when tree debris fell on their vehicle in Parke County. Some severe hail, mostly marginal, was reported as well.									
Tippecanoe County									
Lafayette	13	1800EST			0	0	0	0	Lightning
Two young girls, ages 15 and 11, were struck by lightning while running toward their home to take shelter from an approaching thunderstorm. The two suffered no apparent injuries, and were treated and released at a local hospital.									
Boone County									
Zionsville	19	0715EST			0	0	175K	0	Lightning
Lightning struck a home in the Fox Hollow Subdivision of Zionsville, Indiana. Significant damage was caused by the ensuing fire.									
Boone County									
Zionsville	19	0745EST			0	0	25K	0	Lightning
Lightning struck a home in the Willow Ridge Subdivision of Zionsville, Indiana on the morning of 19 May 2005. The homeowner reported that they not only heard, but felt the strike. The homeowner was not injured. The strike caused a small fire in the basement and floor joists.									
Boone County									
Zionsville	19	0800EST			0	0	85K	0	Lightning
Lightning struck a home in the Brittany Chase Subdivision of Zionsville, Indiana. The strike sparked a small fire in the attic, which was contained by local firefighters, but not before causing significant damage to the home.									
Hamilton County									
Fishers	19	0813EST			0	0	15K	0	Lightning
Lightning struck a home in Fishers, Indiana on the morning of 19 May 2005. The home was struck at the peak of the roof, blowing a small hole in the wood and displacing some shingles. There was also electrical damage to the home's alarm system and to at least one television set. The home's telephones were possibly damaged, as well. The damage amount is estimated.									

Storm Data and Unusual Weather Phenomena

May 2005

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
INDIANA, Central									
Lightning from early morning thunderstorms on 19 May 2005 caused house fires just north and northwest of Indianapolis.									
Brown County									
Spearsville	19	1030EST 1630EST			0	0	0	0	Heavy Rain
Six inches of rain fell in six hours in Spearsville.									
Jackson County									
Crothersville	19	1245EST 1845EST			0	0	0	0	Heavy Rain
5.60 inches of rain was reported by the Crothersville LARC.									
Putnam County									
Greencastle	19	1350EST 1351EST			0	0	0	0	Hail(0.88)
Putnam County									
Greencastle	19	1400EST			0	0	0	0	Thunderstorm Wind (G50)
Several trees were downed in Greencastle.									
Morgan County									
8 SW Mooresville	19	1430EST 1431EST			0	0	0	0	Hail(1.00)
Greene County									
2 SE Worthington	19	1445EST			0	0	0	0	Thunderstorm Wind (G50)
A downed tree blocked a highway near Worthington.									
Morgan County									
3 N Martinsville	19	1455EST 1456EST			0	0	0	0	Hail(0.88)
Morgan County									
Martinsville	19	1500EST 1700EST			0	0	0	0	Flash Flood
Sater Ditch in Martinsville flooded, spilling onto roadways in Martinsville and threatening three homes, one of which had to be sandbagged.									
Johnson County									
6 NW Franklin	19	1508EST 1509EST			0	0	0	0	Hail(1.00)
Morgan County									
4 N Martinsville	19	1508EST			0	0	0	0	Thunderstorm Wind (G52)
A wind gust to 60 mph knocked down trees near Martinsville.									
Brown County									
8 NW Nashville	19	1530EST			0	0	0	0	Thunderstorm Wind (G50)
Trees were blown down.									
Owen County									
1 S Spencer	19	1550EST			0	0	0	0	Thunderstorm Wind (G50)
Trees were blown down near Spencer.									
Monroe County									
Ellettsville	19	1555EST 1625EST			0	0	0	0	Heavy Rain
Nearly an inch of rain fell in 30 minutes in Ellettsville.									
Bartholomew County									
2 W Columbus	19	1600EST 1601EST			0	0	0	0	Hail(0.75)
Bartholomew County									
Columbus	19	1600EST			0	0	0	0	Thunderstorm Wind (G50)
Several trees were blown down throughout Columbus. One fell on a parked car, and another fell on a church. No damage estimates were available.									
Bartholomew County									
Columbus	19	1600EST			0	0	0	0	Thunderstorm Wind (G50)
A 12-inch diameter tree was blown down.									

Storm Data and Unusual Weather Phenomena

May 2005

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									
Brown County Countywide	19	1600EST 2000EST			0	0	0	0	Flash Flood
									Very heavy rain on 19 May 2005 caused significant flooding of roadways in Brown County. County officials reported that 10-15 bridges were affected by high water, including three that were washed away, along with 160 miles of roads in the county. Several rescues were required. County schools were closed the following day due to the condition of the roads.
Brown County 1.5 S Spearsville	19	1600EST 1700EST			0	0	0	0	Heavy Rain
									Over three inches of rain fell in one hour near Spearsville.
Monroe County 10 N Bloomington	19	1600EST			0	0	0	0	Thunderstorm Wind (G50)
									Several trees were blown down.
INZ064 Bartholomew	19	1610EST 1710EST			0	0	0	0	Flood
									High water made several county roads impassable, stranding at least one motorist. Waters quickly receded.
Brown County 6 N Nashville	19	1615EST			0	0	0	0	Thunderstorm Wind (G50)
									Several trees were blown down.
Decatur County Westport	19	1615EST			0	0	0	0	Thunderstorm Wind (G50)
									Several 14-inch diameter trees were uprooted by thunderstorm winds.
Monroe County 5 S Bloomington	19	1700EST			0	0	0	0	Thunderstorm Wind (G50)
									Trees were downed near Bloomington.
Monroe County South Portion	19	1710EST 1810EST			0	0	0	0	Flash Flood
									Roads were flooded by heavy rain in southern Monroe County on 19 May 2005. Some motorists were reportedly stranded.
Jackson County 4 NW Seymour	19	1735EST			0	0	0	0	Thunderstorm Wind (G50)
									Trees were downed near Seymour.
Lawrence County Bedford	19	1814EST 1815EST			0	0	0	0	Hail(0.75)
Warren County Pine Vlg	19	1920EST			0	0	0	0	Thunderstorm Wind (G52)
									A wind gust to 60 mph was reported in Pine Village.
Warren County Pine Vlg	19	1935EST			0	0	0	0	Thunderstorm Wind (G50)
									Six-inch diameter tree limbs were broken in Pine Village.
Warren County Pine Vlg	19	1938EST 1939EST			0	0	0	0	Hail(1.75)
Fountain County 5 NE Attica	19	1945EST			0	0	0	0	Thunderstorm Wind (G50)
									Several trees were blown down.
Montgomery County 1 S Linden	19	2012EST 2013EST			0	0	0	0	Hail(1.50)
Tippecanoe County 5 W Lafayette	19	2013EST			0	0	0	0	Thunderstorm Wind (G50)
									Large limbs and small trees were blown down near Lafayette.

Storm Data and Unusual Weather Phenomena

May 2005

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					Killed	Injured	Property	Crops	

INDIANA, Central

Fountain County

Hillsboro 19 2025EST
2026EST 0 0 0 0 **Hail(0.75)**

Montgomery County

2 SW Crawfordsville 19 2038EST
2039EST 0 0 0 0 **Hail(0.75)**

Putnam County

Greencastle 19 2115EST
A few trees were downed. 0 0 0 0 **Thunderstorm Wind (G50)**

Parke County

6 ESE Rockville 19 2130EST
Several trees were downed. 0 0 0 0 **Thunderstorm Wind (G50)**

Owen County

Cataract 19 2145EST
Trees were downed near Cataract. 0 0 0 0 **Thunderstorm Wind (G50)**

Morgan County

2 W Martinsville 19 2155EST
2156EST 0 0 0 0 **Hail(1.00)**

Several areas of severe thunderstorms, producing high winds, large hail, and extremely heavy rain, moved through central Indiana on 19 May 2005. Serious flooding occurred in some areas due to the extremely heavy rain.

INZ064

Bartholomew

23 1400EST
1600EST 0 1 50K 0 **Dust Storm**

Gusty winds caused dirt and sand from a nearby farm field to reduce visibilities to near zero on a county road south of Edinburgh, Indiana in Bartholomew County, causing two automobile accidents. The conditions made the investigation and cleanup difficult for emergency responders, who closed the road due to safety concerns. Wind gusts to 40 mph were observed at stations around central Indiana that afternoon. Two vehicles sideswiped each other in the first crash, causing one car to go off the road and a pickup truck to flip. The truck's driver was treated and released at a local hospital. The second crash occurred when another driver stopped for the first wreck and was rear-ended. One driver, who was not involved in the accidents, told the Indianapolis Star newspaper, "I couldn't even tell if I was on the road." Damage amounts are estimated.

INDIANA, Northeast

Jay County

New Corydon 11 1418EST 0 0 0 0 **Hail(1.00)**

Grant County

5 N Marion 11 1445EST 0 0 0 0 **Hail(1.00)**

Grant County

3 N Van Buren 11 1455EST 0 0 0 0 **Hail(0.75)**

Huntington County

2 NW Warren 11 1505EST 0 0 0 0 **Hail(1.00)**

Huntington County

4 N Warren 11 1512EST 0 0 0 0 **Hail(1.00)**

Huntington County

Warren 11 1515EST 0 0 0 0 **Hail(1.00)**

Grant County

4 ESE Fairmount 11 1517EST 0 0 0 0 **Hail(1.75)**

Wells County

4 N Bluffton 11 1530EST 0 0 0 0 **Hail(0.88)**

Blackford County

9 NNE Hartford City 11 1540EST 0 0 0 0 **Hail(1.75)**

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>INDIANA, Northeast</u>									
Blackford County									
1 S Shamrock Lakes	11	1545EST			0	0	0	0	Hail(1.00)
Jay County									
1 S Redkey	11	1610EST			0	0	0	0	Hail(1.00)
Grant County									
1 W Fairmount	11	1749EST			0	0	0	0	Hail(1.75)
Grant County									
Fowlerton	11	1803EST			0	0	0	0	Hail(0.75)
Blackford County									
2 N Shamrock Lakes	11	1812EST			0	0	0	0	Hail(0.75)
White County									
2 N Wolcott	13	1330EST			0	0	25K		Thunderstorm Wind (G60)
									12 large trees uprooted. Large branches fell onto house, causing damage. New 2 car garage, with garage doors open, was destroyed. A machine shed with its doors open and a storage shed were both destroyed.
Marshall County									
Argos	13	1456EST			0	0			Thunderstorm Wind (G50)
									Tree blown over.
Marshall County									
Bremen	13	1456EST			0	0			Thunderstorm Wind (G50)
									Tree blown over.
Blackford County									
4 S Hartford City	13	1523EST			0	0			Thunderstorm Wind (G56)
Blackford County									
Hartford City	13	1530EST 1535EST			0	0			Hail(1.00)
									Hail was reported ranging from nickel to the size of quarters.
Blackford County									
1 W Hartford City	13	1535EST			0	0			Hail(1.75)
Wells County									
Uniondale	13	1554EST			0	0	10K		Thunderstorm Wind (G55)
									Numerous trees and power lines down in and around Uniondale and Markle.
Adams County									
3 SE Decatur	13	1607EST			0	0			Hail(0.75)
Cass County									
Logansport	13	1702EST			0	0			Hail(0.75)
Miami County									
Mexico	13	1725EST			0	0			Thunderstorm Wind (G55)
									Several 9 to 10 inch diameter branches blown down.
Cass County									
New Waverly	13	1735EST			0	0			Thunderstorm Wind (G50)
									Several trees down in New Waverly and Hoover
Miami County									
2 N Peru	13	1735EST			0	0			Thunderstorm Wind (G55)
									Numerous trees and power lines down.
Cass County									
Logansport	13	1745EST			0	0			Hail(1.00)
									Several reports of penny to quarter size hail around Logansport.
Kosciusko County									
10 S Winona Lake	13	1750EST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>INDIANA, Northeast</u>									
Wabash County North Manchester	13	1755EST			0	0			Hail(0.88)
Wabash County La Fontaine	13	1800EST			0	0			Thunderstorm Wind (G55) Numerous large tree branches down.
Kosciusko County 8 NE Warsaw	13	1930EST			0	0			Heavy Rain 2.45 inches of rain reported between 630 and 730 pm EST. Ponding of water noted on roads in the area.
Kosciusko County 4 E Leesburg	13	1938EST			0	0			Heavy Rain 2.05 inches of rain reported in 1 hour.
<u>INDIANA, Northwest</u>									
Lake County Crown Pt	11	0645CST			0	0			Lightning Lightning struck a business in Crown Point and ignited a fire on the roof and in the attic.
Benton County Earl Park	19	1906EST 1908EST			0	0			Hail(0.88)
Benton County Earl Park to Freeland Park	19	1906EST			0	0			Thunderstorm Wind (G50) Several road signs were blown down.
Benton County Freeland Park	19	1908EST 1912EST			0	0			Hail(1.50) Half dollar size hail fell near State Road 18 and 71.
Benton County Boswell	19	1915EST 1920EST			0	0			Thunderstorm Wind (G61) Several trees were uprooted and numerous tree limbs were blown down. One barn and one house trailer were leveled. A parked tractor trailer was blown over. Several barns suffered roof damage.
Benton County Boswell	19	1918EST 1922EST			0	0			Hail(1.00)
<u>INDIANA, South Central</u>									
Floyd County New Albany	19	2023EST 2200EST			0	0			Flash Flood Three to four feet of water covered Ebersol Street.
Clark County South Portion to Clarksville	19	2024EST 2200EST			0	0			Flash Flood Numerous roads were closed due to high water in Clarksville and Jeffersonville. A person was trapped in a vehicle on Nole Drive in Jeffersonville.
Dubois County Huntingburg	19	2329EST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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, Southeast

Ripley County

Sunman	13	1510EST 1513EST			0	0	3K		Thunderstorm Wind (G50)
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Trees were downed.

Union County

Liberty	13	1530EST 1534EST			0	0	3K		Thunderstorm Wind (G50)
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A few trees were knocked down.

Ripley County

Osgood	19	1657EST 1700EST			0	0	3K		Thunderstorm Wind (G50)
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Trees were downed west of US Route 50 and east of Fairground Road.

INDIANA, Southwest

INZ081>082-085>088

Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer

04		0300CST 0500CST			0	0			Frost/Freeze
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An unusually late season frost occurred. Low temperatures were in the middle 30's, including 34 degrees at the Evansville airport. This was the last of four consecutive frosty mornings. Lows each morning from May 1st to the 4th were about the same, mostly in the middle 30's. The cold weather, combined with below normal rainfall, slowed the development of some early-planted corn and soybeans.

Warrick County

Boonville	13	1350CST			0	0			Hail(0.75)
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Hail fell for less than one minute.

Vanderburgh County

Evansville	19	1338CST 1343CST			0	0	1K		Thunderstorm Wind (G50)
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Traffic wires were blown down, taking down traffic lights with them at a busy intersection in the city. The peak wind gust measured at the Evansville Airport was 52 MPH.

Gibson County

.5 W Princeton	19	1530CST			0	0			Hail(0.88)
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Nickel-size hail was reported on the west side of Princeton.

Gibson County

Princeton	19	1840CST			0	0			Hail(0.75)
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Gibson County

Johnson to Owensville	19	2117CST			0	0			Hail(1.00)
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Quarter-size hail was reported at Johnson, and dime-size hail was reported at Owensville.

Warrick County

2 W Boonville	19	2218CST			0	0			Hail(0.75)
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Pike County

2 W Petersburg	19	2254CST			0	0			Thunderstorm Wind (G50)
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A few trees were blown down, including one across Highway 56 west of Petersburg.

Warrick County

Folsomville to Jockey	19	2325CST			0	0			Thunderstorm Wind (G52)
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Numerous trees were blown down along a 3-mile stretch of road between Jockey and Folsomville. Isolated severe thunderstorms during the afternoon and evening produced mainly large hail, up to the size of quarters. The final round of severe thunderstorms, which occurred later in the night, produced mostly strong wind gusts, especially in Pike and Warrick Counties.

Spencer County

3 NNW Chrisney	20	0015CST 0115CST			0	0			Heavy Rain
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Three to four inches of water was over Highway 62 in a few places.

Storm Data and Unusual Weather Phenomena

May 2005

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

INDIANA, Southwest

Warrick County

Chandler to
Boonville

20

0015CST
0115CST

0

0

Heavy Rain

Two inches of water was over Highway 62 in a few places. Some minor urban flooding was reported in Boonville.

IOWA, Central

Carroll County

4 S Arcadia

06

1916CST

0

0

1K

Hail(0.88)

Calhoun County

3 E Jolley

06

2025CST

0

0

5K

Hail(1.25)

Calhoun County

1 S Jolley

06

2026CST

0

0

2K

Hail(1.00)

Humboldt County

Humboldt

06

2130CST

0

0

1K

Hail(0.88)

Calhoun County

3 SW Manson

06

2137CST

0

0

1K

Hail(0.88)

Calhoun County

Manson

06

2140CST

0

0

5K

Hail(1.00)

Humboldt County

Humboldt

06

2140CST

0

0

Hail(0.75)

Humboldt County

Hardy

06

2145CST

0

0

Hail(0.75)

Humboldt County

Humboldt

06

2150CST

0

0

3K

Hail(0.88)

Calhoun County

Manson

06

2200CST

0

0

10K

Hail(1.25)

Webster County

Lehigh

06

2240CST

0

0

5K

Hail(1.00)

Webster County

Lehigh

06

2255CST

0

0

25K

Hail(1.75)

Emmet County

Estherville

06

2330CST

0

0

2K

Hail(0.88)

Webster County

1 S Gowrie

07

0306CST

0

0

Hail(0.88)

Emmet County

Estherville

07

0330CST
0500CST

0

0

25K

Flash Flood

A spring type weather pattern returned to Iowa during the day on the 6th. A nearly stationary front extended from South Dakota, southeast to near Fort Dodge, then east to near Waterloo. South of the front the air was warm and quite unstable with temperatures in the upper 70s during the afternoon and dew points in the upper 50s to low 60s. North of the front, temperatures were in the mid 70s however dew point temperatures were in the 30s to mid 40s. By early evening the sounding from Omaha indicated a lifted index of -6 with a CAPE of 1500 to 2000 J/kg. The freezing level was relatively low, around 12,000 feet. As the sun set the low level jet strengthened. By the late evening hours the jet was in the 40 to 50 kt range across the front. Thunderstorms erupted along the frontal boundary during the evening and became severe quite quickly. The mode of severe weather was in the form of hail. Some cell splitting took place with several left movers noted. Most of the hail was in the three quarter inch to one inch in diameter range. A few reports of one and one quarter inch hail were received. The largest hail was in Webster County with golf ball size hail falling on the town of Lehigh. Of note was the amount of hail reported with one of the storms as it moved through Calhoun County. Hail accumulated to a depth of two inches south of Jolley. The storms became heavy rain producers as the night wore on. Emmet County was hard hit with 3 to 5 inches of rain falling in the Estherville area. The heaviest official rain total was at the river gage in Estherville with 5.39 inches. The observer from Estherville reported 4.77 inches at the Emergency Managers office. Roads were flooded in and around Estherville and a campground required evacuation at the fairgrounds there.

Storm Data and Unusual Weather Phenomena

May 2005

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, Central

IAZ004>005-015 Emmet - Kossuth - Palo Alto

07	0645CST				0	0	30K		Flood
09	1200CST								

The first several days of May were dry, however very heavy rains affected a small area of northwest and north central Iowa on the night of the 6th. At Estherville 4.71 inches of rain was reported unofficially between 6 and 9 pm, with a storm total of 5.39 inches. The heavy rainfall caused some minor flooding across the area, however damage was limited to agricultural lands for the most part.

Sac County

2 NNE Wall Lake Muni	08	1445CST			0	0	1K		Hail(0.88)
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Crawford County

Charter Oak	08	1506CST			0	0	5K		Hail(1.00)
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Pocahontas County

2 SE Palmer	08	1520CST			0	0	1K		Hail(0.88)
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IAZ035>036-047>048-061 Webster - Hamilton - Boone - Story - Jasper

08	1530CST				0	0	105K		High Wind (G57)
	1700CST								

Palo Alto County

Mallard	08	1533CST			0	0	5K		Hail(1.00)
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Crawford County

Vail	08	1539CST			0	0			Hail(0.75)
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Carroll County

4 W Breda	08	1542CST			0	0	2K		Thunderstorm Wind (G61)
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Palo Alto County

Mallard	08	1551CST			0	0	5K		Thunderstorm Wind (G63)
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Palo Alto County

4 S Emmetsburg	08	1553CST			0	0	2K		Hail(1.00)
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Emmet County

Ringsted	08	1615CST			0	0			Hail(0.75)
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Emmet County

Ringsted	08	1619CST			0	0	25K		Hail(2.00)
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Emmet County

Ringsted	08	1624CST			0	0	1K		Hail(0.88)
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Kossuth County

12 SE Whittemore	08	1633CST			0	0			Hail(0.75)
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Pocahontas County

Countywide	08	1634CST			0	0	25K		Flash Flood
		2030CST							

Kossuth County

Lakota	08	1640CST			0	0	3K		Hail(1.00)
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Kossuth County

Lakota	08	1643CST			0	0	1K		Hail(0.88)
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Humboldt County

Bradgate	08	1646CST			0	0	1K		Hail(0.88)
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Kossuth County

Algona	08	1700CST			0	0	25K		Flash Flood
		2046CST							

Hancock County

Kanawha	08	1730CST			0	0	1K		Thunderstorm Wind (G50)
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A complicated weather situation was found during the afternoon of the 8th. A large upper level low pressure system was positioned over the western U.S. with a broad south to southwest flow of air over the middle of the nation. Surface low pressure moved across South Dakota during the afternoon. A dry line extended south from the low and tracked across Nebraska. At the same time, a vorticity maximum lifted northeast from Oklahoma into Iowa during the late afternoon hours. Convergence and lift were both

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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

enhanced by these features. The airmass became quite unstable during the afternoon, especially over the west half of Iowa. Surface temperatures warmed into the low to mid 80s as dew point readings reached the low 60s. By mid afternoon, the lifted index fell to around -9 C with no cap in place and 2000 to 3000 J/kg of CAPE. The freezing level was relatively low, being just below 12,000 feet at the beginning of the event. Cold air advection took place aloft, lowering the freezing level to 11,000 by late afternoon. Three areas of thunderstorms developed. The dry line kicked off a line of severe thunderstorms to the west of Iowa. These storms did not directly affect Iowa, however they did enhance convergence in the flow. A second area formed over western Iowa as the airmass became very unstable. Thunderstorms erupted by mid afternoon. Many of them produced hail of three quarters of an inch to an inch in diameter. Hail covered the ground in a few locations. In Emmet County, the town of Ringsted received hail of 2 inches in diameter. There were some reports of gusty winds with the storms, however winds of severe strength were limited. Seventy MPH winds were reported west of Breda in Carroll County. In Palo Alto County, a 73 MPH wind gust was measured in the town of Mallard. These storms formed in a northeast to southwest line and trained over areas of northwest Iowa. This resulted in flash flooding in Pocahontas and parts of Kossuth Counties. Two to two and one half inches of rain fell in about an hour in these areas. These were the same areas that received heavy rainfall just 48 hours prior. Water overtopped roads countywide in Pocahontas County. Flooding was less severe in Kossuth County, however the flooding took place in and around the town of Algona. The short wave lifting north from Oklahoma produced convection. Though the convection was not severe, it did aid in the production of a high wind event. The storms moved into Iowa and collapsed, producing an outflow that expanded north across the central counties. Winds of 35 to 40 MPH, with gusts to over 60 MPH pushed north across several counties in the central sections of the state. The winds caused considerable blowing dust in these areas and there were numerous reports of trees being blown down. In Story County, two to three foot diameter trees were toppled. One of them fell onto a house in Huxley, causing considerable damage to the house.

Audubon County									
3 W Gray	10	1826CST			0	0	2K		Hail(1.00)
Audubon County									
2 SW Brayton	10	1830CST			0	0			Hail(0.88)
Audubon County									
2 SW Brayton	10	1832CST			0	0	2K		Hail(1.00)
Audubon County									
2 SW Audubon	10	1833CST			0	0	2K		Hail(1.00)
Audubon County									
3 SW Audubon	10	1839CST			0	0	10K		Hail(2.00)
Audubon County									
2 W Gray	10	1854CST			0	0			Hail(0.75)
Carroll County									
3 S Manning	10	1856CST			0	0	2K		Hail(0.88)
Audubon County									
1 NE Kimballton to 2 ENE Kimballton	10	1858CST 1905CST	2	40	0	0	2K		Tornado (F0)
									Tornado tracked through open fields.
Audubon County									
8 NE Audubon	10	1912CST			0	0	2K		Hail(1.00)
Audubon County									
1 N Kimballton to 2.5 NE Kimballton	10	1913CST 1917CST	2	40	0	0	2K		Tornado (F0)
									Tornado tracked through open fields.
Audubon County									
2 SSE Audubon to 3 ESE Audubon	10	1920CST 1926CST	2.5	40	0	0	2K		Tornado (F0)
									Tornado tracked through open fields.
Audubon County									
Audubon	10	1938CST			0	0	5K		Hail(1.00)
Crawford County									
6 ENE Manilla	10	2005CST			0	0			Hail(0.75)
Guthrie County									
3 W Guthrie Center	10	2005CST			0	0	10K		Hail(1.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Central</u>									
Carroll County Manning	10	2010CST			0	0	25K		Hail(1.75)
Guthrie County 8 W Guthrie Center	10	2010CST			0	0			Hail(0.75)
Guthrie County 3 WSW Guthrie Center	10	2010CST			0	0	3K		Hail(1.00)
Audubon County 9 SW Audubon	10	2023CST			0	0			Hail(0.75)
Guthrie County 3 WSW Guthrie Center	10	2024CST			0	0	1K		Hail(0.88)
Audubon County 3 E Exira	10	2032CST			0	0	2K		Hail(1.00)
Guthrie County 6 SSE Guthrie Center	10	2047CST			0	0	5K		Hail(1.75)
Guthrie County 3 SE Panora	10	2050CST			0	0			Hail(0.75)
Guthrie County 3 NE Stuart	10	2107CST 2122CST			0	0	10K		Hail(1.75)
Cass County 1 N Atlantic Arpt	10	2109CST			0	0			Hail(0.75)
Dallas County Dexter	10	2113CST			0	0			Hail(0.75)
Dallas County 2 E Dexter	10	2124CST			0	0			Hail(0.75)
Winnebago County 2 NW Forest City	10	2132CST			0	0			Hail(0.75)
Winnebago County Forest City	10	2138CST			0	0	5K		Hail(1.00)
Winnebago County Forest City	10	2140CST			0	0	2K		Hail(0.88)
Winnebago County 3 NNE Forest City Arpt	10	2143CST			0	0	2K		Hail(0.88)
Dallas County 6 E Dexter	10	2146CST			0	0			Hail(0.75)
Dallas County De Soto	10	2152CST			0	0	5K		Hail(1.00)
Dallas County 5 W De Soto	10	2153CST			0	0	2K		Hail(0.88)
Worth County 3 W Fertile	10	2155CST			0	0	3K		Hail(1.00)
Audubon County Kimballton	10	2200CST			0	0	10K		Hail(1.50)
Dallas County 8 E Dexter	10	2202CST			0	0			Hail(0.75)
Dallas County 3 W De Soto	10	2203CST			0	0	10K		Hail(1.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>IOWA, Central</u>									
Madison County									
5 S Earlham	10	2208CST			0	0	2K		Hail(0.88)
Audubon County									
Brayton	10	2210CST			0	0	2K		Hail(0.88)
Madison County									
7 N Winterset	10	2225CST			0	0	2K		Hail(0.88)
Cerro Gordo County									
1 N Mason City	10	2228CST			0	0	3K		Hail(1.00)
Dallas County									
Redfield	10	2230CST			0	0	5K		Hail(1.00)
Winnebago County									
5 SSW Thompson	10	2230CST			0	0			Hail(0.75)
Dallas County									
2 S De Soto	10	2231CST			0	0	3K		Hail(1.00)
Polk County									
4 NW Des Moines	10	2258CST			0	0	2K		Hail(0.88)
Polk County									
2 N Des Moines	10	2301CST			0	0			Hail(0.75)
Audubon County									
Audubon	10	2302CST			0	0	2K		Hail(0.88)
Polk County									
2 N Des Moines	10	2304CST			0	0	5K		Hail(1.00)
Warren County									
Bevington	10	2305CST			0	0			Hail(0.75)
Cass County									
4 ESE Atlantic Arpt	10	2311CST			0	0	3K		Hail(1.00)
Audubon County									
Audubon	10	2315CST			0	0	3K		Hail(1.00)
Warren County									
1 SW St Marys	10	2323CST			0	0			Hail(0.75)
Jasper County									
Newton	10	2355CST			0	0	3K		Hail(0.88)
Marion County									
Harvey	11	0000CST			0	0	2K		Thunderstorm Wind (G52)
Poweshiek County									
Grinnell	11	0030CST			0	0	10K		Thunderstorm Wind (G54)
Hamilton County									
Webster City	11	0200CST			0	0	50K		Lightning

A volatile situation took shape during the afternoon of the 10th. A unseasonably deep upper low had formed aloft over the southwest U.S., while at the same time a cold front dropped south across the state during the day. Behind the cold front was a strong polar high pressure area. The southwest flow aloft impinged on the frontal boundary, setting the stage for very strong thunderstorm development. Temperatures reached the low 90s over far southwest Iowa, with mid 80s over the central sections. Dew points reached the mid 60s to the south of the front by late afternoon. North of the front, temperatures were in the 50s during the afternoon. The very unstable air was lifted north over the frontal boundary with explosive development during the early evening as the low level jet began to strengthen. The airmass to the south was very unstable with lifted indices of -11 C., CAPE values of 3500 J/kg, and a freezing level of only 13,300 feet. Hail was very widespread with the event. During the initial convection, a super-cell moved into southwest Iowa. This storm dropped three small tornadoes in Audubon County. All of the tornadoes were relatively short lived and caused little damage as they were in open areas. The main weather feature was the hail. There were numerous reports of nickel to quarter size hail with the storms. The largest hail occurred with the super cell in Audubon County, with tennis ball size hail falling southwest of Audubon. In several reports of hail of ping pong to golf ball size were received from Carroll and Guthrie Counties. As

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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 evening progressed, a secondary line of storms formed to the north of the developing MCS. These formed in an east to west line across northern Iowa, producing a round of hail there. Late in the storm life cycle, a few of the storms began to produce strong winds. As one of the storms moved through the Des Moines area, winds of 57 MPH were measured. Some minor damage occurred to a fast food sign. Sixty MPH winds were reported in Marion County, while 60 to 65 MPH winds blew down power line poles in Poweshiek County. Late in the event, as the storms moved through Hamilton County, lightning struck a storage and repair shop building in Webster City. The building was set ablaze and was a total loss.

IAZ025>028-036>039-048>049

Wright - Franklin - Butler - Bremer - Hamilton - Hardin - Grundy - Black Hawk - Story - Marshall

12	0930CST 1130CST				0	0	100K		High Wind (G62)
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An area of thunderstorms moved across the state. The storms were elevated in nature and well north of the frontal boundary. A strong high pressure area was poised to the north in Canada, creating a moderate easterly flow across the state. As the precipitation ended a wake low formed behind the convection. High winds resulted over several counties. The strongest winds was recorded from an RWIS site southwest of Marshalltown in Marshall County. Winds gusted to 72 MPH. There were scattered reports of damage, mostly by toppled trees. A few reports of damage to out buildings and carports were also received

IAZ004>006-015>016-023>025-033>036-044>047-057>061-071>075-083>086-096>097

Emmet - Kossuth - Winnebago - Palo Alto - Hancock - Pocahontas - Humboldt - Wright - Sac - Calhoun - Webster - Hamilton - Crawford - Carroll - Greene - Boone - Audubon - Guthrie - Dallas - Polk - Jasper - Adair - Madison - Warren - Marion - Mahaska - Clarke - Lucas - Monroe - Wapello - Appanoose - Davis

13 17	0200CST 1200CST				0	0	960K		Flood
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Another round of heavy rainfall occurred during the middle part of the month. The month's most widespread rainfall occurred from late on the 10th until early on the 13th when an average of 2.42 inches of rain fell across the state. Nearly all of Iowa recorded at least an inch of rain during this 60 hour period with Adair reporting the most with 6.70 inches. Rain fell frequently during the last half of the month but amounts were on the light side with a state average of only 0.84 inches after the 14th. As was the case in April, precipitation was generally well below normal in eastern Iowa and near to above normal elsewhere. Preliminary monthly totals vary from 1.45 inches at Washington, their driest May since 1992, to 8.50 inches at Estherville, their highest May total since 1965. Streamflow was elevated throughout the month of May across nearly all of Iowa. Heavy rain occurring in the middle of May brought numerous rivers across the Des Moines HAS to bankfull levels and some places would experience flooding. Flooding was by far the worst across northern Iowa, where inflow into the upper Des Moines basin would bring significant flooding to the areas near Estherville and Algona and points immediately downstream. Elevated river conditions would then persist through the end of the month. The flooding did cause some damage around the state, however most of the flooding was in agricultural lands. The actual amount of property damage was relatively limited.

Polk County

Des Moines Arprt

18	0930CST				0	0			Hail(0.75)
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A frontal boundary advancing east across Nebraska pushed east as a line of thunderstorms developed ahead of the front. A strong low level jet was in place over western Iowa, along with a narrow ribbon of 55 to 60 degree dew points. Thunderstorms advanced across Iowa during the morning and produced brief heavy rain and some pea size hail. One of the cells dropped penny size hail at the Des Moines Airport and was reported by the 132nd Tactical Wing of the Air National Guard.

Calhoun County

**2 N Farnhamville to
2 NNE Farnhamville**

18	1758CST 1803CST	2	100		0	0	50K		Tornado (F1)
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Tornado touched down on a farm north of Farnhamville, damaging several buildings on the farm. The tornado moved from Calhoun County into Webster County.

Webster County

**1 WSW Slifer to
5.7 NE Lehigh**

18	1803CST 1837CST	22.5	50		0	0	40K		Tornado (F1)
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Tornado moved from Calhoun County into Webster County. It moved through mostly open country and have a very intermittent track from Slifer on northeast. Damage occurred to several grain bins, then tornado lifted for some time with another tornado forming over Hamilton County.

Hamilton County

4 N Blairsburg

18	1938CST	0.2	20		0	0	10K		Tornado (F0)
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Tornado occurred north of Blairsburg with only a bried touchdown.

The frontal boundary from Nebraska moved into western Iowa during the evening hours. The airmass was unstable, but not overly so. CAPE values were around 1500 J/kg with Lifted Indices around -2. There was about 45 kts of effective shear in place. A few thunderstorms developed ahead of the boundary with one of the cells becoming severe. The first tornado occurred in Calhoun County at 2358 UTC where the tornado dropped into a farm field between York ave and Zearing Ave south of 320th St. about 2 miles north of Farnhamville. The tornado was an F1 tornado as it crossed the intersection of Zearing and 320th St. IT destroyed

Storm Data and Unusual Weather Phenomena

May 2005

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, Central

dome outbuildings north of the intersection and continued moving northeast toward Slifer in Webster County. The tornado remained on the ground crossing the Calhoun/Webster County line crossing County Road D46 between Zebulon Ave and County Road P29. The tornado destroyed three grain bins and just missed a farm. Debris was tossed over several hundred yards before the tornado weakened and lifted for the first time prior to reaching Slifer. The F1 tornado was on the ground for about 4 miles during this time with F1 strength and a width of 50 to 100 yards. The tornado was reported on the ground very intermittently from this point on with numerous reports southwest of Callender, northeast through the Woodman Hol State preserve and into the Brushy Creek State Reserve. At this point, the tornado lifted. The parent storm continued into Hamilton County. A brief touchdown was reported in Hamilton County north of Blairsburg. No damage was reported and the tornado roped out quickly.

Cerro Gordo County

Mason City	21	1130CST			0	0	5K		Lightning
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Thunderstorms moved through the Mason City area. As the storms moved through, lightning struck a tree. The lightning bolt ruptured a gas line in the area, resulting in a fire and minor damage.

Butler County

2 S Greene	26	1528CST	0.2	25	0	0			Tornado (F0)
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Brief touchdown in open field south of town.

Dallas County

Woodward	26	1555CST			0	0	2K		Thunderstorm Wind (G50)
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Boone County

Boone Muni Arpt	26	1713CST			0	0	3K		Thunderstorm Wind (G50)
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Boone County

Boone	26	1930CST			0	0	5K		Thunderstorm Wind (G52)
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Thunderstorms developed during the mid to late afternoon hours and persisted into the evening. A weak trough of low pressure moved through the state during the afternoon setting off the first line of thunderstorms. A cold front dropping south through South Dakota formed another line of thunderstorms to the northwest. These storms raced southeast into the state at nearly 50 kts. The airmass was fairly unstable as a closed upper level low was settling into the area and the cold pool was in place aloft. Freezing levels were in the 8000 to 8500 foot range. The Lifted Index was around -5 by late afternoon with 800-1000 J/kg of CAPE. The airmass was quite dry in the low levels with soundings showing an inverted "V" type structure in a unidirectional profile. Considerable virga was reported with most of the storms producing 45 to 55 MPH winds as they passed. A few produced small hail, and one produced a tornado that touched down briefly in a rural area of Butler County. Damage was spotty with small limbs being taken down. High winds tore a stop sign out at the base in Dallas County at Woodward. Trees were downed in the city of Boone in Boone County. The storms weakened quite rapidly once sunset occurred.

IOWA, East Central and Southeast

IOWA, Northeast

Winneshiek County

Decorah	26	1759CST			0	0			Hail(0.75)
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Hail the size of pennies was reported by law enforcement officials.

IOWA, Northwest

Cherokee County

7 NW Quimby	06	2135CST			0	0			Hail(0.88)
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Dickinson County

5 E Lake Park	06	2220CST			0	0			Hail(0.88)
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Cherokee County

6 N Cleghorn	06	2229CST			0	0			Hail(0.88)
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Storm Data and Unusual Weather Phenomena

May 2005

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
<u>IOWA, Northwest</u>									
Cherokee County 6 NE Cleghorn	06	2232CST			0	0			Hail(0.75)
O'Brien County 4 SW Paullina	06	2233CST			0	0			Hail(0.75)
Dickinson County 4 W Spirit Lake	07	1750CST			0	0			Hail(0.88)
Buena Vista County 1 NE Marathon	08	1516CST			0	0			Hail(1.00)
Clay County Spencer	08	1521CST			0	0			Hail(0.88)
Clay County Spencer	08	1524CST			0	0			Hail(1.00)
Clay County Spencer	08	1528CST			0	0			Hail(1.00)
Buena Vista County Sioux Rapids	08	1533CST			0	0			Hail(0.88)
Dickinson County 2 S Okoboji	08	1538CST			0	0			Hail(0.75)
Clay County Spencer	08	1540CST			0	0			Hail(0.88)
Sioux County Chatsworth	08	1656CST			0	0			Hail(1.00)
Lyon County Larchwood	08	1725CST			0	0			Hail(1.00)
Lyon County 2 NE Larchwood	08	1730CST			0	0			Hail(1.00)
Sioux County 3 NE Hull	08	1747CST			0	0			Hail(0.75)
Sioux County 5 W Matlock	08	1758CST			0	0			Hail(0.88)
Lyon County 5 S George	08	1800CST			0	0			Hail(1.00)
Plymouth County Le Mars	08	1832CST			0	0			Hail(0.88)
Plymouth County Merrill	08	1841CST			0	0			Hail(0.75)
Plymouth County Le Mars to 4 S Le Mars	08	1934CST 2130CST			0	0			Flash Flood
Heavy rain flooded streets, parking lots, at least one small stream, and other low areas.									
Lyon County 4 N Doon	10	2024CST			0	0			Hail(0.88)
Osceola County Ashton	10	2055CST			0	0			Hail(0.88)
Osceola County Sibley	10	2100CST			0	0			Hail(0.75)
Osceola County Sibley	10	2102CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>IOWA, Northwest</u>									
Dickinson County Spirit Lake	10	2121CST			0	0			Hail(1.00)
Dickinson County 3 W Spirit Lake	10	2128CST			0	0			Hail(0.75)
Dickinson County 9 W Spirit Lake	10	2141CST			0	0			Hail(1.00)
Plymouth County 4 NW Le Mars	10	2249CST			0	0			Hail(1.00)
Plymouth County 4 N Le Mars	10	2302CST			0	0			Thunderstorm Wind (G54)
IAZ003-014-022	Dickinson - Clay - Buena Vista								
	11	0600CST			0	0			Flood
	23	0600CST							
	Runoff from heavy rain caused minor flooding of lowlands along the Little Sioux River. The greatest reported crest was 3.9 feet above flood stage at Spencer.								
IAZ002	Osceola								
	12	0727CST			0	0			High Wind (G50)
	Non thunderstorm winds blew down 3 to 4 inch tree limbs and tore shingles from the roof of a house about 7 miles north of Hartley.								
O'Brien County 5 S Hartley	18	1534CST	0.1	50	0	0			Tornado (F0)
	A brief tornado caused no reported damage.								
Lyon County 4 N Lester	24	1710CST			0	0			Hail(0.75)
IAZ020	Plymouth								
	26	1645CST			0	0			High Wind (G61)
	Non thunderstorm winds caused tree damage at Akron, including several large trees blown down.								
<u>IOWA, Southwest</u>									
Pottawattamie County 2 W Crescent	08	1435CST			0	0			Hail(0.75)
Shelby County 2 W Earling	08	1515CST			0	0			Hail(0.75)
Shelby County 3 N Earling	08	1535CST			0	0			Hail(0.75)
Pottawattamie County 3 E Crescent to 4 ENE Crescent	08	1540CST 1544CST			0	0			Hail(1.50)
	Hail up to half dollar size in diameter was reported east northeast of Crescent.								
Harrison County 2 ENE Modale	08	1810CST			0	0			Hail(0.88)
Harrison County 1 NE Missouri Vly	08	1858CST			0	0			Hail(0.88)
Shelby County 2 E Irwin	10	1802CST			0	0			Hail(0.75)
Shelby County Defiance	10	1815CST			0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>IOWA, Southwest</u>									
Shelby County									
2 E Irwin	10	1830CST 1844CST			0	0			Hail(1.25)
Shelby County									
1 W Elk Horn	10	2035CST			0	0			Hail(0.75)
Pottawattamie County									
Avoca	10	2110CST			0	0			Hail(1.00)
Harrison County									
1 WSW Missouri Vly	10	2220CST			0	0			Hail(1.00)
Harrison County									
2 W Mondamin	11	0200CST			0	0			Thunderstorm Wind (G50) Thunderstorm wind gusts estimated at 60 mph caused some tree damage near Mondamin.
Page County									
3 NE Hepburn	12	1729CST 1900CST			0	0			Flash Flood Heavy rain caused flash flooding along Highway 71 near the Page and Montgomery county line which washed a car off the highway. Rain amounts were around 2 to 3 inches this evening.
IAZ090									
Fremont									
	13	0145CST			0	0			Flood
	14	0815CST							
Rainfall of several inches on May 11 and May 12 caused the Nishnabotna River to go above flood stage near Hamburg. The river reached 25.2 feet at Hamburg around 530 pm on 05/13/05, flood stage is 23 feet. A levee near town protected the area from any significant flooding at this level.									
Harrison County									
2 S Little Sioux	18	0110CST			0	0			Hail(0.88)
Monona County									
Whiting	26 27	1725CST 1725CST			0	0			Thunderstorm Wind (G50) Thunderstorm wind gusts estimated at 60 mph took the roof off of a mobile home near Whiting.
<u>KANSAS, East</u>									
Republic County									
Norway	08	1351CST			0	0			Hail(1.00)
Republic County									
5 SSW Belleville	08	1410CST			0	0			Hail(1.00)
Washington County									
2 NW Linn	08	1416CST			0	0			Hail(1.00)
Washington County									
3 NE Linn	08	1421CST			0	0			Hail(1.00)
Washington County									
3 NE Linn	08	1421CST			0	0			Thunderstorm Wind (G52)
Cloud County									
1 W Clyde	08	1425CST			0	0			Hail(1.00)
Cloud County									
6 N Glasco	08	1428CST			0	0			Hail(1.00)
Cloud County									
Concordia	08	1452CST			0	0			Hail(0.88)
Cloud County									
1 W Clyde	08	1528CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, East</u>									
Cloud County									
1 N Clyde	08	1536CST			0	0			Hail(0.88)
Clay County									
7 S Clay Center	08	1639CST			0	0			Hail(0.88)
Clay County									
Clay Center	08	1720CST			0	0			Hail(0.88)
Clay County									
4 N Green	08	1744CST			0	0			Hail(1.00)
Marshall County									
8 S Waterville	08	1801CST			0	0			Hail(1.00)
			Quarter size hail covered the ground along U.S. Highway 77.						
Riley County									
9 N Randolph	08	1801CST			0	0			Hail(1.00)
			Quarter size hail covered the ground along U.S. Highway 77.						
Clay County									
1 W Green	08	1807CST			0	0			Hail(1.00)
Pottawatomie County									
Olsburg	08	1827CST			0	0			Hail(1.00)
Pottawatomie County									
1 E Olsburg	08	1830CST			0	0			Hail(0.88)
Shawnee County									
2 NE Rossville	11	1327CST			0	0			Hail(1.00)
Jefferson County									
Ozawkie	11	1340CST			0	0			Hail(0.88)
Jefferson County									
Meriden	11	1343CST			0	0			Hail(0.88)
Shawnee County									
8 NNE Topeka	11	1346CST			0	0			Hail(1.00)
Jefferson County									
2 W Ozawkie	11	1349CST			0	0			Hail(1.00)
Jefferson County									
Meriden	11	1355CST			0	0			Hail(1.75)
Jefferson County									
1 W Oskaloosa	11	1406CST			0	0			Hail(1.00)
Jefferson County									
Winchester	11	1417CST			0	0			Hail(1.00)
Jefferson County									
Oskaloosa	11	1420CST			0	0			Hail(1.75)
Jefferson County									
1 S Mc Louth	11	1421CST			0	0			Thunderstorm Wind (G52)
Jefferson County									
Mc Louth	11	1423CST			0	0			Hail(1.75)
Pottawatomie County									
4 W Wamego	11	1448CST			0	0			Hail(0.75)
Pottawatomie County									
4 NNW St George	11	1458CST			0	0			Hail(1.50)
Washington County									
7 SW Morrowville	11	1553CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>KANSAS, East</u>									
Washington County 6 SSE Haddam	11	1608CST			0	0			Hail(1.75) Hail covered the ground.
Washington County Morrowville	11	1617CST			0	0			Hail(1.00)
Washington County Washington	11	1641CST			0	0			Hail(1.00)
Marshall County Marysville	11	1654CST			0	0			Hail(1.00)
Marshall County Beattie	11	1655CST			0	0			Hail(1.00)
Marshall County 2 W Marysville	11	1700CST			0	0			Hail(1.75)
Washington County 2 N Washington	11	1703CST			0	0			Hail(1.00)
Pottawatomie County Onaga	11	1714CST			0	0			Hail(0.88)
Pottawatomie County Onaga	11	1715CST 2015CST			0	0	1K		Flash Flood Torrential rains brought about 6 inches of fast flowing water across roads in the area.
Washington County 2 NE Washington	11	1732CST 2032CST			0	0	1K		Flash Flood Heavy rains brought over 6 inches of fast flowing water over roads in the area.
Washington County 6 N Hanover	11	1748CST			0	0			Hail(0.88)
Washington County 6 N Hanover	11	1800CST 2100CST			0	0	5K		Flash Flood Torrential rains of 5 to 6 inches brought fast flowing water of at least 6 inches across Kansas highway 148.
Marshall County Beattie	11	1815CST			0	0			Hail(0.88)
Marshall County Beattie	11	1818CST			0	0			Hail(1.00)
Marshall County 1 S Summerfield	12	1415CST 2015CST			0	0	0.50K		Flash Flood Heavy rain brought rapid flowing water over K-99.
Dickinson County 5 E Enterprise	12	1425CST			0	0			Thunderstorm Wind (G52)
Geary County Junction City	12	1438CST			0	0			Thunderstorm Wind (G52)
Geary County Junction City	12	1441CST			0	0			Hail(1.00)
Geary County Junction City	12	1442CST			0	0			Hail(1.00)
Riley County 10 SW Manhattan	12	1451CST			0	0			Hail(1.00)
Nemaha County 6 S Baileyville	12	1455CST			0	0			Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>KANSAS, East</u>									
Nemaha County Baileyville	12	1455CST			0	0			Thunderstorm Wind (G52)
Morris County 7 SSW Latimer	12	1510CST			0	0			Hail(0.75)
Nemaha County 6 NW Sabetha	12	1526CST			0	0			Hail(1.00)
Nemaha County 1 N Centralia	12	1538CST 2138CST			0	0	1K		Flash Flood
			Fast flowing water running across highway 187.						
Nemaha County 2 E Seneca	12	1545CST 2145CST			0	0	1K		Flash Flood
			Fast flowing water running across highway 36 and other area rural roads.						
Marshall County 2 W Axtell	12	1617CST 2217CST			0	0	0.50K		Flash Flood
			Fast flowing water running across county roads.						
Brown County 3 N Everest	12	1700CST			0	0			Thunderstorm Wind (G52)
Shawnee County 4 S Topeka	12	1730CST			0	0			Thunderstorm Wind (G55)
Osage County Overbrook	12	1732CST			0	0			Thunderstorm Wind (G61)
Shawnee County 4 N Richland	12	1732CST			0	0			Thunderstorm Wind (G56)
Jefferson County 5 S Oskaloosa	12	1750CST			0	0			Thunderstorm Wind (G55)
Dickinson County Hope	12 13	1900CST 0200CST			0	0	6K		Flash Flood
			Numerous reports of fast flowing water over highway 4 with several cars in ditches.						
Lyon County Americus	12 13	1900CST 0100CST			0	0	0.50K		Flash Flood
			Intense rains brought fast flowing water over county roads around Americus.						
Morris County Council Grove	12 13	1900CST 0200CST			0	0	1K		Flash Flood
			Up to 6 inches of rain caused flash flooding with rapid flow over rural roads around Council Grove.						
Osage County Osage City	12 13	1900CST 0100CST			0	0	0.50K		Flash Flood
			Intense rains brought fast flowing water across streets and roads around Osage City.						
Shawnee County Dover	12 13	2100CST 0600CST			0	0	10K		Flash Flood
			Intense rains brought fast flowing water across area streets with some waters 10 to 20 feet deep. Some families evacuated due to high water.						
Shawnee County Topeka	12 13	2100CST 0300CST			0	0	5K		Flash Flood
			Intense rains brought fast flowing water and stalled cars in streets in parts of Topeka.						

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, East</u>									
Douglas County									
Lawrence	12 13	2115CST 0315CST			0	0	1K		Flash Flood
Fast flowing water over 23rd St. and 2nd St.									
Brown County									
Hiawatha	12 13	2135CST 0335CST			0	0	0.50K		Flash Flood
Numerous reports of fast flowing water over numerous streets and roads including Highway 75 and 36 as well as prairie road.									
Jefferson County									
Perry	12 13	2200CST 0400CST			0	0	0.50K		Flash Flood
Fast flowing water over highway24.									
Wabaunsee County									
South Portion	12 13	2245CST 0445CST			0	0	1K		Flash Flood
Intense rains brought fast flowing water across K-4 highway.									
Morris County									
1 S Dunlap	12 13	2325CST 0200CST			0	0	0.50K		Flash Flood
Fast flowing water over 4 mile road near Dunlap.									
Jefferson County									
Meriden	18	1741CST			0	0			Hail(1.00)
Jefferson County									
1 N Meriden	18	1746CST			0	0			Hail(1.75)
Jefferson County									
3 E Meriden	18	1750CST 2350CST			0	0	0.50K		Flash Flood
Nearly 5 inches of rain brought fast flowing water across roads in Meriden area.									
Jefferson County									
3 E Meriden	18	1750CST			0	0			Hail(1.00)
Jefferson County									
3 E Meriden	18	1756CST			0	0			Hail(1.00)
Jefferson County									
3 S Ozawkie	18	1758CST			0	0			Thunderstorm Wind (G52)
Jefferson County									
Grantville	18	1829CST 2330CST			0	0	0.50K		Flash Flood
Fast flowing water over 21st St. in Grantville.									
Douglas County									
Stull	18	1845CST			0	0			Thunderstorm Wind (G56)
Shawnee County									
3 SSE Tecumseh	18	1845CST			0	0			Hail(1.00)
Douglas County									
2 SW Lecompton	18	1852CST			0	0			Hail(1.00)
Douglas County									
5 W Lawrence	18	1910CST			0	0			Hail(1.00)
Osage County									
5 W Melvern	18	2007CST			0	0			Hail(1.00)
Osage County									
3 E Osage City	18 19	2007CST 0200CST			0	0	0.50K		Flash Flood
Report of fast flowing water over k-31 highway.									

Storm Data and Unusual Weather Phenomena

May 2005

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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KANSAS, East

Osage County

1 E Olivet	18	2015CST			0	0			Thunderstorm Wind (G65)
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24 car (empty) train derailed with tree and building damage at nearby farmsteads.

Coffey County

Burlington	18	2043CST			0	0			Hail(0.75)
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Coffey County

John Redmond Res	18	2043CST			0	0			Hail(0.88)
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Coffey County

5 E Lebo	18	2043CST			0	0			Thunderstorm Wind (G58)
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Osage County

5 S Melvern	18	2108CST			0	0			Thunderstorm Wind (G60)
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Semi-truck blown over on i-35.

Morris County

Council Grove Res	28	1509CST			0	0			Hail(0.88)
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Morris County

4 N Dunlap	28	1520CST			0	0			Hail(1.00)
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Lyon County

5 W Bushong	28	1528CST			0	0			Hail(0.75)
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KANSAS, Extreme Southeast

Crawford County

1 W Arma	13 14	2315CST 0200CST			0	0			Flash Flood
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Heavy thunderstorms caused flash flooding in a few areas of Crawford County. One specific location that became impassable to motorists was a section of County Road 210 west of Arma.

Crawford County

Pittsburg	22	2300CST			0	0			Hail(1.00)
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Cherokee County

2 N West Mineral	24	0734CST			0	0			Thunderstorm Wind (G55)
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Severe thunderstorm wind gusts downed several tree limbs.

KANSAS, North Central

KANSAS, Northeast

Leavenworth County

Leavenworth	11	1230CST			0	0			Hail(1.75)
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Leavenworth County

Basehor	11	1405CST			0	0			Hail(1.00)
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Leavenworth County

2 W Easton	11	1428CST			0	0			Hail(1.75)
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Leavenworth County

2 SE Tonganoxie	11	1437CST			0	0			Thunderstorm Wind (G57)
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Leavenworth County

Lansing	11	1456CST			0	0			Hail(1.75)
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Leavenworth County

Lansing	11	1503CST			0	0			Hail(1.75)
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Storm Data and Unusual Weather Phenomena

May 2005

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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KANSAS, Northeast

Leavenworth County Leavenworth	11	1505CST			0	0			Hail(1.00)
Leavenworth County Leavenworth	11	1600CST 2115CST			0	0			Flash Flood
Heavy rains from thunderstorms caused numerous roads to be flooded across the county.									
Wyandotte County Kansas City	11	1415CST			0	0			Hail(1.00)
Doniphan County 1 S Severance	12	1750CST 2345CST			0	0			Flash Flood
Heavy rains closed the intersection at K20 and County Road 120.									
Doniphan County 1 S Highland	12	1750CST 2345CST			0	0			Flash Flood
Heavy rains closed the intersection at U36 and County Road 120.									
Leavenworth County Lansing	12	1757CST			0	0			Thunderstorm Wind (G52)
8 inch tree limb blown down along with numerous smaller tree limbs.									
Wyandotte County Kansas City	12	1820CST			0	0	1K		Thunderstorm Wind (G52)
Trees and power lines down between 16th and Kansas Avenue and 8th Avenue.									
Wyandotte County Kansas City	12	1825CST			0	0	25K		Thunderstorm Wind (G61)
Roofs torn off 2 homes and church suffered wind damage									
Wyandotte County Kansas City	12 13	2200CST 0345CST			0	0			Flash Flood
Flooding in the Armourdale area closed roads from around 11 pm to 1 am.									
Johnson County Olathe	12	1828CST			0	0			Thunderstorm Wind (G57)
Atchison County 6 NW Lancaster	12	1835CST 2345CST			0	0			Flash Flood
Thunderstorms produced heavy rains with 6 inches of water over County Road 326.									
KSZ103 Leavenworth	13	1200CST 2300CST			0	0			Flood
Stranger Creek near Easton crested at 19.65 feet, or 2.65 feet above flood stage.									

KANSAS, Northwest

Sherman County Goodland	04	1755MST			0	0			Hail(1.00)
Sherman County Goodland	04	1757MST			0	0			Hail(1.00)
Sherman County Goodland	04	1758MST			0	0			Hail(0.75)
Sherman County Goodland	04	1800MST			0	0			Hail(0.75)
Sherman County Goodland	04	1801MST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<p>Hail covering the ground. Kansas Highway Patrol reported hail 6-8 inches deep on Highway 27 from north edge of Goodland northward. Snow plows used to clear hail from roadway.</p>									
Sherman County									
Goodland	04	1802MST			0	0			Hail(0.75)
Cheyenne County									
St Francis	06	1320MST			0	0			Hail(1.00)
Cheyenne County									
St Francis	06	1320MST			0	0			Hail(0.75)
Hail covered the ground.									
Cheyenne County									
2 W Wheeler	06	1320MST			0	0			Hail(0.75)
Cheyenne County									
St Francis	06	1325MST			0	0			Hail(1.00)
Cheyenne County									
9 SW St Francis	06	1745MST			0	0			Hail(0.75)
Cheyenne County									
2 W Wheeler	06	1823MST			0	0			Hail(1.25)
Cheyenne County									
3 N Wheeler	06	1841MST			0	0			Hail(1.25)
Norton County									
Almena	11	1325MST			0	0			Hail(1.00)
Norton County									
4 NE Almena	11	1337MST			0	0			Hail(1.75)
Broken car windshield on highway 383 about 1 mile from Phillips county line.									
Decatur County									
Oberlin	11	1420MST			0	0			Hail(1.00)
Decatur County									
Oberlin	11	1420MST			0	0			Hail(0.75)
Decatur County									
Oberlin	11	1422MST			0	0			Hail(1.00)
Decatur County									
Cedar Bluffs	11	1440MST			0	0			Hail(1.00)
Cheyenne County									
14 NW St Francis	11	1539MST			0	0			Hail(1.00)
Cheyenne County									
14 NW St Francis	11	1539MST			0	0			Thunderstorm Wind (G52)
Cheyenne County									
16 NNW St Francis	11	1545MST			0	0			Hail(1.75)
Graham County									
9 E Hill City	17	1650MST			0	0			Hail(1.00)
Norton County									
8 SE Norton	17	1927MST			0	0			Hail(1.00)
Norton County									
6 E Lenora	17	1958MST			0	0			Hail(0.75)
Graham County									
13 NNW Hill City	17	2015MST			0	0			Hail(0.88)
Graham County									
8 NW Hill City	17	2017MST			0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Northwest</u>									
Norton County 3 E Lenora	17	2020MST			0	0			Hail(1.00)
Graham County 13 N Hill City	17	2045MST			0	0			Hail(0.88)
Graham County 11 N Hill City	17	2050MST			0	0			Hail(1.00)
			HAIL COVERING THE GROUND						
Graham County 6 N Hill City	17	2125MST			0	0			Hail(0.75)
Logan County Oakley	23	1936MST			0	0			Hail(0.88)
Logan County Oakley	23	1937MST			0	0			Hail(0.75)
Logan County 2 S Oakley	23	1937MST			0	0			Thunderstorm Wind (G52)
Logan County Oakley	23	1940MST			0	0			Hail(0.75)
Thomas County 8 S Colby	23	1950MST			0	0			Hail(0.88)
Wallace County Sharon Spgs	23	2000MST			0	0			Hail(0.75)
Gove County Grinnell	23	2005MST			0	0			Lightning
			Lightning struck a house producing damage from both the lightning stike and the fire.						
Norton County Lenora	23	2009MST			0	0			Thunderstorm Wind (G56)
Wallace County Sharon Spgs	23	2011MST			0	0			Thunderstorm Wind (G52)
Norton County Lenora	23	2019MST			0	0			Thunderstorm Wind (G60)
Wallace County 2 N Wallace	23	2020MST			0	0			Hail(0.75)
Greeley County Tribune	23	2044MST			0	0			Thunderstorm Wind (G61)
Wichita County 6 W Leoti	23	2050MST			0	0			Thunderstorm Wind (G65)
			Semi trailer overturned in high winds.						
Cheyenne County 17 NW St Francis	24	1617MST			0	0			Thunderstorm Wind (G65)
Cheyenne County 15 NNW St Francis	24	1620MST			0	0			Thunderstorm Wind (G78)
			6 REA poles knocked down and 5th wheel motor home tipped over by strong winds.						
Cheyenne County Bird City Arpt	24	1654MST			0	0			Thunderstorm Wind (G50)
Cheyenne County Bird City Arpt	24	1658MST			0	0			Thunderstorm Wind (G59)
			Minor tree damage.						
Rawlins County 3 NE Mc Donald	24	1715MST			0	0			Thunderstorm Wind (G82)

Storm Data and Unusual Weather Phenomena

May 2005

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
1/4 mile irrigation pivot sprinkler blown over. Time estimated from radar.									
Rawlins County Mc Donald	24	1715MST			0	0			Thunderstorm Wind (G61) Roof blown off shed.
Rawlins County Mc Donald	24	1715MST			0	0			Thunderstorm Wind (G83) Roof blown off gas station and power lines knocked down.
Rawlins County 5 N Atwood	24	1729MST			0	0			Thunderstorm Wind (G52)
Decatur County Oberlin	24	1810MST			0	0			Thunderstorm Wind (G50) KSN WX Lab Weathernet. Tree limbs also reported down.
Decatur County 2 N Traer	24	1810MST			0	0			Thunderstorm Wind (G58)
Rawlins County 4 N Herndon	24	1810MST			0	0			Thunderstorm Wind (G61) 5-inch diameter live tree branches snapped.
Norton County Norton	24	1840MST			0	0			Thunderstorm Wind (G52) 4-inch live tree banches down.
Rawlins County 11 S Herndon	28	0945MST			0	0			Hail(0.75)
Decatur County Oberlin	28	1005MST			0	0			Hail(0.75)
Decatur County Oberlin	28	1006MST			0	0			Hail(0.88)
Decatur County Oberlin	28	1012MST			0	0			Hail(0.75)
Rawlins County 21 NW Atwood	28	1242MST			0	0			Hail(0.75)
Cheyenne County 13 SW St Francis	28	1252MST			0	0			Hail(0.75)
Rawlins County Mc Donald	28	1318MST 1319MST	0.3	25	0	0			Tornado (F0) Brief touchdown over open fields. No known damage.
Rawlins County 7 W Atwood	28	1349MST			0	0			Hail(0.75)
Rawlins County 7 NW Atwood	28	1352MST			0	0			Hail(0.75) Hail covered the ground to a depth of 6 inches in a two-mile wide swath from extreme northwest Rawlins county to about 10 miles south and a little east of Atwood, according to a newspaper account.
Rawlins County 5 SW Atwood	28	1405MST			0	0			Hail(0.75)
Rawlins County 12 SE Atwood	28	1430MST			0	0			Thunderstorm Wind (G52)
Thomas County 3 N Colby	28	1434MST			0	0			Thunderstorm Wind (G56)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Ellsworth County 2 SE Lorraine	08	1421CST			0	0			Hail(1.00)
Rice County 5 SSW Frederick	08	1452CST			0	0			Hail(1.00)
Ellsworth County 8 ESE Lorraine	08	1507CST			0	0			Hail(0.88)
Rice County 3 W Geneseo	08	1513CST			0	0			Hail(0.88)
Rice County Lyons	08	1516CST			0	0			Hail(1.00)
Ellsworth County 8 ESE Lorraine	08	1521CST KSN Channel 3.			0	0			Hail(1.25)
Ellsworth County 8 ESE Lorraine	08	1521CST			0	0			Hail(1.00)
Rice County 4 NW Lyons	08	1521CST			0	0			Hail(1.00)
Mcpheerson County 1 N Marquette	08	1551CST			0	0			Hail(1.00)
Saline County 9 WSW Assaria	08	1556CST			0	0			Hail(0.88)
Rice County 5 NE Sterling	08	1624CST			0	0			Hail(1.00)
Rice County 1 S Lyons	08	1628CST			0	0			Hail(1.75)
Rice County 4 SE Lyons	08	1630CST			0	0			Hail(1.25)
Rice County 10 S Little River	08	1637CST			0	0			Hail(1.00)
Saline County 3 S Assaria	08	1637CST			0	0			Hail(1.00)
Mcpheerson County 5 SSW Mc Pherson	08	1640CST 1641CST	0.7	75	0	0	0	0	Tornado (F0) Brief Touchdown in open country.
Mcpheerson County 1 W Mc Pherson	08	1649CST			0	0			Hail(1.00)
Saline County 1 N Gypsum	08	1652CST			0	0			Hail(0.75)
Mcpheerson County 1 N Mc Pherson	08	1704CST			0	0			Hail(1.00)
Mcpheerson County 1 NNW Mc Pherson	08	1705CST Hail covered ground.			0	0			Hail(0.75)
Marion County 1 N Durham	08	1710CST			0	0			Hail(0.75)
Mcpheerson County Mc Pherson	08	1712CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Mcperson County									
1 S Galva	08	1743CST			0	0			Hail(1.00)
Mcperson County									
1 NE Moundridge	08	1746CST			0	0			Hail(1.75)
Reno County									
7 NE Hutchinson	08	1746CST			0	0			Hail(0.75)
Mcperson County									
1 N Moundridge	08	1753CST			0	0			Hail(1.75)
Harvey County									
5 WNW Hesston	08	1759CST			0	0			Hail(1.00)
Mcperson County									
Moundridge	08	1801CST			0	0			Hail(1.50)
Mcperson County									
Moundridge	08	1811CST			0	0			Hail(2.00)
									Unspecified number of cars damaged.
Harvey County									
2 E Hesston	08	1823CST			0	0			Hail(1.00)
Harvey County									
8 WNW Newton	08	1836CST			0	0			Hail(1.00)
Reno County									
4 E Hutchinson	08	1846CST			0	0			Hail(0.88)
Reno County									
5 SSE Buhler	08	1852CST			0	0			Hail(1.00)
									Hail covered the ground.
Harvey County									
1 W Burrton	08	1859CST			0	0			Hail(1.00)
Reno County									
6 SE Hutchinson Arpt	08	1900CST			0	0			Hail(1.50)
Sedgwick County									
Wichita	08	1916CST			0	0			Hail(0.75)
									Per KFDI, hail occurred at in NW 21st/W 119th St intersection.
Harvey County									
1 S Burrton	08	1923CST			0	0			Hail(1.75)
Sedgwick County									
Maize	08	1928CST			0	0			Hail(1.75)
Harvey County									
5 S Newton	08	1933CST			0	0			Hail(0.75)
Sedgwick County									
Colwich	08	1934CST			0	0			Hail(1.00)
Reno County									
2 N Haven	08	1937CST			0	0			Hail(0.75)
Harvey County									
3 E Annelly	08	1938CST			0	0			Hail(0.88)
Reno County									
Hutchinson	08	1943CST			0	0			Hail(0.88)
Sedgwick County									
3 SE Bentley	08	1948CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Butler County									
6 NE Potwin	08	1949CST			0	0			Hail(0.88)
Sedgwick County									
3 N Wichita	08	1953CST			0	0			Hail(1.00)
			Per KWCH Channel 12, hail occurred at 85th St. N/Ridge Rd. intersection.						
Butler County									
2 W Potwin	08	1956CST			0	0			Hail(0.88)
Sedgwick County									
Mt Hope	08	2000CST			0	0			Hail(1.75)
Butler County									
3 N El Dorado	08	2014CST			0	0			Hail(0.75)
Sedgwick County									
Wichita	08	2017CST			0	0			Hail(1.00)
			Occurred at 61st St. N/Hydraulic intersection.						
Sedgwick County									
Andale	08	2041CST			0	0			Hail(1.00)
Sedgwick County									
Colwich	08	2046CST			0	0			Hail(1.00)
KSZ083-083-083-083									
Sedgwick	08	2053CST 2300CST			0	0			Flood
			Two cars stalled in Valley Center at Main/Meridian intersection.						
Butler County									
Andover	08	2113CST			0	0			Hail(0.88)
Sedgwick County									
Wichita	08	2114CST			0	0			Hail(1.00)
			Occurred at 13th St. N/Ridge Rd. intersection.						
Butler County									
Leon	08	2119CST			0	0			Hail(1.00)
Butler County									
Douglass	08	2127CST			0	0			Hail(0.88)
			Occurred on North side of town.						
Harper County									
3 SSE Anthony	08	2129CST			0	0			Hail(1.00)
Sedgwick County									
Clearwater	08	2155CST			0	0			Hail(1.00)
Reno County									
6 N Sylvia	12	1330CST			0	0			Hail(0.75)
Saline County									
Assaria	12	1330CST			0	0			Hail(0.75)
Mcperson County									
5 S Canton	12	1405CST			0	0			Hail(0.88)
Sedgwick County									
Andale	12	1406CST			0	0			Hail(1.75)
Mcperson County									
5 S Canton	12	1407CST			0	0			Thunderstorm Wind (G52)
Sedgwick County									
Andale	12	1412CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>KANSAS, Southeast</u>									
Mcperson County									
5 NE Moundridge	12	1419CST			0	0			Hail(0.75)
Reno County									
6 N Sylvia	12	1438CST			0	0			Hail(0.75)
Reno County									
Hutchinson	12	1526CST			0	0			Hail(0.75)
Reno County									
4 W Hutchinson	12	1526CST			0	0			Hail(0.75)
Sedgwick County									
5 E Cheney	12	1557CST			0	0			Hail(0.75)
Sedgwick County									
7 W Goddard	12	1600CST			0	0			Hail(1.00)
Marion County									
Durham	12	1608CST			0	0			Thunderstorm Wind (G52)
Harvey County									
Halstead	12	1620CST			0	0			Hail(0.75)
Harper County									
9 S Anthony	12	1720CST			0	0			Hail(1.00)
Mcperson County									
Mc Pherson	12	1616CST 1830CST			0	0			Flash Flood
									Localized street flooding throughout the community.
Marion County									
2 E Ramona	12 13	2236CST 0100CST			0	0			Flash Flood
									Two miles east of Ramona, intersection of 360th and Sunflower Road washed out.
Chase County									
Cottonwood Falls	13	0630CST 0930CST			0	0			Flash Flood
									Several county roads under water.
Mcperson County									
Mc Pherson	13	0935CST 1100CST			0	0			Flash Flood
									Several roads were covered by water across the county.
Chautauqua County									
Hale	13	1538CST			0	0			Hail(0.75)
Montgomery County									
Independence	13	1601CST			0	0			Hail(0.75)
Cowley County									
Arkansas City	13	1916CST			0	0			Hail(0.88)
									Occurred on north side of town.
Chautauqua County									
1 N Cedar Vale	13	2038CST			0	0			Hail(0.75)
Woodson County									
2 NW Piqua to Piqua	19	0133CST 0545CST			0	0			Flash Flood
									Bridge washed out on 150th Road between Violet and Ute Roads. County Road washed out between Piqua and Neosho Falls.
Rice County									
5 SSW Frederick	21	1919CST			0	0			Hail(1.00)
Rice County									
5 N Chase	21	1925CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>KANSAS, Southeast</u>									
Rice County									
7 N Lyons	21	1953CST			0	0			Hail(1.75)
Rice County									
4 NNE Lyons	21	2002CST			0	0			Hail(0.75)
Rice County									
4 NNE Lyons	21	2011CST			0	0	5K		Thunderstorm Wind (G56)
		Large motorcycle blown over.							
Rice County									
5 NNW Lyons	21	2012CST			0	0			Hail(1.00)
Rice County									
Lyons	21	2015CST			0	0			Hail(1.75)
Rice County									
1 SE Lyons	21	2022CST			0	0			Hail(2.00)
		Damage?							
Rice County									
Lyons	21	2023CST			0	0			Hail(2.75)
		Damage?							
Rice County									
1 SE Lyons	21	2026CST			0	0			Hail(2.75)
		Damage?							
Mcperson County									
7 WSW Inman	21	2050CST			0	0			Thunderstorm Wind (G56)
		Downed large limbs.							
Rice County									
4 NNE Lyons	21	2114CST			0	0			Hail(1.00)
Rice County									
4 NNE Lyons	22	2114CST			0	0			Hail(1.00)
Butler County									
3 SW Augusta	22	2150CST			0	0			Hail(1.00)
Butler County									
1 S Augusta	22	2155CST			0	0			Hail(1.75)
Butler County									
3 SSW Douglass	22	2155CST			0	0			Hail(1.75)
Butler County									
2 S Leon	22	2155CST			0	0			Hail(0.75)
Butler County									
3 S Rose Hill	22	2155CST			0	0			Hail(1.00)
Wilson County									
5 SSE Coyville	22	2203CST			0	0			Hail(1.00)
Butler County									
1 W Douglass	22	2209CST			0	0			Hail(2.75)
Cowley County									
6 NE Udall	22	2212CST			0	0			Hail(1.75)
Elk County									
5 S Howard	22	2214CST			0	0			Hail(1.00)
Butler County									
Douglass	22	2215CST			0	0			Hail(1.00)
Elk County									
5 W Howard	22	2215CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Elk County									
5 W Howard	22	2218CST			0	0			Hail(1.75)
Neosho County									
3 S Erie	22	2218CST			0	0			Hail(0.88)
Butler County									
El Dorado	22	2230CST			0	0			Hail(1.00)
Butler County									
El Dorado	22	2231CST			0	0			Hail(1.00)
Neosho County									
5 NNW Thayer	22	2234CST			0	0			Hail(1.00)
Butler County									
3 E El Dorado	22	2240CST			0	0			Hail(1.25)
Elk County									
Moline	22	2240CST			0	0			Hail(1.75)
Butler County									
3 E El Dorado	22	2242CST			0	0			Hail(1.75)
Harvey County									
4 W Halstead	22	2242CST			0	0			Hail(0.88)
Butler County									
3 E El Dorado	22	2246CST			0	0			Hail(1.75)
Elk County									
Elk Falls	22	2246CST			0	0			Hail(0.88)
Cowley County									
Cambridge	22	2250CST			0	0			Hail(1.00)
Cowley County									
Atlanta	22	2302CST			0	0			Hail(1.00)
Harvey County									
5 S Halstead	22	2304CST			0	0			Hail(1.75)
Cowley County									
1 S Atlanta	22	2308CST			0	0			Hail(0.88)
Butler County									
1 SW El Dorado	22	2320CST			0	0			Hail(1.00)
Sedgwick County									
Valley Center	22	2320CST			0	0			Hail(0.75)
Harvey County									
2 S Halstead	22	2336CST			0	0			Hail(2.00)
Sedgwick County									
Wichita	22	2350CST			0	0			Hail(1.00)
Butler County									
Andover	22	2358CST			0	0			Hail(1.00)
Chautauqua County									
Elgin	22	2358CST			0	0			Hail(0.88)
Butler County									
Andover	22	2359CST			0	0			Hail(1.00)
Butler County									
Elbing	23	0004CST			0	0			Hail(1.00)
Sedgwick County									
2 N Park City	23	0005CST			0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>KANSAS, Southeast</u>									
Sedgwick County Park City	23	0011CST			0	0			Hail(1.50)
Sedgwick County Park City	23	0012CST			0	0			Hail(1.75)
Cowley County Udall	23	0015CST			0	0			Thunderstorm Wind (G70)
Sedgwick County Eastborough	23	0023CST			0	0			Hail(0.88)
Cowley County Udall	24	0457CST			0	0			Thunderstorm Wind (G61)
<u>KANSAS, Southwest</u>									
Finney County 2 N Garden City	07	0105CST			0	0			Thunderstorm Wind (G56)
Kearny County 16 SW Lakin	11	1905CST			0	0			Hail(0.88)
Kearny County 15 NW Lakin	11	1905CST			0	0			Hail(1.25)
Kearny County 17 N Lakin	11	1916CST			0	0			Hail(0.88)
Grant County 9 SW Ulysses	11	1918CST			0	0			Hail(0.88)
Kearny County 4 W Lakin	11	1928CST			0	0			Hail(1.00)
Grant County Ulysses	11	1934CST			0	0			Hail(0.88)
Kearny County Lakin	11	1934CST			0	0			Hail(1.50)
Kearny County Lakin	11	1937CST			0	0			Hail(0.88)
Grant County Ulysses	11	1940CST			0	0			Hail(1.00)
Grant County 9 SSW Ulysses to 8.5 SSW Ulysses	11	1944CST 1945CST	0.5	30	0	0			Tornado (F0) Contact was made briefly in pasture of native grass.
Grant County 3 W Ulysses	11	1948CST	0.2	30	0	0			Tornado (F0) Contact was made in a field only very briefly.
Kearny County 2 N Deerfield	11	1948CST			0	0			Hail(0.88)
Kearny County Deerfield	11	1950CST			0	0			Hail(1.50)
Grant County 1 NE Ulysses to 12 N Hickok	11	2003CST 2022CST	13.2	250	0	0	350M		Tornado (F2)

Storm Data and Unusual Weather Phenomena

May 2005

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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KANSAS, Southwest

This tornado traveled into Kearny county before roping out. At 2ne of Ulysses part of a barn roof was blown off and a large tree was uprooted. Several horses were slightly injured. Then at 5ne of Ulysses an abandoned mobile home was destroyed. At six miles northeast of Ulysses, two pivot sprinklers were mangled, large trees were snapped at the base and several power poles were destroyed. Several grain bins (full of wheat) were completely swept away and the grain was scattered for some distance. Remnants of the grain bins were not found in the local vicinity. Farther northeast along the track several more pivot sprinklers were destroyed. It is estimated that if this tornado had made a direct hit, it would have likely caused at least high-end F3 damage.

Finney County

15 NW Garden City	11	2020CST			0	0			Hail(0.75)
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Kearny County

14 SSE Lakin to 13 SSE Lakin	11	2022CST 2024CST	1.3	30	0	0			Tornado (F0)
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This tornado originated near Ulysses in Grant county and roped out in Kearny county. There was nothing significant to hit in this area. A mail box was blown over and there was some minor tree damage.

Finney County

2 SE Friend	11	2048CST	0.2	15	0	0			Tornado (F0)
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This was very brief spinup.

Finney County

3 S Holcomb	11	2124CST	0.2	15	0	0			Tornado (F0)
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This was another brief spinup under the mesocyclone.

Finney County

Holcomb	11	2140CST			0	0			Hail(1.75)
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Finney County

Garden City	11	2144CST			0	0			Hail(1.75)
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Comanche County

12 SE Coldwater	12	1347CST			0	0			Hail(0.75)
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Comanche County

9 ENE Wilmore	12	1355CST			0	0			Thunderstorm Wind (G52)
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Pratt County

Croft	12	1355CST			0	0			Hail(0.88)
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Barber County

8 NW Lake City	12	1410CST			0	0			Hail(0.75)
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Kiowa County

Belvidere	12	1415CST			0	0			Hail(0.75)
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Stafford County

8 S Stafford	12	1415CST			0	0			Hail(1.00)
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Barber County

4 WSW Isabel	12	1420CST			0	0			Hail(0.75)
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Porch window was broken by this PENNY sized hail!

Pratt County

Sawyer	12	1430CST			0	0			Hail(0.75)
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Pratt County

3 N Pratt	12	1445CST			0	0			Hail(0.75)
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Kiowa County

Haviland	12	1610CST			0	0			Hail(1.00)
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Kiowa County

Greensburg	12	1620CST			0	0			Hail(0.75)
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Pratt County

4 WNW Byers	12	1628CST			0	0			Hail(0.75)
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Hail covered the ground.

Pratt County

3 WNW Byers	12	1630CST			0	0			Hail(0.75)
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Storm Data and Unusual Weather Phenomena

May 2005

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
<u>KANSAS, Southwest</u>									
KSZ066		Stafford							
	12	2020CST 2220CST			0	0			Flood
			High water was flowing over highway 50 near Stafford causing traffic to be diverted.						
Kiowa County									
1 SE Mullinville	12	2230CST			0	0			Heavy Rain
			Three inches of rain fell since 1 pm CST.						
Stafford County									
5 S St John	12	2305CST			0	0			Heavy Rain
			Four and quarter inches of rain fell since 2 pm CST.						
Stafford County									
4 NW Stafford	12	2315CST			0	0			Heavy Rain
Stafford County									
St John	12	2330CST			0	0			Heavy Rain
Edwards County									
11 SSE Belpre	13	0001CST			0	0			Heavy Rain
Scott County									
7 N Scott City	23	2227CST			0	0			Thunderstorm Wind (G56)
Scott County									
Scott City	23	2233CST			0	0			Thunderstorm Wind (G53)
			KSN weaether lab site at the middle school						
Finney County									
2 N Garden City	23	2245CST			0	0			Thunderstorm Wind (G57)
Finney County									
2 N Garden City	23	2249CST			0	0			Thunderstorm Wind (G60)
			Power lines blown down.						
Finney County									
Garden City	23	2250CST			0	0			Thunderstorm Wind (G52)
			One diameter tree limbs were broken by the high wind.						
Finney County									
Garden City	23	2250CST			0	0			Thunderstorm Wind (G54)
			Recorded at a weather lab site.						
Finney County									
(Gck)Garden City Arpt	23	2259CST			0	0			Thunderstorm Wind (G62)
Finney County									
Garden City	23	2305CST			0	0			Thunderstorm Wind (G53)
			Recorded at a KSN weather lab.						
Haskell County									
Sublette	23	2311CST			0	0			Thunderstorm Wind (G50)
			Recorded at a KSN weather lab site.						
Haskell County									
1 W Satanta	23	2318CST			0	0			Thunderstorm Wind (G65)
Haskell County									
15 N Sublette	23	2320CST			0	0			Thunderstorm Wind (G70)
			Four inch diameter tree limbs were blown down.						
Grant County									
11 NE Hickok	23	2322CST			0	0			Thunderstorm Wind (G70)
			Feed bunkers blown over.						
Gray County									
6 WNW Montezuma	23	2326CST			0	0			Thunderstorm Wind (G54)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>KANSAS, Southwest</u>									
Seward County									
14 N Liberal	23	2340CST			0	0			Thunderstorm Wind (G61)
					A camper was overturned.				
Gray County									
3 N Ensign	23	2345CST			0	0			Thunderstorm Wind (G70)
					Four to six inch diameter tree branches were broken.				
Ford County									
Dodge City Arpt	23	2350CST			0	0			Thunderstorm Wind (G53)
Hodgeman County									
1 NE Jetmore	23	2355CST			0	0			Thunderstorm Wind (G52)
Clark County									
4 S Minneola	24	0015CST			0	0			Thunderstorm Wind (G56)
Ford County									
4.8 ENE Windthorst	24	0015CST			0	0			Thunderstorm Wind (G52)
Edwards County									
1 SW Kinsley	24	0030CST			0	0			Thunderstorm Wind (G61)
					Some tree damage was reported.				
Kiowa County									
Mullinville	24	0030CST			0	0			Thunderstorm Wind (G65)
					Three to four inch diameter tree limbs were blown down.				
Meade County									
Meade	24	0030CST			0	0			Thunderstorm Wind (G52)
Clark County									
10 S Ashland	24	0040CST			0	0			Thunderstorm Wind (G51)
					This wind was reported by a USGS data logger.				
Comanche County									
11 W Coldwater	24	0040CST			0	0			Thunderstorm Wind (G65)
					A tree was blown across the highway near the Clark/Comanche county line.				
Edwards County									
14 SSW Kinsley	24	0040CST			0	0			Thunderstorm Wind (G56)
					Two inch tree limbs broken. A semi-trailer was partially overturned.				
Kiowa County									
2 N Greensburg	24	0045CST			0	0			Thunderstorm Wind (G52)
Comanche County									
Coldwater	24	0100CST			0	0			Thunderstorm Wind (G56)
					Two inch diameter tree limbs were broken.				
Edwards County									
1 NE Trousdale	24	0100CST			0	0			Thunderstorm Wind (G56)
					Pear trees were uprooted.				
Barber County									
13 S Sun City	24	0120CST			0	0			Thunderstorm Wind (G61)
					Three house windows were blown out.				
Pratt County									
Pratt	24	0130CST			0	0			Thunderstorm Wind (G65)
					A thirty inch diameter tree was uprooted.				
Stafford County									
Seward	24	0130CST			0	0			Thunderstorm Wind (G56)
					Two inch diameter tree limbs were broken.				
Pratt County									
Pratt	24	0135CST			0	0			Thunderstorm Wind (G56)
					A moderate sized redbud tree was snapped off at the ground.				

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Southwest</u>									
Hamilton County 2 E Coolidge	24	2054CST			0	0			Thunderstorm Wind (G55)
		Measured at a KDOT site.							
Hamilton County Syracuse	24	2113CST			0	0			Thunderstorm Wind (G51)
		Measured at a KSN-tv weather lab at the High School.							
Kearny County 13 W Lakin	24	2145CST			0	0			Thunderstorm Wind (G56)
		Three to four inch diameter tree limbs were broken.							
Morton County 2 E Richfield	24	2300CST			0	0			Hail(1.00)
Morton County Elkhart	24	2305CST			0	0			Hail(0.75)
Morton County 12 WNW Richfield to 9 WNW Richfield	30	2010CST 2020CST	3.2	75	0	0			Tornado (F0)
		This tornado had nothing to hit.							
Morton County 8 WNW Richfield	30	2015CST			0	0			Hail(1.00)
<u>KENTUCKY, Central</u>									
Warren County Plano	12	1710EST			0	0			Thunderstorm Wind (G50)
		Trees were downed.							
Warren County 3 E Bowling Green	12	1714EST			0	0			Hail(1.25)
Warren County 3 E Bowling Green	12	1728EST			0	0			Hail(0.88)
Warren County Bowling Green	12	1750EST			0	0			Hail(1.75)
		Golf ball size hail was reported near the 28 mile marker on Interstate 65							
Mercer County Rose Hill	14	1534EST			0	0			Thunderstorm Wind (G50)
		Trees were downed.							
Barren County Cave City	19	1345EST			0	0			Thunderstorm Wind (G50)
Green County Countywide	19	1430EST			0	0			Thunderstorm Wind (G50)
Green County Greensburg	19	1430EST			0	0			Hail(0.88)
Taylor County Campbellsville	19	1444EST			0	0			Hail(0.75)
Edmonson County 8 SE Brownsville	19	1500EST			0	0			Thunderstorm Wind (G50)
Logan County Lewisburg	19	1515EST			0	0			Thunderstorm Wind (G60)
Oldham County La Grange	19	1725EST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>KENTUCKY, Central</u>									
Oldham County									
1 N La Grange	19	1730EST			0	0			Hail(0.75)
Henry County									
Sulphur	19	1740EST			0	0			Hail(0.88)
Henry County									
Eminence	19	1745EST			0	0			Hail(1.00)
Trimble County									
5 N Bedford	19	1755EST			0	0			Thunderstorm Wind (G50)
Ohio County									
Beda	19	1758EST			0	0			Hail(1.75)
Jefferson County									
Countywide	19	1818EST			0	0			Thunderstorm Wind (G50)
Jefferson County									
Okolona	19	1820EST			0	0	25K		Thunderstorm Wind (G65) A portion of the roof of a hardware store collapsed.
Shelby County									
Countywide	19	1822EST			0	0			Thunderstorm Wind (G50)
Jefferson County									
Fern Creek	19	1830EST			0	0	10K		Lightning A lightning strike caused a house fire on Pepperdine Court.
Oldham County									
Crestwood	19	1830EST			0	0			Hail(1.75)
Trimble County									
Countywide	19	1830EST 2300EST			0	0	10K		Flash Flood Several roads in the county were closed due to streams and creeks flowing out of their banks. Some vehicles were trapped by high water, but no injuries were reported.
Jefferson County									
Middletown	19	1840EST			0	0	10K		Lightning A lightning strike caused a house fire on Waters Edge Drive.
Meade County									
Doe Vly Estates	19	1848EST			0	0			Hail(0.88)
Shelby County									
Shelbyville	19	1900EST			0	0			Hail(1.00)
Meade County									
Brandenburg	19	1902EST			0	0			Hail(0.88)
Oldham County									
Countywide	19	1905EST 2300EST			0	0			Flash Flood Four to five feet of water covered Moody Lane in La Grange. Numerous roads were closed in Peewee Valley and other locations around the county.
Shelby County									
Countywide	19	1906EST 2200EST			0	0	10K		Flash Flood Dover Road and Clara Jackson Road in Shelbyville were closed due to high water. Numerous other roads around the county were closed. Some vehicles were trapped by high water, but no injuries were reported.
Jefferson County									
Countywide	19	1934EST 2200EST			0	0	20K		Flash Flood High water was covering roadways in Louisville in the vicinity of Veteran's Hospital. La Grange Road and Park Road in the Anchorage area were covered by high water. Numerous other roads and intersections throughout the county were closed by high water.

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KENTUCKY, Central</u>									
Henry County									
Countywide	19	1945EST 2330EST			0	0	10K		Flash Flood
Numerous roads were blocked or closed by high water. Vehicles were trapped by flood waters, but no injuries were reported									
Spencer County									
North Central Portion	19	1945EST 2200EST			0	0			Flash Flood
Elk Creek was running out of its banks and blocking a road. A bridge was washed out in the Plum Ridge area.									
Bullitt County									
North Portion	19	2000EST 2200EST			0	0			Flash Flood
Numerous roads were blocked or closed due to high water.									
Logan County									
5 W Russellville	19	2000EST			0	0			Hail(1.75)
Clark County									
East Portion	19	2001EST 2200EST			0	0			Flash Flood
Up to three feet of water covered parts of Interstate 64.									
Bourbon County									
Ruddels Mills	19	2005EST			0	0			Thunderstorm Wind (G60)
Logan County									
3 NW Olmstead	19	2018EST			0	0			Hail(1.75)
Madison County									
Kirksville	19	2030EST			0	0			Thunderstorm Wind (G55)
Madison County									
Richmond	19	2035EST			0	0			Thunderstorm Wind (G50)
Breckinridge County									
Countywide	19	2100EST			0	0			Thunderstorm Wind (G50)
Nelson County									
Boston	19	2117EST			0	0			Thunderstorm Wind (G50)
Simpson County									
1 W Franklin	19	2125EST			0	0	5K		Thunderstorm Wind (G60)
There was unspecified structural damage to a mobile home.									
Marion County									
Gravel Switch	19	2129EST			0	0			Thunderstorm Wind (G50)
Lincoln County									
Waynesburg	19	2211EST			0	0	20K		Thunderstorm Wind (G65)
The roof was blown off a home.									
Hart County									
South Portion	20	0010EST 0600EST			0	0			Flash Flood
Roadways were flooded in the Munfordville and Horse Cave areas. Two to four feet of water covered a four mile stretch of Highway 218 near Horse Cave.									
Warren County									
Bowling Green	20	0125EST 0600EST			0	0			Flash Flood
A number of roadways in the city were covered by water. The depth of water reached up to two feet in spots. Thunderstorms ahead of an advancing cold front caused wind damage over much of Central Kentucky, mostly in the form of downed trees and power lines. There were also widespread reports of large hail, and a few more reports of non-severe hail in other locations. Flooding of low-lying areas, and streams flowing out of banks, also resulted from the thunderstorms.									

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KENTUCKY, Eastern</u>									
Jackson County Mc Kee	12	1530EST			0	0	0	0	Hail(0.75)
Jackson County 5 SE Mc Kee	12	1535EST			0	0	0	0	Hail(0.88)
Jackson County Annville	12	1540EST			0	0	0	0	Hail(0.75)
Clay County Burning Spgs	12	1600EST			0	0	0	0	Hail(0.75)
Clay County 2 S Manchester	12	1633EST			0	0	0	0	Hail(0.75)
Leslie County 3 S Roark	12	1700EST			0	0	0	0	Hail(1.00)
Leslie County 3 S Mozelle	12	1725EST			0	0	0	0	Hail(1.75)
Harlan County Baxter	12	1740EST			0	0	0	0	Hail(1.00)
Harlan County Harlan	12	1740EST			0	0	0	0	Hail(0.88)
Harlan County Harlan	12	1742EST			0	0	0	0	Hail(1.00)
Harlan County Harlan	12	1745EST			0	0	0	0	Hail(0.75)
Fleming County Peckstridge	13	1450EST			0	0	0	0	Hail(0.88)
Lee County Zoe	13	1617EST			0	0	0	0	Hail(0.75)
Wolfe County Valeria	13	1630EST			0	0	0	0	Hail(0.75)
Morgan County 10 S West Liberty	13	1635EST			0	0	0	0	Hail(0.75)
Morgan County Wrigley	13	1655EST			0	0	0	0	Hail(0.75)
Morgan County West Liberty	13	1720EST			0	0	0	0	Thunderstorm Wind (G55) One tree and large limbs two to four inches in diameter blown down.
Knott County Redfox	13	1646EST			0	0	0	0	Thunderstorm Wind (G55) Large tree limbs blown down.
Elliott County Isonville	13	1710EST			0	0	10K	0	Thunderstorm Wind (G63) Four or five trees blown down with widespread power outages.
Johnson County 5 E Paintsville	13	1710EST			0	0	0	0	Thunderstorm Wind (G55)
Floyd County Prestonsburg	13	1715EST 1720EST			0	0	0	0	Thunderstorm Wind (G55)
Johnson County River to Chandlerville	13	1733EST			0	0	0	0	Thunderstorm Wind (G55)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KENTUCKY, Eastern</u>									
									One tree and other large branches blown down.
Martin County									
Inez	13	1745EST			0	0	0	0	Thunderstorm Wind (G55)
									One tree down on Route 3 near Inez and two trees down in Debord, just off of Route 3.
Fleming County									
Flemingsburg	19	1325EST			0	0	0	0	Hail(0.75)
Clay County									
3 S Manchester	19	1445EST			0	0	0	0	Thunderstorm Wind (G63)
									Several large limbs blown down near Highway 11.
Magoffin County									
2 S Hendricks	19	1615EST			0	0	0	0	Hail(0.88)
Wolfe County									
Pine Ridge	19	1620EST			0	0	0	0	Hail(0.75)
Johnson County									
Paintsville	19	1630EST			0	0	0	0	Hail(1.00)
Bath County									
Salt Lick	19	1635EST			0	0	0	0	Hail(0.75)
Bath County									
3 SE Olympia	19	1645EST			0	0	0	0	Hail(0.75)
Fleming County									
Ewing	19	1927EST			0	0	0	0	Thunderstorm Wind (G55)
									Trees down.
Fleming County									
Flemingsburg	19	1940EST			0	0	0	0	Thunderstorm Wind (G55)
									Trees down near Flemingsburg.
Fleming County									
Mt Carmel	19	1950EST			0	0	0	0	Thunderstorm Wind (G55)
									Two to three inch diameter limbs down near Mt. Carmel.
Powell County									
Clay City	19	2035EST			0	0	0	0	Thunderstorm Wind (G55)
									Large tree limbs down in Clay City.
Estill County									
4 E Irvine	19	2040EST			0	0	0	0	Thunderstorm Wind (G55)
									Four trees blown down near Route 214. Trees also blown down around the county.
Morgan County									
Zag	19	2056EST			0	0	0	0	Thunderstorm Wind (G55)
Floyd County									
Lancer	19	2059EST			0	0	0	0	Hail(0.75)
Floyd County									
Prestonsburg	19	2100EST			0	0	0	0	Hail(1.00)
Floyd County									
2 NW Allen	19	2102EST			0	0	0	0	Hail(0.88)
Floyd County									
Allen	19	2102EST			0	0	0	0	Hail(0.88)
Lee County									
Beattyville	19	2100EST			0	0	0	0	Thunderstorm Wind (G55)
									Two trees blown down in Beattyville and two more blown down on Highway 52.
Wolfe County									
2 SE Pine Ridge	19	2100EST 2101EST	0.1	80	0	0	20K		Tornado (F0)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KENTUCKY, Eastern</u>									
A brief F0 tornado touched down along Campbells Ridge Road. The tornado had a width of 80 yards and a length of 150 yards. This tornado downed several trees and caused damage to three structures. A mobile home was shifted, and one home sustained some roof damage.									
Morgan County									
Lenox	19	2110EST			0	0	0	0	Thunderstorm Wind (G55)
			Trees down on Cow Branch and Highway 172.						
Owsley County									
Booneville	19	2110EST			0	0	0	0	Thunderstorm Wind (G55)
			Two trees blown down.						
Breathitt County									
5 E Jackson	19	2125EST			0	0	0	0	Thunderstorm Wind (G55)
			Two trees and several large limbs down along Highway 30 near Jackson.						
Wolfe County									
Malaga	19	2130EST			0	0	0	0	Thunderstorm Wind (G55)
			Trees blown down at Highway 1812 and Landsaw Road.						
Magoffin County									
Royalton	19	2140EST			0	0	0	0	Thunderstorm Wind (G55)
			Several three to four inch diameter tree limbs blown down.						
Floyd County									
Dock	19	2200EST			0	0	0	0	Thunderstorm Wind (G55)
			Several large tree limbs blown down.						
Johnson County									
Van Lear Jct	19	2202EST			0	0	0	0	Thunderstorm Wind (G55)
			Three large trees blown down on Butcher Hollow Road.						
Pulaski County									
2 SE Somerset	19	2215EST			0	0	0	0	Thunderstorm Wind (G55)
			Trees and power lines down in northern part of the county.						
Leslie County									
Cutshin	19	2230EST			0	0	0	0	Thunderstorm Wind (G55)
			Downed trees blocking roads and knocking out power. Trees also down near upper Macintosh.						
Clay County									
Manchester	19	2238EST 2359EST			0	0	0	0	Flash Flood
			Six to eight inches of water flowing over Highway 421 in Manchester.						
Pike County									
Sidney	19	2300EST			0	0	1K	0	Thunderstorm Wind (G55)
			Trees blown down and a trampoline blown on top of a house.						
Knox County									
Barbourville	19	2300EST			0	0	0	0	Thunderstorm Wind (G55)
			Trees down on Highway 11.						
Bell County									
Cary	19	2300EST			0	0	0	0	Thunderstorm Wind (G55)
			Trees down in the Arjay area near Cary and Green Camp.						
Mccreary County									
Parkers Lake	19	2300EST			0	0	0	0	Thunderstorm Wind (G55)
			Trees down near Parkers Lake.						
Whitley County									
2 E Williamsburg	19	2300EST			0	0	0	0	Thunderstorm Wind (G55)
			Two trees blown down.						

Storm Data and Unusual Weather Phenomena

May 2005

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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KENTUCKY, Northeast

Lawrence County

Summit	13	1810EST			0	0			Thunderstorm Wind (G50)
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Several trees were blown down.

Lawrence County

Buchanan	19	1545EST			0	0			Thunderstorm Wind (G50)
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Trees fell across Route 707.

KENTUCKY, Northern

Carroll County

Countywide	19	1815EST 1830EST			0	0	8K		Thunderstorm Wind (G50)
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Trees were downed.

Gallatin County

Countywide	19	1815EST 1825EST			0	0	6K		Thunderstorm Wind (G50)
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Several trees were knocked down.

Owen County

2 NW Owenton	19	1815EST 1819EST			0	0	3K		Thunderstorm Wind (G50)
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A couple of trees were knocked down.

Owen County

5 S Owenton	19	1835EST 1839EST			0	0	3K		Thunderstorm Wind (G50)
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Trees were downed.

KYZ089-094

Carroll - Owen

19	1900EST 2030EST				0	0			Flood
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Thunderstorms produced two to three inches across Carroll and Owen counties during the evening. This caused high water on roads and flooding of basements to several homes near Carrollton.

KENTUCKY, Southwest

KYZ010-014>016-018>021 Crittenden - Union - Webster - Hopkins - Henderson - Daviess - Mclean - Muhlenberg

04	0300CST 0500CST				0	0			Frost/Freeze
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An unusually late season frost occurred over many parts of northwest Kentucky, mainly north of the Western Kentucky Parkway. Lows were mostly in the middle 30's. The lowest temperature reported was an unofficial reading of 33 degrees at Sturgis (Union County). This was the last of four consecutive frosty mornings. Lows each morning from May 1st to the 4th were about the same, mostly in the middle 30's. The combination of cold weather and drier than normal soil slowed the development of some early-planted corn and soybeans.

Calloway County

Murray	13	1735CST			0	0			Thunderstorm Wind (G50)
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A few trees and large limbs were blown down in southeast parts of Murray. One tree was across 4th Street.

Calloway County

2 N Almo	13	1738CST			0	0			Hail(0.75)
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Daviess County

Philpot	14	0130CST 0200CST			0	0			Heavy Rain
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One to two feet of water covered Highway 142 in a spot that typically floods during heavy rain.

Christian County

Oak Grove to 2 NE Pembroke	19	1334CST 1338CST			0	0	4K		Thunderstorm Wind (G52)
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Along Interstate 24, speed limit signs and informational signs were blown down between mile markers 86 and 89. A large sign was blown across U.S. Highway 41A near Oak Grove, and a billboard was blown down. Near Pembroke, winds estimated near 60 MPH by a trained spotter blew down several trees on Highway 115. The peak wind gust measured at Fort Campbell was 55 MPH.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>KENTUCKY, Southwest</u>									
Todd County									
1 N Elkton to 4 N Elkton	19	1350CST			0	0			Thunderstorm Wind (G50)
Numerous trees were blown down in the northern part of the county. From Elkton north, about six trees were blown down across roads.									
Union County									
Morganfield	19	1355CST			0	0	4K		Thunderstorm Wind (G50)
A few small trees, some power lines, and a power pole were down. Most of the damage was in a corridor along U.S. Highway 60 through Union County.									
Henderson County									
Smith Mills	19	1410CST			0	0	2K		Thunderstorm Wind (G50)
Power lines were blown down.									
Caldwell County									
10 N Princeton to 9 ENE Princeton	19	1545CST 1600CST			0	0			Hail(1.00)
Hopkins County									
Dawson Spgs	19	1611CST			0	0	20K		Hail(2.75)
Mclean County									
Livermore	19	1645CST			0	0			Hail(1.75)
Caldwell County									
2 S Farmersville	19	1658CST			0	0			Hail(0.75)
Hopkins County									
1 S Madisonville	19	1711CST			0	0			Hail(1.00)
A supercell thunderstorm tracked east across Caldwell County, producing a swath of nickel to quarter-size hail about 8 miles long. The hail swath passed north through northeast of Princeton. The supercell reached its maximum intensity as it crossed into Hopkins County, producing tennis ball to baseball size hail at Dawson Springs. The baseball size hail occurred along the Hopkins County side of the Tradewater River, less than a mile west of Dawson Springs. Windows were broken out of a residence, and a truck was dented. A couple of other less intense storms produced quarter size hail on the south side of Madisonville and golf ball size hail in Mclean County.									
Hopkins County									
Madisonville to 4 S Madisonville	19	1827CST 1930CST			0	0			Flash Flood
Heavy rain from a series of thunderstorms caused local flooding. U.S. Highway 41 was partly covered by water about 4 miles south of Madisonville. Throughout the area, heavy rain caused lots of puddling on the sides of streets. Streams were full.									
Christian County									
Kelly	19	1828CST	0.2	50	0	0	15K		Tornado (F1)
An unoccupied mobile home was damaged. The mobile home was unroofed and pushed off its foundation. The tin roof on a garage was partially blown off. A garage door was pushed in, and another large garage door was blown out. Tin and other lightweight materials were blown several hundred feet. Peak winds in this very short track tornado were estimated near 80 MPH. Several witnesses reported their observations to local law enforcement officials									
Christian County									
5.5 NE Pembroke to 5.6 NE Pembroke	19	1838CST 1839CST	0.1	100	0	0	100K		Tornado (F1)
A funnel cloud skipped along the ground near the Christian/Todd County line. This was the first of two touchdowns of the same tornado. Along U.S. Highway 68 just inside Christian County, near the Jefferson Davis Monument State Historic Site, a few sheds and small buildings were unroofed. Numerous trees were blown down. This first touchdown in Christian County was about 1/8 mile long and 100 yards wide. Peak winds were estimated near 80 MPH. About a mile to the east in Todd County, there was a second brief touchdown of this tornado.									
Todd County									
8 WNW Elkton to 7.9 WNW Elkton	19	1839CST 1840CST	0.1	100	0	0	150K		Tornado (F1)
The tornado skipped along the ground from Christian County into Todd County. This second touchdown occurred about a mile east of the Christian County touchdown. Along U.S. Highway 68 just inside Todd County, a garage and a small building were unroofed. Building debris was blown through a truck window. A piece of wood was impaled into a portable plastic tank. Numerous trees were blown down. This touchdown was about 1/8 mile long and 100 yards wide. Peak winds were estimated near 80 MPH.									

Storm Data and Unusual Weather Phenomena

May 2005

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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KENTUCKY, Southwest

Todd County

5 N Elkton	19	1856CST			0	0			Hail(1.25)
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Todd County

4.5 N Elkton	19	1904CST			0	0			Thunderstorm Wind (G56)
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Wind gusts were estimated near 65 MPH. Some tree damage was reported.

Todd County

7 N Elkton	19	1913CST			0	0			Funnel Cloud
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Christian County

5.8 NE Pembroke	19	2011CST			0	0			Hail(0.88)
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A supercell thunderstorm tracked east across northern Christian County and into Todd County. Trained spotters reported a long-lived funnel cloud associated with this storm, as well as large hail from nickel to half-dollar size. The funnel cloud reportedly skipped along the ground. Damage surveys indicated only a few brief touchdowns. Another severe thunderstorm followed quickly on the heels of the first, producing nickel-size hail on U.S. Highway 68 at the Christian/Todd County line.

Todd County

4 N Elkton to 3 S Elkton	19	2100CST 2200CST			0	0			Heavy Rain
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Many roads across the county were reported to be under water. The flooding was due to heavy rainfall from successive thunderstorms. Rainfall was anywhere from 2 to 4 inches during the evening. At the courthouse in Elkton, a total of 2.40 inches was measured in two hours. Street flooding occurred.

LAKE ERIE

LEZ163

Reno Beach to The Islands	13	1548EST 1715EST	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border		0	0			Marine Tstm Wind (G35)
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LEZ164

The Islands to Vermilion	13	1548EST 1715EST	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border		0	0			Marine Tstm Wind (G35)
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LEZ165

Vermilion to Avon Point	13	1548EST 1715EST	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border		0	0			Marine Tstm Wind (G35)
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LEZ143

Reno Beach to The Islands	13	1548EST 1715EST	Reno Beach To The Islands Oh		0	0			Marine Tstm Wind (G35)
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LEZ144

The Islands to Vermilion	13	1548EST 1715EST	The Islands To Vermilion Oh		0	0			Marine Tstm Wind (G35)
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LEZ145

Vermilion to Avon Point	13	1548EST 1715EST	Vermilion To Avon Point Oh		0	0			Marine Tstm Wind (G35)
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Strong to severe thunderstorms moved northeast across Lake Erie and produced wind gusts in excess of 35 knots.

LEZ41

Dunkirk	13	2211EST	Dunkirk To Buffalo Ny		0	0			Marine Tstm Wind (G36)
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LEZ40

Dunkirk	13	2211EST	Ripley To Dunkirk Ny		0	0			Marine Tstm Wind (G36)
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LEZ146

Avon Point to Willowick	27	1940EST 2015EST	Avon Point To Willowick Oh		0	0			Marine Tstm Wind (G35)
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LEZ145

Vermilion to Avon Point	27	1940EST 2015EST	Vermilion To Avon Point Oh		0	0			Marine Tstm Wind (G61)
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A strong thunderstorm moved east across Lake Erie and produced wind gusts in excess of 35 knots. A 61 knot gust was recorded at the Lorain Harbor Lighthouse.

Storm Data and Unusual Weather Phenomena

May 2005

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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LAKE ERIE

LEZ146	Avon Point To Willowick Oh								
Avon Point to Willowick	28	1256EST 1430EST			0	0			Marine Tstm Wind (G35)
LEZ166	Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border								
Avon Point to Willowick	28	1256EST 1430EST			0	0			Marine Tstm Wind (G35)
LEZ164	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border								
The Islands to Vermilion	28	1256EST 1430EST			0	0			Marine Tstm Wind (G35)
LEZ165	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border								
Vermilion to Avon Point	28	1256EST 1430EST			0	0			Marine Tstm Wind (G35)
LEZ143	Reno Beach To The Islands Oh								
The Islands	28	1256EST 1430EST			0	0			Marine Tstm Wind (G35)
LEZ144	The Islands To Vermilion Oh								
The Islands to Vermilion	28	1256EST 1430EST			0	0			Marine Tstm Wind (G35)
LEZ145	Vermilion To Avon Point Oh								
Vermilion to Avon Point	28	1256EST 1430EST			0	0			Marine Tstm Wind (G39)

Strong thunderstorms moved east across Lake Erie and produced wind gusts in excess of 35 knots. A 39 knot gust was measured at the Lorain Harbor Lighthouse.

LAKE MICHIGAN

LMZ741	Wilmette Hbr To Meigs Field II								
Harrison-Dever Crib	11	0600CST 0610CST			0	0			Marine Tstm Wind (G62)
									A gust to 62 knots (71 mph) was measured at the Harrison-Dever Crib.
LMZ745	Burn Hbr To Michigan City In								
Michigan City	11	0640CST 0645CST			0	0			Marine Tstm Wind (G41)
									A gust to 41 knots (47 mph) was measured at Michigan City.
LMZ646	Wind Pt Lt Wi To Winthrop Hbr II								
Kenosha	27	1825CST			0	0			Marine Tstm Wind (G43)
LMZ645	North Pt Lt To Wind Pt Wi								
Milwaukee Harbor	27	1900CST			0	0			Marine Tstm Wind (G38)

A cluster of thunderstorms, some with strong winds, moved out over the nearshore waters of southeast Wisconsin during the early evening hours on May 27th. Cold air aloft, an approaching mid-level short-wave trough, and cyclonic surface flow aided the thunderstorm development.

LAKE ST CLAIR

LCZ460	Lake St Clair (U.S. Portion)								
Grosse Pointe	13	1805EST			0	0			Marine Hail (1.00)
LCZ423	Detroit River								
Grosse Ile to Wyandotte	13	1840EST			0	0			Marine Hail (1.00)

LOUISIANA, Northeast

FranklinParish									
Jigger to Chase	28	1030CST 1035CST			0	0	25K		Thunderstorm Wind (G70)

Storm Data and Unusual Weather Phenomena

May 2005

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

LOUISIANA, Northeast

Severe thunderstorm winds caused significant damage to a mobile home in the Jigger Community. Additionally, the LSU Mesonet observing site measured a 60 MPH wind gust. This observing site is located in the Chase Community.

LOUISIANA, Northwest

UnionParish									
Marion	24	1845CST			0	0			Thunderstorm Wind (G55)
			Trees were downed.						
LincolnParish									
10 NE Ruston	24	1928CST			0	0			Hail(1.75)
			Hail fell at the intersection of Hwy 145 and Hwy 21.						
OuachitaParish									
15 W Monroe	24	1945CST			0	0			Hail(0.75)
			Hail fell in Calhoun.						
UnionParish									
10 N Farmerville	24	1950CST			0	0			Thunderstorm Wind (G55)
			Trees were downed.						
UnionParish									
Farmerville	24	2030CST			0	0			Hail(0.88)

LOUISIANA, Southeast

LivingstonParish									
3 N Watson	09	1325CST			0	0			Funnel Cloud
AscensionParish									
Gonzales	28	1600CST			0	0	200K		Thunderstorm Wind (G60)
			Thunderstorm winds knocked down trees and severely damaged the bleachers at a East Ascension High School's Spartan Stadium.						
LivingstonParish									
Weiss	29	1030CST			0	0	1.5K		Thunderstorm Wind (G50)
			Several trees were blown down.						
WashingtonParish									
Mt Hermon	29	1045CST			0	0	2.5K		Thunderstorm Wind (G50)
			Thunderstorm winds blew the roof off of a barn and knocked down trees.						
WashingtonParish									
1 N Bogalusa	29	1050CST			0	0	1.5K		Thunderstorm Wind (G50)
			Thunderstorm winds snapped trees which damaged the roof of a house.						
East Baton RougeParish									
Baton Rouge	29	1330CST			0	0			Lightning
			Lightning struck a house causing a small attic fire and minor damage to the roof.						
St. CharlesParish									
5 NE Destrehan	29	1408CST			0	0			Funnel Cloud
LivingstonParish									
Livingston	29	1450CST			0	0			Hail(0.88)
St. TammanyParish									
Southeast Portion	29	1620CST 2100CST			0	0			Flash Flood

Heavy rainfall of 2 to 4 inches within a few hours time caused extensive flooding of roadways in southeast St. Tammany Parish. A few homes experienced minor flooding in the Slidell area.

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>LOUISIANA, Southeast</u>									
TangipahoaParish									
Kentwood	29	1830CST			0	0	2.5K		Thunderstorm Wind (G50)
									Several trees were blown down. One tree damaged the roof of a house when it fell.
Pointe CoupeeParish									
Lettsworth	30	0115CST			0	0	1K		Thunderstorm Wind (G50)
									A few trees were blown down on Highway 1.
East FelicianaParish									
1 S Jackson	30	0211CST			0	0	1K		Thunderstorm Wind (G50)
									A few trees were blown down along Highway 68.
OrleansParish									
New Orleans	30	0630CST			0	0			Lightning
									Lightning struck a tree in Lake Vista sending fragments of wood into the air and into several area homes causing minor damage to some residences.
<u>LOUISIANA, Southwest</u>									
AvoyellesParish									
Simmesport	09	1718CST			0	0			Hail(0.88)
BeauregardParish									
5 S Merryville	25	1919CST			0	0	2K		Thunderstorm Wind (G50)
									Several trees were blown down.
CalcasieuParish									
Vinton	25	1924CST			0	0	2K		Thunderstorm Wind (G50)
									Several telephone poles were blown down.
VernonParish									
New Llano	29	2040CST			0	0	2K		Thunderstorm Wind (G50)
									A few trees were blown down.
VernonParish									
New Llano	29	2040CST			0	0			Hail(0.88)
CalcasieuParish									
Vinton	29	2225CST			0	0			Thunderstorm Wind (G50)
									Vinton police reported winds estimated near 60 mph.
CalcasieuParish									
5 S Sulphur	29	2230CST			0	0			Hail(1.75)
CalcasieuParish									
2 W Lake Charles	29	2245CST			0	0	2K		Thunderstorm Wind (G50)
									Two large trees were blown down near the mall.
Jefferson DavisParish									
2 SW Elton	29	2315CST			0	0	25K		Thunderstorm Wind (G50)
									Trees and power lines were blown down. A barn was blown down.
AllenParish									
Kinder	29	2350CST			0	0	2K		Thunderstorm Wind (G50)
									Many trees were blown down.
St. LandryParish									
Eunice	30	0000CST			0	0	5K		Thunderstorm Wind (G50)
									Many trees and power lines were blown down.
EvangelineParish									
Ville Platte	30	0034CST			0	0	5K		Thunderstorm Wind (G50)
									Trees and power lines were blown around the area.

Storm Data and Unusual Weather Phenomena

May 2005

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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MAINE, North

MEZ001>006-010>011-015>017-029>032 Northwest Aroostook - Northeast Aroostook - Northern Somerset - Northern Piscataquis - Northern Penobscot - Southeast Aroostook - Central Piscataquis - Central Penobscot - Southern Penobscot - Interior Hancock - Central Washington - Coastal Hancock - Coastal Washington - Southern Piscataquis - Northern Washington

01	0000EST 1300EST	0	0					Flood
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River and stream levels continued to fall during the morning hours...following a flood event which had developed in late April. Rivers and streams were falling...or had already fallen...back below flood stage in most areas during the early afternoon with only some lingering spillover onto low lying agricultural lands still remaining. Flood impacts from this event were included with the April monthly report.

MEZ030

Coastal Washington

07	1600EST	0	0					High Wind (G56)
08	0300EST							

Low pressure lifting north along the coast toward the Gulf of Maine brought strong gusty winds to the region. The strongest winds generally occurred across the coastal islands and along the immediate coast. Peak wind gusts included 65 mph at Cutler...59 mph at West Quoddy and 58 mph at Lubec.

MEZ029>030

Coastal Hancock - Coastal Washington

22	0230EST 1200EST	0	0					High Wind (G60)
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An intense late spring ocean storm brought strong gusty winds to the region. The strongest winds generally occurred across the coastal islands and along the immediate coast. Wind gusts in excess of 65 mph were reported...with a peak gust of nearly 70 mph at Cutler. The winds snapped large tree branches and contributed to power outages.

MEZ029>030

Coastal Hancock - Coastal Washington

23	1200EST 2200EST	0	0					High Wind (G56)
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An intense spring ocean storm continued to affect the region...bringing more strong gusty winds. Peak wind gusts of around 65 mph were reported...with the strongest winds generally occurring across the coastal islands and along the immediate coast. Large branches were snapped and several trees were toppled...contributing to power outages. Several thousand customers lost power at various times during this event. The winds also caused a lobster boat to break its moorings at Stonington Harbor...the boat was not damaged while drifting through the harbor.

MAINE, South

MEZ024

Coastal Cumberland

01	0115EST 1700EST	0	0	0	0			Flood
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Low pressure moved from the Ohio River Valley into southern Canada April 30th, producing about 1 inch of rain and causing minor flooding on the Presumpscot river on May 1st. The river was above the 15 ft flood stage in Westbrook from 2:15 am until 1:00 pm, reaching a crest of 15.41 feet at 8:30 am.

MEZ023

Coastal York

07	2200EST 2300EST	0	0	50K	0			Storm Surge
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A late season Nor'easter developed off the Mid Atlantic coast Saturday, May 7th. It intensified and then slowly crossed the southern New England coastal waters early on May 8th. A prolonged north-northeasterly gale developed over the Gulf of Maine. Minor coastal flooding occurred in the Camp Ellis area of Saco due to large ocean waves. The tide gage in Portland Harbor measured a tide of 11.5 feet which was short of the 12 foot flood stage.

Storm Data and Unusual Weather Phenomena

May 2005

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

MAINE, South

MEZ023>024 Coastal York - Coastal Cumberland
23 2000EST 0 0 **200K** **High Wind (G52)**
2330EST

MEZ023>024 Coastal York - Coastal Cumberland
23 2153EST 0 0 **1.0M** **0 Storm Surge**
2259EST

On May 23rd, a strong coastal low pressure system developed just off the Maine coast. High astronomical tides combined with strong northeast winds and large ocean waves to produce wind damage, coastal flooding and beach erosion. The tide gauge in Portland harbor reached 12.2 feet which was slightly above the 12.0 foot flood stage. Coastal flooding occurred in both York and Cumberland Counties, with a significant flood inundation in the Camp Ellis area. Damage to public and private property was estimated to be about a million dollars. Shore road in Saco was washed away. Gooch's Beach in Kennebec had its seawall damaged. In addition in York County, numerous trees were blown down causing power outages affecting 15 to 20 thousand people. In Portland, several yachts were sunk and docks were damaged at a local marina due to the wind and waves. A 47 foot Coast Guard boat ran aground in Casco Bay while attempting to rescue people on a sailboat. A spotter in Pebbles Cove in Cape Elizabeth reported a wind gust of 62 mph.

MEZ024 Coastal Cumberland
24 2300EST 0 0 **5K** **0 Storm Surge**
2330EST

The second in a series of four late season storms developed off the New England coastline on Tuesday, May 24th. High astronomical tides combined with strong northeasterly winds and large ocean waves to produce coastal flooding and beach erosion. The tide gauge in Portland Harbor reached 12.5 feet, which was a half foot above its 12.0 foot flood stage.

MEZ023>024 Coastal York - Coastal Cumberland
25 2300EST 0 0 **100K** **0 Storm Surge**
26 0200EST

The third in a series of four late season storms developed off the New England coast on Wednesday, May 25th. High astronomical tides combined with strong northeasterly winds and large ocean waves to produce coastal flooding and beach erosion. The tide gauge in Portland Harbor reached 12.6 feet, which was a 0.6 feet above its 12.0 foot flood stage. Coastal flooding occurred along the coast in Cumberland and York Counties.

MEZ008>009-013>014-021>022-028 Northern Franklin - Central Somerset - Southern Franklin - Southern Somerset - Kennebec - Interior Waldo - Coastal Waldo
26 1300EST 0 0 **275K** **0 Flood**
29 0500EST

A series of late season storms developed of the coast beginning on the of May 21st. These storms were very slow moving and produced several inches of rain in Maine from the 21st through the end of the month. Rainfall ranged from 2 to 4 inches during this time period with a few locations receiving over 5 inches. Already swollen rivers and streams responded quickly and once again flooded due to the additional rainfall. River and stream flooding began on the 24th of May and lasted until the 29th. Many roads were closed due to washouts from intense runoff as well as rising rivers and streams.

The Presumpscot River at Westbrook rose above the 15 foot flood stage at 9:45 pm on the 24th and remained above flood stage until 6:30 pm on the 27th, reaching a crest of 19.97 feet at 9:30 pm on the 26th.

The Carrabassett River at North Anson was above the 15 foot flood stage from 10:45 pm on the 26th to 6:15 am on the 27th and reached a crest of 16.11 feet at 1:30 am on the 27th.

The Kennebec River at Skowhegan went above the flood flow of 35,000 cfs at 7:00 pm on the 26th and fell below flood flow at 6:00 am on the 29th, cresting at 61,914 cfs at 4:00 pm on the 27th. The Kennebec River at North Sydney rose above the flood stage of 17 feet at 2:15 am on the 27th and dropped below flood stage at 6:15 pm on the 28th with a crest of 20.94 feet at 4:45 pm on the 27th. The Kennebec River at Augusta was above the flood stage of 13 feet from 3:15 am on the 27th to 12:15 am on the 29th, reaching a crest of 17.40 feet at 7:45 pm on the 27th.

MEZ024 Coastal Cumberland
27 0030EST 0 0 **0** **0 Storm Surge**
0130EST

The fourth in a series of late season storms developed off the New England coast on Wednesday, May 26th. High astronomical tides combined with strong northeasterly winds and large ocean waves to produce coastal flooding and beach erosion. The tide gauge in Portland Harbor reached 12.1 feet, which was a 0.1 feet above its 12.0 foot flood stage.

Storm Data and Unusual Weather Phenomena

May 2005

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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MARYLAND, Central

Washington County

Boonsboro	14	1630EST 1636EST			0	0	12K		Thunderstorm Wind (G62)
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Trees downed on houses.

Prince George'S County

Landover	14	1810EST 1814EST			0	0			Thunderstorm Wind (G78)
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Estimated wind gust by broadcast media.

Prince George'S County

Andrews Afb	14	1837EST 1840EST			0	0			Thunderstorm Wind (G67)
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Official observation of wind gust at Andrews Airforce Base.

Prince George'S County

Camp Spgs	14	1840EST 1844EST			0	0	1.5K		Hail(0.01)
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Prince George'S County

Andrews Afb	14	1845EST 1849EST			0	0	3K		Hail(0.01)
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Prince George'S County

Camp Spgs	14	2020EST 2024EST			0	0	1K		Hail(0.01)
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Prince George'S County

Mitchellville	14	2045EST 2050EST			0	0	1.5K		Hail(0.01)
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A strong cold front moved from the central Appalachians to the mid-Atlantic region during the period. Very strong instability and high moisture levels contributed to an outbreak of severe weather. Damaging wind gusts occurred in some locations, as well as a few reports of large hail.

Baltimore County

Parkton	28	1420EST 1425EST			0	0			Thunderstorm Wind (G58)
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Trees down.

A gusty cold front moved across the mid-Atlantic region on May 28, 2005. This system caused a few strong thunderstorms and strong gusty winds, with isolated reports of wind damage.

MARYLAND, Northeast

Queen Anne'S County

Dominion	14	1833EST			0	0			Thunderstorm Wind (G52)
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A severe thunderstorm knocked down a couple of trees in Dominion.

Queen Anne'S County

Centreville	14	1908EST			0	0			Thunderstorm Wind (G50)
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The second severe thunderstorm of the evening knocked down a couple of trees and wires from Centreville south toward the Talbot County border.

Talbot County

St Michaels	14	2032EST			0	0			Hail(0.88)
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Caroline County

Countywide	20	0200EST 1400EST			0	0			Heavy Rain
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Queen Anne'S County

Countywide	20	0200EST 1400EST			0	0			Heavy Rain
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Talbot County

Countywide	20	0200EST 1400EST			0	0			Heavy Rain
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Heavy rain fell across southern sections of the Maryland Eastern Shore mainly between 3 a.m. EDT and 3 p.m. EDT on the 20th. Rain began falling just before Midnight EDT on the 20th and ended between 4 p.m. and 5 p.m. EDT on the 20th. Storm totals

Storm Data and Unusual Weather Phenomena

May 2005

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

MICHIGAN, East

Wayne County

Riverview	13	1840EST			0	0			Hail(1.00)
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Tuscola County

1 S Caro	29	1516EST 1526EST			0	0			Hail(0.88)
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MICHIGAN, Extreme Southwest

Branch County

Coldwater	13	1605EST			0	0	10K		Thunderstorm Wind (G55)
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Semi truck blown over in Coldwater. Numerous trees and power lines down throughout the county as well.

Hillsdale County

10 E Litchfield	13	1635EST			0	0			Hail(0.75)
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Hillsdale County

Countywide	13	1640EST 1700EST			0	0			Thunderstorm Wind (G55)
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Reports of numerous trees and power lines reported down throughout the county.

MICHIGAN, North

Cheboygan County

2 E Wolverine	28	1330EST			0	0			Hail(0.75)
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A number of thunderstorms in northern Michigan produced hail on the 28th. Only one produced severe-criteria hail, with dime-sized hailstones reported near Wolverine. Some storms were prolific hail producers, even if they weren't severe. Pea sized hail accumulated one to two inches deep near Posen, and two to three inches deep along US-131 northeast of Alba.

MICHIGAN, Upper

Dickinson County

3 NE Randville	09	1645EST			0	0			Thunderstorm Wind (G55)
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Six-inch diameter tree snapped off.

Marquette County

1 S Ishpeming	09	1735EST			0	0			Hail(1.00)
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Three-quarter inch hail also reported.

Dickinson County

Felch	27	1930EST			0	0			Hail(0.75)
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MICHIGAN, West

MINNESOTA, Central and South Central

Renville County

Danube	05	1433CST			0	0			Hail(0.75)
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Nicollet County

6 NW St George	05	1650CST			0	0			Hail(0.75)
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Renville County

6 SE Fairfax	05	1650CST			0	0			Hail(0.75)
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Dime sized hail fell in Carro Township.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>MINNESOTA, Central and South Central</u>									
Nicollet County									
Lafayette	05	1714CST			0	0			Hail(0.75)
Brown County									
2 N Springfield	05	1805CST			0	0			Hail(0.75)
Stevens County									
5 SSW Alberta	07	2103CST			0	0			Thunderstorm Wind (G52) Pine trees up to 70 feet tall were downed. Tin and shingles were blown off a building.
Stevens County									
2 S Donnelly	07	2107CST			0	0			Funnel Cloud A funnel cloud was spotted by the fire department just south of Donnelly.
Stevens County									
2 S Donnelly	07	2107CST			0	0			Thunderstorm Wind (G56) A 10'x12' garage was blown one quarter mile by high winds.
Stevens County									
1 S Donnelly to Donnelly	07	2107CST			0	0			Thunderstorm Wind (G52) An old garage was downed. A few shingles were removed from buildings and pallets were blown 50 feet in Donnelly.
Pope County									
7 S Cyrus	07	2135CST			0	0			Funnel Cloud The public reported a funnel cloud 3 miles east of Hancock.
Martin County									
Countywide	08	1630CST 1830CST			0	0			Heavy Rain Heavy downpours flooded small creeks and low lying farm fields.
Redwood County									
Walnut Grove	08	1713CST			0	0			Hail(1.00)
Nicollet County									
North Mankato	08	1747CST 1753CST			0	0			Thunderstorm Wind (G51) A wind gust of 59 MPH was recorded by a spotter just outside of town. Small trees were downed in the vicinity.
Faribault County									
4 E Brush Creek	08	1751CST			0	0			Hail(0.75)
Nicollet County									
North Mankato	08	1753CST			0	0			Hail(0.75) A trained spotter reported penny sized hail.
Lac Qui Parle County									
Boyd	08	1800CST			0	0			Hail(0.88) A deputy sheriff reported nickel sized hail.
Lac Qui Parle County									
Dawson	08	1800CST			0	0			Hail(1.00) A deputy sheriff reported quarter sized hail.
Lac Qui Parle County									
5 E Nassau to Nassau	08	1811CST			0	0			Hail(1.00)
Lac Qui Parle County									
2 NNW Haydenville to 1 S Bellingham	08	1815CST 1830CST			0	0			Hail(2.00) Hail up to 2 inches in diameter fell in a band beginning 2 miles north and ½ mile west of Haydenville and continued northeast for 5 miles to just south of Bellingham. A storm chaser just south of Bellingham said that the 2 inch diameter hail covered the road. Storm chasers also reported 1.75 inch diameter hail 3 miles south of Bellingham and 1.50 inch diameter hail in Bellingham.
Lac Qui Parle County									
2 NW Haydenville	08	1820CST 1821CST	0.1	20	0	0			Tornado (F0)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MINNESOTA, Central and South Central</u>									
A storm chaser videotaped a brief touchdown of a weak tornado in an open field. This tornado was also witnessed by law enforcement.									
McLeod County 3 SW Glencoe	08	1820CST			0	0	70K		Thunderstorm Wind (G70)
The roof of a pole barn (228'x70') was blown off and tossed southeast of the structure.									
McLeod County Glencoe	08	1828CST			0	0			Thunderstorm Wind (G52)
A medium sized tree was downed in addition to a few branches. The downed tree broke a window.									
Lac Qui Parle County 3 S Bellingham	08	1831CST 1832CST	0.1	25	0	0			Tornado (F0)
A storm chaser videotaped a brief touchdown of a weak tornado in an open field.									
Rice County 1 E Morrystown to 1 S Shieldsville	08	1835CST 1840CST			0	0			Thunderstorm Wind (G50)
Scattered trees were downed.									
Rice County 8 S Shieldsville	08	1835CST			0	0			Hail(0.75)
A deputy sheriff reported penny sized hail.									
Rice County Shieldsville to 1 E Shieldsville	08	1840CST 1844CST	1	25	0	0			Tornado (F0)
A tornado touched down on Highway 21 just west of Mazaska Lake. It knocked over several dozen trees then started crossing the lake at a boat ramp. It tracked for one mile and dissipated just as it got to shore, where it knocked down one more tree. The tornado was witnessed by two Sheriff's Department water patrol officers.									
Scott County New Prague	08	1858CST			0	0			Thunderstorm Wind (G55)
A trailer was tipped over. A 6'x10'x4' air conditioning unit on top of a grocery store was rolled along the roof. A tree and picnic table at a nearby gas station was damaged and a sign on another store was blown off.									
Scott County Prior Lake	08	1904CST			0	0			Thunderstorm Wind (G50)
Six inch branches were downed.									
Rice County 1 N Northfield	08	1909CST			0	0			Funnel Cloud
An ambulance driver reported a funnel cloud at the Rice and Dakota County line.									
Pope County Terrace to 2 NE Terrace	08	1924CST			0	0			Hail(0.75)
Dakota County 2 N Hampton	08	1930CST			0	0			Funnel Cloud
Spotters reported a funnel cloud near Highway 52 via HAM radio.									
Faribault County Countywide	12 13	2100CST 0500CST			0	0			Heavy Rain
A total of 2.63 inches of rain fell in Winnebago. Radar rainfall estimates as high as 3 to 4 inches were noted across extreme northwest and north central Faribault County.									
MNZ083-091	Blue Earth - Martin								
	12 13	2100CST 0500CST			0	0			Flood
Minor street flooding was reported in Amboy where a total of 4.02 inches of rain was recorded. A large area of southern Blue Earth County had radar rainfall estimates between 3 and 4 inches.									
Waseca County Countywide	12 13	2100CST 0500CST			0	0			Heavy Rain

Storm Data and Unusual Weather Phenomena

May 2005

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

A total of 2.48 inches of rain was recorded in Waseca. Rainfall estimates as high as 3 inches were noted in the southwestern portion of the county.

Stevens County

3 S Donnelly	18	1745CST 1746CST	0.1	30	0	0			Tornado (F0)
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A farmer saw a "block wide" tornado briefly touch down and pick up dirt in an open field in Pepperton Township, Section 14.

Swift County

11 S Benson	18	1758CST			0	0			Funnel Cloud
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A funnel cloud was reported by a Sheriff's deputy 4 miles north of the Chippewa/Swift County line south of Benson.

Swift County

7 S Benson	18	1803CST 1805CST	0.1	25	0	0			Tornado (F0)
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Two Sheriff's deputies saw a tornado pick up debris near Highway 29.

Swift County

7 S Benson	18	1810CST			0	0			Hail(0.75)
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Chippewa County

10 N Clara City	18	1828CST 1830CST	0.3	25	0	0			Tornado (F0)
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A tornado was reported by a storm chaser on the ground for 1 1/2 minutes just south of the intersection of County Road 3 and the Swift/Chippewa County border, about 4 miles south of Murdock.

Blue Earth County

Mankato	26	1355CST			0	0			Thunderstorm Wind (G54)
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A trained spotter recorded a wind gust of 62 MPH at the intersection of River Front and Main.

Freeborn County

10 S Albert Lea	26	1400CST			0	0			Thunderstorm Wind (G59)
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A MNDOT road weather sensor recorded a wind gust of 68 MPH.

MINNESOTA, Northeast

St. Louis County

15 S Hoyt Lakes	05	1236CST			0	0			Hail(1.75)
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Koochiching County

Ranier	05	1720CST			0	0			Hail(1.75)
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St. Louis County

18 SW Cook	05	1852CST			0	0			Hail(1.00)
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MINNESOTA, Northwest

Lake Of The Woods County

Baudette	05	1238CST			0	0			Hail(0.75)
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Lake Of The Woods County

Baudette	05	1240CST 1241CST	0.2	25	0	0	5K		Tornado (F0)
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A tin roof was blown off a carport on the eastern side of Baudette. Minor shingle and tree damage also occurred along a two block path. Wind speeds were estimated to be around 60 mph.

Lake Of The Woods County

Carp	05	1420CST			0	0			Hail(1.00)
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Lake Of The Woods County

2 ENE Carp	05	1440CST			0	0			Hail(2.00)
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Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops
<u>MINNESOTA, Northwest</u>								
The large hail dented the roof of a metal shed and broke a window.								
Lake Of The Woods County								
3 ESE Carp to 8 ESE Carp	05	1445CST 1500CST	5	25	0	0		
								Tornado (F0)
Intermittent tree damage occurred along the tornado path.								
Wilkin County								
4 NE Brushvale	07	2130CST			0	0		
								Hail(0.75)
Grant County								
Wendell	07	2135CST			0	0		
								Thunderstorm Wind (G65)
Trees and power lines were blown down and a garage was damaged.								
Polk County								
Crookston	08	1727CST			0	0		
								Hail(0.75)
Polk County								
East Grand Forks	08	1736CST			0	0		
								Hail(1.25)
Polk County								
East Grand Forks	08	1747CST			0	0		
								Hail(0.88)
Polk County								
East Grand Forks	08	1751CST			0	0		
								Hail(1.00)
Marshall County								
13 E Middle River	08	1800CST			0	0		
								Hail(0.75)
Pennington County								
5 WSW Mavie	08	1800CST			0	0		
								Hail(0.75)
Roseau County								
2 NE Skime	08	1800CST			0	0		
								Hail(0.75)
Polk County								
2 NW Euclid	08	1805CST			0	0		
								Hail(0.75)
Red Lake County								
6 NW Plummer	08	1825CST			0	0		
								Hail(1.00)
Pennington County								
5 WNW St Hilaire	08	1850CST			0	0		
								Hail(0.75)
Marshall County								
7 NW Gatzke	08	1900CST			0	0		
								Hail(0.88)
Red Lake County								
1 N Huot	08	1910CST			0	0		
								Hail(0.75)
Pennington County								
7 SW High Lndg	08	2030CST			0	0		
								Hail(0.75)
Pennington County								
5 SE Thief River Falls	08	2045CST			0	0		
								Hail(0.75)
Pennington County								
5 WSW Mavie	08	2055CST			0	0		
								Hail(0.75)
Grant County								
4 W Ashby	08	2145CST			0	0		
								Thunderstorm Wind (G70)
A steel grain bin was blown off its foundation and onto a pole shed. The pole shed was knocked down and some machinery inside it was damaged.								
Becker County								
1 SE Detroit Lakes	08	2150CST			0	0		
								Hail(1.00)
The hail covered a deck.								
Clearwater County								
8 N Bagley	08	2230CST			0	0		
								Thunderstorm Wind (G65)

Storm Data and Unusual Weather Phenomena

May 2005

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, Northwest

Large spruce trees were snapped off by the strong wind.

Beltrami County									
2 N Bemidji	08	2310CST			0	0			Thunderstorm Wind (G52)
Polk County									
Fisher	20	1620CST			0	0			Hail(1.00)
Polk County									
Fisher	20	1620CST			0	0			Hail(1.75)
Polk County									
Crookston	20	1633CST			0	0			Hail(1.00)
Polk County									
4 SE Fisher	20	1635CST			0	0			Hail(1.25)
Polk County									
6 N Crookston	21	1418CST 1419CST	0.3	75	0	0	10K		Tornado (F2)

A tornado touched down north of Crookston, and created a west-to-east damage path. The tornado hit a well-constructed pole barn and then travelled into an open field. Several large trees were snapped in half. The estimated peak wind speed was 140 mph.

Polk County									
8 NNW Gentilly	21	1435CST			0	0			Funnel Cloud
Norman County									
Twin Vly	21	1458CST			0	0			Funnel Cloud
Becker County									
4 SW Lake Park to 3 SW Detroit Lakes	21	1510CST 1535CST			0	0			Funnel Cloud

A wall cloud with pendant funnel was observed for about 25 minutes.

Becker County									
3 E Detroit Lakes	21	1540CST			0	0			Thunderstorm Wind (G65)
MNZ001>002-004-007									
West Polk - Norman - Kittson - West Marshall									
	21	2000CST			0	0			High Wind (G54)
	22	1300CST							

A low pressure system travelled from near Winnipeg, Manitoba, into northwest Minnesota. A cold front trailing behind this system brought a period of very strong wind speeds to a portion of the Devils Lake region and the northern Red River Valley. The highest measured wind gusts were pretty uniform, around 60 mph. Some roof damage was reported.

MINNESOTA, Southeast

Fillmore County									
6 SW York	26	1709CST			0	0			Hail(1.00)

Hail the size of quarters was reported by a storm spotter near the Minnesota Iowa border.

MINNESOTA, Southwest

Nobles County									
4 NW Adrian	06	2315CST			0	0			Hail(0.88)
Rock County									
3 NW Luverne	06	2315CST			0	0			Hail(0.75)
Rock County									
Luverne	07	0123CST			0	0			Hail(0.88)

Large hail covered the ground.

Jackson County									
7 W Jackson	08	1610CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>MINNESOTA, Southwest</u>									
Jackson County 15 SW Lakefield	08	1617CST			0	0			Hail(0.75)
Nobles County 2 NW Brewster	08	1630CST			0	0			Hail(0.88)
Jackson County 6 W Okabena	08	1630CST			0	0			Hail(0.88)
Murray County 7 NE Dovray	08	1703CST			0	0			Hail(1.00)
Cottonwood County 8 N Westbrook	08	1704CST			0	0			Hail(0.88)
Rock County 4 SW Hills	08	1733CST			0	0			Hail(1.00)
Lyon County 6 SW Minneota	08	1810CST			0	0			Hail(0.88)
Jackson County Lakefield	08	2020CST 2255CST			0	0			Flash Flood
			Heavy rain caused widespread street flooding in Lakefield.						
Jackson County 12 S Lakefield	10	2141CST			0	0			Hail(1.00)
Jackson County 1 S Jackson	12 13	2330CST 0030CST			0	0			Flash Flood
			Heavy rain caused a mudslide on Jackson County Road 23, with water and mud up to three feet deep.						
<u>MINNESOTA, West</u>									
<u>MINNESOTA, West Central</u>									
Big Stone County 3 NE Odessa	08	1842CST			0	0			Hail(0.88)
<u>MISSISSIPPI, Central</u>									
Warren County 7 S Vicksburg	09	1435CST			0	0			Hail(0.75)
Warren County Vicksburg	09	1528CST			0	0			Hail(0.88)
Sharkey County Cary	09	1640CST			0	0			Hail(0.88)
Issaquena County Valley Park	09	1713CST 1715CST			0	0			Hail(1.00)
Franklin County 1 E Meadville to 3 NE Meadville	14	1623CST 1628CST			0	0	10K		Hail(1.75)
Leflore County 2 S Itta Bena	14	1725CST 1730CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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

Nickel to quarter size hail fell around Itta Bena.

Copiah County

Wesson	14	1730CST 1830CST			0	0	300K		Flash Flood
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Locally heavy rainfall caused several homes to flood on Southern Street.

Leflore County

2 SW Itta Bena to Itta Bena	14	1735CST 1742CST			0	0	80K		Thunderstorm Wind (G67)
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Shingles were blown off a couple of homes and a few storage sheds were destroyed. Additionally, a few power lines were blown down and a tree fell on a vehicle in the city of Itta Bena.

Oktibbeha County

2 SE Maben to 4 SE Maben	14	1805CST 1810CST			0	0			Hail(0.88)
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Clay County

4 N West Pt	20	1610CST			0	0	5K		Thunderstorm Wind (G53)
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A tree and a power line was blown down.

Lowndes County

Columbus	20	1620CST			0	0	15K		Thunderstorm Wind (G55)
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Several trees and some power lines were blown down around Columbus.

Winston County

3 SSW Noxapater to 4.5 SSW Noxapater	20	1700CST 1702CST			0	0			Hail(0.75)
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Neshoba County

.5 N Stallo to 8 SE Philadelphia	20	1702CST 1740CST			0	0			Hail(0.75)
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A swath of penny sized hail occurred from near the Stallo Community south-southeastward to near Tucker.

Attala County

Sallis	20	1720CST			0	0			Hail(0.88)
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Attala County

Sallis to 3 E Sallis	20	1720CST			0	0	100K		Thunderstorm Wind (G60)
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Two homes were damaged in the Sallis Community when large trees fell on them. Additionally, several trees and a few power lines were blown down all around the area and along a 3 mile stretch of Highway 12.

Yazoo County

5 W Yazoo City	20	1835CST			0	0	3K		Thunderstorm Wind (G55)
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Several trees were blown down along Highway 49W.

Lauderdale County

2 SE Whynot	20	1840CST			0	0	15K		Thunderstorm Wind (G60)
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Several trees and power poles were blown down.

Madison County

5 NE Madison	20	1845CST			0	0	150K		Thunderstorm Wind (G75)
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An intense downburst occurred in Eastern Madison county and snapped or uprooted over 100 oak trees. Several of the fallen trees and large limbs injured some horses.

Madison County

Ridgeland	20	1912CST			0	0	1K		Thunderstorm Wind (G50)
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Five trees and several large limbs were blown down along Rice Road.

Rankin County

Langford to Whites	20	1914CST 2012CST			0	0	2M		Thunderstorm Wind (G75)
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An intense and long duration downburst event occurred across a large part of Rankin county during the evening of May 20th. Damage began north of Brandon, near the Langford Community, and continued south-southwest along a path through Flowood, Pearl, Richland, Whitfield, Florence, Cleary and Whites. This damage path was nearly 25 miles long and some 7 miles wide. All within the damage swath, several hundred trees were uprooted, snapped or partially broken off. Many trees took down power lines and fell on homes. Many roads were blocked by downed trees and debris as well as having many large and small street and highway signs blown down. Many homes sustained damage to roofs or had sheds/porches blown down.

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSISSIPPI, Central</u>									
Yazoo County									
Yazoo City	20	1915CST			0	0	15K		Thunderstorm Wind (G53)
Several trees and power lines were blown down.									
Rankin County									
Brandon to Florence	20	1920CST 1950CST			0	0			Hail(0.88)
In addition to the large downburst that occurred across Rankin county, the storm produced a swath of penny to nickel sized hail from Brandon to Pearl to Florence.									
Hinds County									
1 N Brownsville	20	1933CST			0	0			Thunderstorm Wind (G50)
Clarke County									
5 E Quitman	20	1936CST			0	0	10K		Thunderstorm Wind (G55)
Trees and power lines were blown down just off Highway 511.									
Jasper County									
4 E Heidelberg	20	1936CST			0	0	1K		Thunderstorm Wind (G53)
A few trees were blown down.									
Clarke County									
5 E Quitman	20	1954CST			0	0			Hail(1.00)
Jones County									
Sandersville	20	2000CST			0	0	10K		Thunderstorm Wind (G55)
Several trees were blown down with a few blocking roads.									
Simpson County									
Harrisville	20	2015CST			0	0			Hail(0.75)
Rankin County									
3 NE Florence	20	2016CST 2045CST			0	0	2K		Flash Flood
A portion of the road was flooded at Highway 469 and Williams Road.									
Copiah County									
Crystal Spgs	20	2020CST			0	0	1K		Thunderstorm Wind (G50)
A few trees were blown down.									
Hinds County									
Utica to 3 S Utica	20	2042CST 2045CST			0	0	40K		Thunderstorm Wind (G60)
Numerous trees were blown down.									
Copiah County									
4 NW Dentville	20	2050CST			0	0	1K		Thunderstorm Wind (G50)
A few trees were blown down.									
Lincoln County									
5 NW Brookhaven	20	2148CST			0	0	5K		Thunderstorm Wind (G55)
Several trees were blown down across Highway 550.									
Warren County									
9 SE Vicksburg	24	1400CST			0	0			Hail(0.88)
Nickel sized hail fell along Highway 27 southeast of Vicksburg									
Claiborne County									
2 N Port Gibson	24	1415CST			0	0	4K		Thunderstorm Wind (G55)
Several trees were uprooted along US Highway 61 just north of Port Gibson.									
Hinds County									
2 SW Bolton	24	1440CST			0	0			Thunderstorm Wind (G50)
Two trees were blown down.									
Hinds County									
2 SE Pocahontas to 3 E Pocahontas	24	1445CST 1450CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>MISSISSIPPI, Central</u>									
Hinds County									
7 SSW Raymond to 3 NE Terry	24	1445CST 1510CST			0	0	300K		Thunderstorm Wind (G65)
A large downburst event occurred across a large portion of Central and Southeast Hinds county during the afternoon of May 24th. The swath of wind damage occurred from 7 miles south-southwest of Raymond to near Raymond and eastward to Byram and Terry. Within this large area a few hundred trees and numerous power lines were blown down. Many area roads were blocked by fallen trees and power lines.									
Madison County									
7 W Madison to 5 W Madison	24	1450CST 1454CST			0	0			Hail(0.88)
Nickel sized hail occurred around the Lake Lorman area.									
Hinds County									
Terry	24	1503CST			0	0			Hail(0.75)
Jefferson County									
9 N Fayette	24	1505CST			0	0			Hail(0.75)
Copiah County									
2 WNW Crystal Spgs	24	1515CST			0	0	5K		Thunderstorm Wind (G55)
Several trees and numerous large limbs were blown down along Highway 27 near Crystal Springs.									
Claiborne County									
Port Gibson	24	1520CST 1630CST			0	0	50K		Flash Flood
Heavy rains caused many area roads to be covered with water.									
Madison County									
4 W Madison to 2 SW Madison	24	1545CST 1550CST			0	0			Hail(0.88)
Rankin County									
3 W Fannin	24	1600CST			0	0			Thunderstorm Wind (G50)
Two trees were blown down.									
Rankin County									
Pelahatchie	24	1615CST			0	0			Thunderstorm Wind (G50)
A couple of trees were blown down.									
Sharkey County									
Rolling Fork	24	1615CST 1620CST			0	0	100K		Hail(1.00)
Quarter sized hail fell around Rolling Fork and damaged several vehicles.									
Smith County									
5 N Raleigh to 8 N Raleigh	24	1629CST 1633CST			0	0	10K		Thunderstorm Wind (G55)
Several trees were blown down north of Raleigh along Highway 35.									
Hinds County									
Clinton	24	1733CST			0	0			Hail(0.88)
Jefferson County									
6 NW Fayette	24	2020CST			0	0			Thunderstorm Wind (G50)
Numerous large limbs were blown down along the Natchez Trace.									
Warren County									
10 SSE Vicksburg to 5 E Vicksburg	29	1127CST 1133CST			0	0	40K		Thunderstorm Wind (G60)
A swath of wind damage occurred from near the Big Black Community northward across Highway 27 to about 5 miles east of Vicksburg. Dozens of trees were blown down across this area along with several power lines.									
Warren County									
Vicksburg	29	1130CST			0	0	60K		Hail(1.00)
Penny to quarter sized hail fell across Vicksburg and caused minor damage to vehicles around town.									
Lincoln County									
15 S Brookhaven to 15 SE Brookhaven	29	1136CST 1145CST			0	0	50K		Thunderstorm Wind (G60)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSISSIPPI, Central</u>									
Numerous trees were blown down across the southeast portion of Lincoln county									
Jefferson Davis County 5 S Prentiss	29	1142CST			0	0	80K		Thunderstorm Wind (G60)
Numerous trees and power lines were blown down south of Prentiss.									
Lawrence County Monticello	29	1142CST			0	0	25K		Thunderstorm Wind (G55)
Several trees and a few power lines were blown down around Monticello.									
Lamar County Purvis to Hattiesburg	29	1200CST 1210CST			0	0	3K		Thunderstorm Wind (G53)
Several trees were blown down across Eastern Lamar county.									
Jasper County Heidelberg	29	1206CST 1210CST			0	0	40K		Thunderstorm Wind (G53)
A few trees and power lines were blown down. One tree and power line fell on a car and caused significant damage.									
Simpson County 8 S Mendenhall	29	1206CST			0	0	20K		Thunderstorm Wind (G56)
Numerous pine trees were blown down along Highway 13, 8 miles south of Mendenhall.									
Forrest County Hattiesburg	29	1210CST 1215CST			0	0	100K		Hail(1.75)
Quarter to golfball sized hail fell across Hattiesburg causing some damage to vehicles.									
Forrest County Hattiesburg	29	1212CST			0	0	30K		Thunderstorm Wind (G55)
Numerous trees were blown down.									
Jones County Ellisville	29	1239CST			0	0	30K		Thunderstorm Wind (G55)
Numerous trees were blown down around Ellisville and many other locations scattered around the county									
Hinds County Jackson	29	1240CST			0	0	50K		Thunderstorm Wind (G55)
A few power lines were blown down at the intersection of Lakeland Drive and Ridgewood Road. The downed power lines caused a small fire at a nearby gas station.									
Madison County Ridgeland to Madison	29	1245CST 1249CST			0	0	50K		Thunderstorm Wind (G55)
Numerous trees and large limbs were blown down across the city of Ridgeland and across areas of Madison.									
Jasper County Stringer to 3 NE Stringer	29	1251CST 1255CST			0	0			Hail(1.00)
Jasper County Bay Spgs	29	1256CST 1300CST			0	0	30K		Thunderstorm Wind (G55)
Numerous trees were blown down.									
Newton County Newton	29	1322CST			0	0			Thunderstorm Wind (G50)
A couple of trees were blown down.									
Clarke County Pachuta to Quitman	29	1330CST 1345CST			0	0	400K		Thunderstorm Wind (G60)
A swath of wind damage occurred across portions of Clarke county from Pachuta to Quitman to Stonewall. Within this area several dozen trees were blown down with many blocking area roads. In Pachuta 1 tree damaged a vehicle and in Quitman 1 tree caused major damage to a house.									
Neshoba County Neshoba	29	1352CST 1500CST			0	0	200K		Flash Flood

Storm Data and Unusual Weather Phenomena

May 2005

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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MISSISSIPPI, Central

On route 129, a portion of the road was washed out and the road had to be closed.

Lincoln County

Brookhaven Muni Arpt	29	1730CST			0	0	250K		Thunderstorm Wind (G52)
Three hangers sustained damage at the airport as a portion of the tin roofs were blown off and small sections of the tin siding was peeled away. Additionally a few trees were blown down around the area									

MISSISSIPPI, North

Alcorn County

Corinth	19	1534CST 1540CST			0	0	0.05K		Hail(0.88)
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MISSISSIPPI, South

Jackson County

1 NW Ocean Spgs	29	0929CST			0	0			Hail(1.25)
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Hancock County

15 N Kiln	29	1403CST	0.1	20	0	0			Tornado (F0)
A weak tornado touched down briefly causing no damage.									

Hancock County

Diamondhead Arpt	29	1430CST			0	0			Lightning
A lightning strike caused a fire in some trees which spread to a house in the Glen Eagle subdivision of Diamondhead. The house was nearly destroyed by the fire.									

Wilkinson County

3 N Woodville	29	1642CST			0	0	0.50K		Thunderstorm Wind (G50)
A tree was blown down.									

Hancock County

South Portion	29	1650CST 2030CST			0	0			Flash Flood
Heavy rainfall of 3 to 5 inches within several hours caused significant flooding of a number of roadways in southern Hancock County.									

Wilkinson County

Centreville	29	1730CST			0	0	1K		Thunderstorm Wind (G50)
A few trees were blown down.									

Pike County

Mc Comb	29	1815CST			0	0	15K		Thunderstorm Wind (G50)
Thunderstorm winds ripped the roof off of two buildings, knocked down four signs, and blew windows out and the awnings off of a building. A number of trees and power lines were knocked down in McComb and other locations scattered across Pike County.									

MISSISSIPPI, Southeast

Wayne County

Waynesboro	24	1755CST 1757CST			0	0	10K		Thunderstorm Wind (G50)
High winds from a thunderstorm destroyed a barn near Waynesboro. Quarter size hail was also reported from the storm.									

MISSOURI, East

Boone County

Harrisburg	11	1310CST			0	0			Hail(0.88)
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Storm Data and Unusual Weather Phenomena

May 2005

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
<u>MISSOURI, East</u>									
Boone County									
Harrisburg	11	1320CST			0	0			Hail(4.00)
									Local law enforcement reported hail up to 4 inches in diameter in the Harrisburg. Roofs and automobiles were damaged.
Boone County									
5 W Ashland	11	1330CST			0	0			Hail(0.88)
Boone County									
4 E Harrisburg	11	1340CST			0	0			Hail(1.75)
Boone County									
7 N Columbia	11	1345CST			0	0			Hail(2.00)
									Storm spotters reported hail from several severe thunderstorms across Boone County. Hail up to 2 inches in diameter was reported north of Columbia.
Boone County									
5 S Columbia	11	1346CST			0	0			Hail(1.75)
									Storm spotters reported golfball size hail south of Columbia.
Boone County									
Columbia	11	1349CST			0	0			Hail(0.88)
Boone County									
Columbia	11	1357CST			0	0			Hail(0.88)
Boone County									
Columbia	11	1359CST			0	0			Hail(0.75)
									The Columbia EOC relayed several reports of hail up to nickel size across Columbia.
Washington County									
Potosi	11	1405CST			0	0			Hail(1.00)
									Storm spotters reported 1 inch hail in Potosi for several minutes.
Osage County									
Meta	11	1417CST			0	0			Hail(0.75)
									Storm spotters reported 3/4 inch hail in Meta.
Boone County									
Midway	11	1424CST			0	0			Hail(0.88)
Boone County									
4 S Midway	11	1428CST			0	0			Hail(0.88)
Boone County									
Midway	11	1430CST			0	0			Thunderstorm Wind (G70)
									Storm spotters and emergency management officials reported nickel size hail in the Midway area. A Columbia television station reported wind gusts up to 80 mph which downed a few trees and power lines.
Moniteau County									
California	11	1425CST			0	0			Hail(0.75)
									The County Sheriff reported 3/4 inch hail.
Callaway County									
1 S Millersburg	11	1435CST			0	0			Hail(1.00)
									The County Sheriff reported 1 inch hail just south of Millersburg.
Washington County									
Old Mines	11	1444CST			0	0			Hail(1.00)
									Storm spotters reported 1 inch hail.
Boone County									
Hallsville	11	1444CST			0	0			Hail(2.75)
									Emergency management officials reported hail up to baseball size in Hallsville. Some roofs and automobiles were damaged.
Iron County									
Belleview	11	1500CST			0	0			Hail(0.75)
									The County Sheriff reported 3/4 inch hail in Belleview.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>MISSOURI, East</u>									
Washington County									
Richwoods	11	1501CST			0	0			Hail(0.75)
Amateur radio spotters reported 3/4 inch hail in Richwoods.									
Callaway County									
Fulton	11	1509CST			0	0			Hail(1.75)
The County Sheriff reported hail up to golfball size.									
Boone County									
Columbia	11	1515CST 2100CST			0	0			Flash Flood
Heavy rain from several severe thunderstorms caused flash flooding in Columbia. I-70 had to be closed on the west side of town due to a foot of water over the road. Several streets in town became impassable due to high water. A section of Brown School Road was washed out by flood water.									
Jefferson County									
2 E Hillsboro	11	1516CST			0	0			Hail(0.75)
Jefferson County									
Hillsboro	11	1520CST			0	0			Hail(0.75)
Amateur radio spotters reported 3/4 inch hail east of and in Hillsboro.									
Boone County									
Columbia	11	1520CST			0	0			Hail(0.75)
A storm spotter reported 3/4 inch hail.									
Jefferson County									
Dittmer	11	1520CST			0	0			Hail(1.75)
Amateur radio spotters reported hail up to golfball size in Dittmer.									
St. Francois County									
Bismarck	11	1525CST			0	0			Hail(0.75)
The public reported 3/4 inch hail in Bismarck.									
Boone County									
Columbia	11	1525CST			0	0			Hail(0.75)
Emergency management officials reported 3/4 inch hail.									
Jefferson County									
3 N Hillsboro	11	1530CST			0	0			Hail(0.75)
Jefferson County									
House Spgs	11	1535CST			0	0			Hail(1.75)
The County Sheriff relayed several reports of penny to golfball size hail from House Springs to near Hillsboro.									
Boone County									
Columbia	11	1605CST			0	0			Hail(1.00)
Local law enforcement reported 1 inch hail.									
Montgomery County									
New Florence	11	1640CST			0	0			Hail(0.75)
Montgomery County									
New Florence	11	1640CST			0	0			Thunderstorm Wind (G60)
Montgomery County									
2 S New Florence	11	1650CST			0	0			Hail(0.88)
Montgomery County									
Jonesburg	11	1700CST			0	0			Hail(0.75)
A severe thunderstorm dropped hail from penny to nickel size and produced wind damage across parts of southern Montgomery County. Large tree limbs were reported down in New Florence.									
Warren County									
1 S Warrenton	11	1700CST			0	0			Hail(0.75)
Warren County									
Warrenton	11	1705CST			0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

May 2005

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

MISSOURI, East

The County Sheriff reported hail up to golfball size in Warrenton. Amateur radio spotters reported 3/4 inch hail just south of Warrenton.

Lincoln County
Hawk Pt

11 1730CST 0 0 Hail(1.00)

Lincoln County
Troy

11 1735CST 0 0 Hail(0.77)

Storm spotters reported 1 inch hail in Hawk Point and nickel size hail in Troy.

St. Charles County
1 W O Fallon

19 2210CST 0 0 Hail(0.75)

St. Charles County
1 W O Fallon

19 2215CST 0 0 Thunderstorm Wind (G51)

Amateur radio spotters reported large tree limbs blocking a road just west of O'Fallon. 3/4 inch hail also fell in the area.

St. Charles County
Weldon Spg

19 2220CST 0 0 Thunderstorm Wind (G50)

A 30 foot cedar tree was down along Wolfrum Road.

St. Louis County
Florissant

19 2220CST 0 0 Thunderstorm Wind (G53)

St. Louis County
Hazelwood

19 2225CST 0 0 Thunderstorm Wind (G53)

Storm spotters reported some trees, large tree limbs and power lines down in Florissant and Hazelwood.

St. Louis (C)
St Louis

19 2230CST 0 0 Hail(0.75)

The public reported 3/4 inch hail at Hall Street and Broadway in North St. Louis.

Jefferson County
Barnhart

19 2325CST 0 0 Hail(0.75)

Jefferson County
Crystal City

19 2325CST 0 0 Thunderstorm Wind (G53)

Jefferson County
Pevely

19 2325CST 0 0 Thunderstorm Wind (G53)

Jefferson County
Festus

19 2330CST 0 0 Thunderstorm Wind (G53)

Storm spotters reported trees and large tree limbs down in Crystal City, Pevely, and Festus. 3/4 inch hail was reported in Barnhart.

Callaway County
3 SW Fulton

22 0445CST 0 0 5K Thunderstorm Wind (G55)

Thunderstorm wind gusts tore the roof off a mobile home on Route NN. Damage was estimated at \$5000.

MISSOURI, Lower

Pemiscot County
3 S Caruthersville

13 1607CST
1615CST 0 0 0.75K Hail(1.75)

MISSOURI, Northeast

MISSOURI, Northwest

Gentry County
12 N Stanberry

11 0705CST 0 0 Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>MISSOURI, Northwest</u>									
Gentry County									
2 SSW Mcfall	11	0730CST			0	0			Hail(0.88)
Worth County									
4 W Worth	11	0705CST			0	0			Hail(0.75)
De Kalb County									
Fairport	11	0720CST			0	0			Hail(1.00)
De Kalb County									
5 W Stewartville	11	1025CST			0	0			Hail(1.00)
De Kalb County									
13 SE Amity	11	1845CST			0	0			Hail(0.75)
Daviess County									
2 S Pattonsburg	11	0755CST			0	0			Hail(2.75)
Daviess County									
4 SE Pattonsburg	11	0801CST			0	0			Hail(2.50)
Daviess County									
10 E Coffey	11	0825CST			0	0			Hail(0.88)
Daviess County									
6 NE Jamesport	11	0835CST			0	0			Hail(1.75)
Daviess County									
8 N Jamesport	11	0838CST			0	0			Hail(1.00)
Grundy County									
10 SW Trenton	11	0850CST			0	0			Hail(1.00)
Livingston County									
2 E Farmersville	11	0905CST			0	0			Hail(0.88)
Livingston County									
1 N Chula	11	0910CST			0	0			Hail(1.00)
Clinton County									
8 N Gower	11	1030CST			0	0			Hail(1.00)
Platte County									
4 SSE Weston	11	1235CST			0	0			Hail(1.00)
Platte County									
Tracy	11	1240CST			0	0			Hail(1.00)
Platte County									
5 NE Platte City	11	1300CST			0	0			Hail(1.75)
Platte County									
(Mci)Ks City Intl Ar	11	1432CST			0	0			Hail(1.00)
Platte County									
(Mci)Ks City Intl Ar	11	1503CST			0	0			Hail(0.75)
Platte County									
2 S Kansas City Intl Arp	11	1522CST			0	0			Hail(0.75)
Platte County									
4 SW Kansas City Intl A	11	1630CST 2115CST			0	0			Flash Flood
			Flooding near the intersection of Highway 152 and Hampton.						
Platte County									
Parkville	11	1630CST 2115CST			0	0			Flash Flood
			6th street closed between Crooked and West due to high water.						

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSOURI, Northwest</u>									
Chariton County Brunswick	11	1241CST			0	0			Hail(1.00)
Chariton County Keytesville	11	1301CST			0	0			Hail(1.50)
Howard County 2 E Fayette	11	1315CST			0	0			Hail(1.00)
Howard County 4 W Fayette	11	1345CST			0	0			Hail(1.00)
Randolph County 1 W Higbee	11	1325CST			0	0			Hail(1.00)
Randolph County 5 W Clark	11	1330CST			0	0			Hail(1.00)
Clay County Smithville	11	1331CST			0	0			Hail(1.50)
Jackson County 1 N Blue Spgs	11	1436CST			0	0			Hail(1.00)
Jackson County 3 NNE Blue Spgs	11	1440CST			0	0			Hail(1.00)
Jackson County Blue Spgs	11	1442CST			0	0			Hail(0.75)
Jackson County Buckner	11	1455CST			0	0			Hail(1.00)
Jackson County 2 E Blue Spgs	11	1535CST			0	0			Hail(1.00)
Jackson County Blue Spgs	11	1535CST			0	0			Hail(1.00)
Jackson County Grain Vly	11	1535CST			0	0			Hail(1.00)
Jackson County Lees Summit	11	1540CST			0	0			Hail(1.00)
Jackson County Independence	11	1551CST			0	0			Hail(1.75)
Carroll County 1 E Carrollton	11	1530CST			0	0			Hail(2.00)
Carroll County Carrollton	11	1530CST			0	0			Hail(2.00)
Carroll County 5 W Carrollton	11	1552CST			0	0			Hail(1.00)
Carroll County Carrollton	11	1556CST			0	0			Hail(1.00)
Carroll County Carrollton	11	1559CST			0	0			Hail(1.75)
Lafayette County 1 SW Napoleon	11	1605CST			0	0			Hail(0.88)
Saline County 5 E Marshall	11	1629CST			0	0			Hail(0.88)
Adair County Kirksville	11	1730CST			0	0	200K		Lightning

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSOURI, Northwest</u>									
Lightning struck a bar in downtown Kirksville with establishment totally destroyed by fire.									
Platte County									
Dearborn	11	1930CST			0	0	100K		Lightning
									Home totally destroyed by fire started by lightning
Holt County									
1 N Mound City	12	1620CST			0	0			Hail(1.25)
Buchanan County									
St Joseph	12	1733CST			0	0			Thunderstorm Wind (G61)
Andrew County									
4 NE Amazonia	12	1736CST			0	0			Thunderstorm Wind (G52)
Andrew County									
Savannah	12	1745CST			0	0			Thunderstorm Wind (G52)
Andrew County									
Savannah	12	1750CST			0	0			Hail(1.00)
Gentry County									
King City	12	1756CST			0	0			Thunderstorm Wind (G52)
Gentry County									
2 W Albany	12	1808CST			0	0			Thunderstorm Wind (G52)
Gentry County									
Albany	12	1815CST			0	0	1K		Thunderstorm Wind (G52)
									Trees and power lines downed.
Gentry County									
King City	12	1820CST			0	0	1K		Thunderstorm Wind (G52)
									Power lines downed.
Gentry County									
King City	12	1830CST			0	0			Thunderstorm Wind (G52)
									Power lines downed.
Platte County									
Platte City	12	1805CST			0	0			Thunderstorm Wind (G52)
Platte County									
6 S Platte City	12	1815CST			0	0			Thunderstorm Wind (G52)
Jackson County									
Kansas City	12	1828CST			0	0			Thunderstorm Wind (G55)
Jackson County									
1 S Kansas City	12	1845CST			0	0	10K		Thunderstorm Wind (G52)
									Trees down on houses and power lines down.
Jackson County									
Kansas City	12 13	2318CST 0345CST			0	0			Flash Flood
									Cars stalled in high water at Interstate 70 and Manchester Rd.
Harrison County									
5 S Bethany	12	1830CST			0	0			Hail(1.25)
Clay County									
North Kansas City	12	1850CST			0	0			Thunderstorm Wind (G52)
									Trees downed from thunderstorm winds.
Mercer County									
3 S Princeton	12	1915CST			0	0			Hail(1.00)
Randolph County									
Moberly	12	2054CST			0	0	10K		Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

May 2005

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

MISSOURI, Northwest

Several large trees were knocked down by thunderstorm winds with one large tree falling on a residential roof and nearby parked van. Also a backup communication tower for an ambulance company toppled over.

Randolph County

1 N Moberly 12 2100CST 0 0 **Thunderstorm Wind (G52)**

Howard County

10 E Estill 12 2056CST 0 0 **Hail(0.88)**

MOZ001

Atchison

12 2300CST 0 0 **Flood**
13 1400CST

The Tarkio River near Fairfax crested at 21.45 feet, or 4.45 feet above flood stage.

MOZ002

Nodaway

13 0500CST 0 0 **Flood**
1300CST

The 102 River near Maryville crested at 19.31 feet, or 1.31 feet above flood stage.

MOZ012

Andrew

13 1200CST 0 0 **Flood**
14 0100CST

The 102 River in Rosendale crested at 19.05 feet or 1.05 feet above flood stage.

MOZ029

Clay

13 1300CST 0 0 **Flood**
1600CST

The Fishing River near Mosby crested at 18.70 feet, or 0.70 feet above flood stage.

MOZ020

Buchanan

13 1600CST 0 0 **Flood**
14 1200CST

The Missouri River in Saint Joseph crested at 18.02 feet, or 1.02 feet above flood stage.

MOZ020

Buchanan

13 2300CST 0 0 **Flood**
15 0300CST

The Platte River near Agency crested at 25.72 feet, or 5.72 feet above flood stage.

MOZ028

Platte

13 2300CST 0 0 **Flood**
17 0600CST

The Platte River near Sharps Station crested at 28.37 feet, or 2.37 feet above flood stage. The Platte River near Platte City crested at 22.00 feet, or 2.00 feet above flood stage.

MOZ023

Livingston

14 1000CST 0 0 **Flood**
15 0400CST

The Grand River near Sumner crested at 28.16 feet, or 2.16 feet above flood stage.

MOZ038

Lafayette

14 1000CST 0 0 **Flood**
15 1000CST

The Missouri River near Napoleon crested at 19.76 feet, or 2.76 feet above flood stage.

MOZ038

Lafayette

14 1500CST 0 0 **Flood**
15 1500CST

The Missouri River near Waverly crested at 22.18 feet, or 2.18 feet above flood stage.

MOZ037

Jackson

14 1600CST 0 0 **Flood**
15 0000CST

The Missouri River at Sibley crested at 22.10 feet, or 0.10 feet above flood stage.

MOZ039

Saline

14 2200CST 0 0 **Flood**
16 0600CST

The Missouri River near Miami crested at 20.65 feet, or 2.65 feet above flood stage.

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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, Northwest

Linn County

4 E Purdin	22	0330CST 0615CST			0	0			Flash Flood
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Heavy rains caused Route C to close due to high water flowing over the road.

Mercer County

11 SW Princeton	22	0440CST 0630CST			0	0			Flash Flood
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Heavy rains closed Route D near Highway 136.

MISSOURI, Southeast

MOZ086-100-107>108

Bollinger - Wayne - Carter - Ripley

04	0300CST 0500CST				0	0			Frost/Freeze
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An unusually late season frost was observed in the hillier terrain northwest of a line from Cape Girardeau to Poplar Bluff. A few low temperature readings in the lower 30's were reported, including 31 degrees at Doniphan (Ripley County). An unofficial low of 30 degrees was reported at Greenville (Wayne County). This was the last of four consecutive frosty mornings. Lows each morning from May 1st to the 4th were about the same, mostly in the lower 30's.

Scott County

1 E Benton	12	1520CST			0	0	5K		Thunderstorm Wind (G50)
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Three large oak trees about three feet in diameter were blown down, damaging the corner of one house.

Mississippi County

Dogwood	13	1733CST			0	0			Hail(1.00)
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Cape Girardeau County

Cape Girardeau to 1 NE Cape Girardeau	13	1804CST			0	0			Hail(0.88)
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Nickel-size hail was reported at Southeast Missouri State University. Dime-size hail was reported a mile northeast of Cape Girardeau.

Scott County

4 N Sikeston	13	1810CST			0	0			Hail(0.75)
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Wayne County

Piedmont	19	1310CST			0	0	6K		Thunderstorm Wind (G50)
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Trees and power lines were blown down.

Carter County

Grandin	19	1427CST			0	0			Thunderstorm Wind (G50)
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Trees were blown down.

Butler County

16 NW Poplar Bluff	19	1445CST			0	0			Hail(1.00)
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Reported at the Carter County line on U.S. Highway 60.

Butler County

1 NW Hendrickson	19	1500CST			0	0	3K		Hail(1.00)
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A police cruiser was damaged by the hail on U.S. Highway 67.

Stoddard County

Dudley	19	1543CST			0	0			Hail(0.75)
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MISSOURI, Southwest

Barton County

Lamar	14	0100CST 0400CST			0	0			Flash Flood
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Heavy thunderstorms caused several low water crossings and county roads to flood across much of the county.

Jasper County

Sarcoxie	22	2310CST			0	0			Hail(1.00)
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Storm Data and Unusual Weather Phenomena

May 2005

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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MISSOURI, Southwest

Lawrence County

5 SE Pierce City	22	2335CST			0	0			Hail(0.75)
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Barry County

(Umn)Monett	22	2335CST			0	0			Hail(0.75)
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Newton County

Neosho	23	0021CST			0	0			Hail(0.75)
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Newton County

5 S Neosho	23	0025CST			0	0			Thunderstorm Wind (G55) Several trees and branches were downed from severe thunderstorm wind gusts along Highway 71 between Anderson and Neosho.
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McDonald County

Goodman	23	0050CST			0	0			Thunderstorm Wind (G55) Several trees were downed from thunderstorm wind gusts.
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McDonald County

Anderson	23	0109CST 0300CST			0	0			Flash Flood A period of flash flooding occurred on Main and Spring Streets after heavy thunderstorms affected the area.
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Newton County

Seneca	24	0924CST 1100CST			0	0			Flash Flood Flash flooding occurred over several areas of Newton County caused by heavy thunderstorms. Some specific locations that were flooded include, low water crossings that cross Lost Creek, sections of Highway 43 around Seneca, and sections of Highway 86 near Neosho.
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Newton County

1 W Neosho Arpt	24	1045CST 1200CST			0	0			Flash Flood 2.62 inches of rain over a two hour time span caused flash flooding over a section of Clints Road between Highway 59 and Kodiak Road.
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McDonald County

Goodman	24	1100CST 1300CST			0	0			Flash Flood Heavy thunderstorms caused flooding along the Newton-McDonald County line just north of Goodman off of Highway 71. Several low water crossings became impassable.
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Newton County

4 SW Neosho	24	1200CST 1400CST			0	0			Flash Flood Flash flooding occurred over Route AA at Buffalo Creek from heavy thunderstorms.
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MONTANA, Central

MTZ012-014

Cascade - Southern Lewis And Clark

10	0230MST			0	0			Flood
18	0910MST							

Heavy mountain rain and a rapidly melting snow pack combined to cause the Dearborn River to overflow its banks during the week of May 10th. The Dearborn, which flows along the Southern Lewis and Clark and western Cascade county border, peaked at 7.5 feet, some 2.5 feet above flood stage and the highest level in more than a decade. Flooding occurred in pastureland and hayfields. The water breached some roadways causing minimal damage.

MTZ009>010

North Rocky Mountain Front - Eastern Glacier

19	1149MST 1320MST			0	0			High Wind (G53)
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A high wind event occurred during the late morning and afternoon hours on the 19th along the Northern Rocky Mountain front and adjacent plains. Reported wind speeds include: a gust to 61 mph at Browning and a gust to 60 mph at Cut Bank 3SW.

Storm Data and Unusual Weather Phenomena

May 2005

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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MONTANA, East

Prairie County

Terry	06	1700MST 1800MST			0	0			Heavy Rain
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A heavy downpour which produced just over 8 tenths of an inch of rain in less than an hour, produced localized flooding ditches due to the overwhelming of the storm drains.

Prairie County

Terry	06	1715MST			0	0			Hail(0.75)
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Dawson County

17 SW Glendive	06	1920MST			0	0			Hail(0.75)
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Dawson County

5 WSW Glendive	06	2000MST			0	0			Hail(1.00)
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Dawson County

3 WSW Glendive	06	2015MST			0	0			Hail(0.75)
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MTZ022>023-025>027

Garfield - McCone - Dawson - Prairie - Wibaux

11		1500MST			0	0			Heavy Snow
12		1000MST							

A major late season winter storm affected a portion of northeast Montana beginning late in the afternoon on the 11th, and continued until mid-morning on the 12th. The storm produced a widespread swath of 8 to 12 inches of snow. A strong upper level low pressure system in Wyoming tracked north across the area during the night while at the same time an arctic high built south out of Canada and supplied the cold air. The snow was accompanied by generally light wind so blowing and drifting snow were not a problem with this storm. I-94 from Glendive to Terry was closed for a time. Some of the more impressive snowfall amounts across northeast Montana included:

32 miles north of Terry (Dawson County): 12 inches
 Carlyle (Wibaux County): 10 inches
 6 miles southeast of Wibaux (Wibaux County): 10 inches
 Lindsay & 8 miles east/southeast of Lindsay (Dawson County): 10 inches
 10 miles south of Circle (McCone County): 10 inches
 9 miles north of Crow Rock (Garfield County): 13 inches
 8 miles south of Terry (Prairie County): 10 inches
 10 miles south of Lindsay (Dawson County): 7 inches
 Glendive (Dawson County): 6 inches

Phillips County

7 E Malta	17	1135MST			0	0			Hail(0.88)
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Phillips County

11 S Whitewater	17	1200MST			0	0			Thunderstorm Wind (G50)
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Valley County

4 N Oswego	17	1510MST			0	0			Hail(0.75)
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Prairie County

12 N Terry	20	1915MST			0	0			Hail(0.75)
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Penny sized hail covered the ground.

Dawson County

10 S Lindsay	20	1950MST			0	0			Hail(0.75)
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Dawson County

Glendive	20	2010MST			0	0			Thunderstorm Wind (G61)
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Prairie County

13 NW Mc Cloud	20	2040MST			0	0	132K		Thunderstorm Wind (G60)
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Damage to three pivot irrigators.

Wibaux County

16 SSE Wibaux	20	2053MST			0	0			Hail(1.00)
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Wibaux County

3 NE Wibaux	20	2105MST			0	0			Hail(1.50)
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Storm Data and Unusual Weather Phenomena

May 2005

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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MONTANA, East

Dawson County

1 SW Glendive	20	2115MST 2130MST			0	0			Hail(0.88)
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MTZ017>019-019-019-019>020-023-023>025-059-061>062-062 Central And Southern Valley - Daniels - Sheridan - Western Roosevelt - Mccone - Richland - Dawson - Northern Phillips - Northern Valley - Eastern Roosevelt

21	0930MST 1805MST				0	0			High Wind (G61)
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Strong gradient winds produced a period of high winds during the morning and afternoon hours of the 21st. Sustained wind speeds of 40-45 mph were common, with wind gusts as high as 70 mph. An old grain bin in Peerless was blown over by the strong winds. There were numerous reports of downed tree branches, and shingles were blown off of some roofs across Valley and Daniels counties. A few of the stronger observed wind reports included:

King Coulee RAWS site (Valley County): 64 mph
Comertown DOT site (Sheridan County): 70 mph
Sioux Pass DOT site (Richland County): 49 mph sustained

MONTANA, South

Fallon County

13 W Plevna to 5 W Plevna	06	1700MST			0	0			Hail(1.00)
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Custer County

Miles City	07	1500MST			0	0			Heavy Rain
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Significant flash flooding occurred in Miles City. The underpass completely filled all the way back to the high school, and some basements were flooded. Numerous roads were impassible. Rainfall totals as high as 3.5 inches in 3.5 hours near the fairgrounds.

Custer County

Miles City	07	1800MST			0	0			Heavy Rain
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2.30 inches of rain fell in less than six hours.

MTZ067

Absarokee / Beartooth Mountains

07	1800MST				0	0			Heavy Snow
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9 inches of snow fell 11W Limestone. (12-hour total at the Placer Basin Snotel)

Carbon County

7 NNE Warren	07	2300MST			0	0			Heavy Rain
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2.97 inches of rain fell in 24 hours

Custer County

Miles City	08	0015MST 0115MST			0	0			Flash Flood
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Underpasses completely filled and some basements flooded in Miles City. Numerous roads impassible. Rainfall totals of 2.30 inches were reported by a spotter in Miles City. Water was reported flowing over Kinsey Road at times.

Custer County

Volborg	08	0639MST			0	0			Heavy Rain
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2.28 inches of rain fell in Volborg (24 hour total), 0.96 inches fell in less than an hour.

Big Horn County

9 E Lodge Grass	08	1025MST			0	0			Heavy Rain
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3.67 inches of rain fell 9E Lodge Grass (24-hour total from the Wolf Mountain RAWS)

Custer County

Miles City	08	1111MST			0	0			Heavy Rain
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1.71 inches of rain (24 hour total)

Fallon County

Baker	08	1111MST			0	0			Heavy Rain
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3.59 inches of rain (24 hour total); 1.54 inches fell in one hour

Carter County

Ekalaka	08	1456MST			0	0			Heavy Rain
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2.12 inches of rain in Ekalaka (2-day total)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>MONTANA, South</u>									
Big Horn County									
9 E Lodge Grass	08	1532MST			0	0			Heavy Rain
4.08 inches of rain 9E Lodge Grass (Wolf Mountain RAWS 2-day total)									
Carter County									
Ekalaka	08	1456MST			0	0			Heavy Rain
2.12 inches of rain in Ekalaka (2-day total)									
Stillwater County									
Nye	10	1600MST			0	0			Heavy Rain
1.58 inches of rain in Nye									
Stillwater County									
5 N Reed Pt	10	1620MST			0	0			Heavy Rain
1 inch of rain 5N Reed Point (12-hour total)									
Carbon County									
6 S Roscoe	10	1636MST			0	0			Heavy Rain
2.12 inches of rain 6S Roscoe (24-hour total)									
Sweet Grass County									
4 W Melville	10	1700MST			0	0			Heavy Rain
2.87 inches of rain 4W Melville (24-hour total)									
Wheatland County									
8 SW Shawmut	10	1700MST			0	0			Heavy Rain
1.25 inches of rain (24-hour total)									
Sweet Grass County									
4 W Melville	10	1830MST			0	0			Heavy Rain
1.40 inches of rain 4W Melville (24-hour total)									
MTZ038-041-056-066	Southern Big Horn - Northern Sweet Grass - Red Lodge Foothills - Beartooth Foothills								
	11	0145MST 1200MST			0	0			Flood
County Road 12 washed out by Hump Creek flooding; Bridge out on North Yellowstone Trail in Greycliff. Road damaged by flooding on Old Boulder Road; West Fork of the Stillwater River flooded parts of Stillwater River Road west of Beehive; Bridger Creek in Greycliff flooded out of its banks along County Road 14; Pryor Creek was out of its banks and was flooding basements in the area; Highway 78 was under a foot of water in places between Absarokee and Red Lodge; Significant flooding occurring along Red Lodge Creek, Willow Creek, Volney Creek, and Cottonwood Creek. At least a dozen roads under water or washed out in Carbon County; Cottonwood Creek flooded in the Roberts area; Minor flooding in Roberts									
Carbon County									
Luther	11	0530MST			0	0			Heavy Rain
5 inches of rain in Luther (24-hour total)									
Sweet Grass County									
6 S Big Timber	11	0700MST			0	0			Heavy Rain
2.80 inches of rain 6S Big Timber (24-hour total)									
Sweet Grass County									
Melville	11	0700MST			0	0			Heavy Rain
1.10 inches of rain in 12 hours									
Stillwater County									
Fishtail	11	0725MST			0	0			Heavy Rain
4.06 inches of rain in Fishtail (Fishtail RAWS 24-hour total)									
Stillwater County									
18 NW Columbus	11	0845MST			0	0			Heavy Rain
1.30 inches of rain 18NW Columbus in 24 hours									
Big Horn County									
5 E Lodge Grass	11	1425MST			0	0			Heavy Rain
1.28 inches of rain 5E Lodge Grass (Wolf Mountain RAWS 24-hour total)									
Carbon County									
5 W Red Lodge	11	1500MST			0	0			Heavy Rain

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>MONTANA, South</u>									
4.40 inches of rain 5W Red Lodge (Cole Creek Snotel 24-hour total)									
Carbon County									
4 S Roscoe	11	1500MST			0	0			Heavy Rain
4.40 inches of rain 4S Roscoe (Burnt Mountain Snotel 24-hour total)									
Carbon County									
Red Lodge	11	1600MST			0	0			Heavy Rain
6.99 inches of rain in Red Lodge									
Golden Valley County									
Ryegate	11	1600MST			0	0			Heavy Rain
1.05 inches of rain in 24 hours									
Stillwater County									
Nye	11	1600MST			0	0			Heavy Rain
3.80 inches of rain in 24 hours									
Carbon County									
10 SW Luther to 20 S Luther	11	1700MST			0	0			Heavy Rain
2.48 inches of rain 20S Fishtail (Mystic Lake Power Plant 24-hour total)									
MTZ030-056-065>067	Treasure - Red Lodge Foothills - Livingston Area - Beartooth Foothills - Absarokee / Beartooth Mountains								
	11	0900MST 2000MST			0	0			Heavy Snow
10 inches of snow in Red Lodge; 7 inches of snow in Hysham (24-hour total); 18 inches of snow 20S Fishtail (Mystic Lake Power Plant); 36 inches of snow 5W Red Lodge (Cole Creek Snotel 24-hour total, 38 inch storm total); 14 inches of snow 25NNE Livingston (South Fork Shields Snotel 24-hour total, 16 inch storm total); 21 inches of snow 8S Mc Leod (Placer Basin Snotel 24-hour total); 16 inches of snow 4S Roscoe (Burnt Mountain Snotel 24-hour total)									
MTZ030>033-035>038-056>058	Treasure - Northern Rosebud - Custer - Fallon - Yellowstone - Powder River - Carter - Southern Big Horn - Red Lodge Foothills - Northern Big Horn - Southern Rosebud								
	12	0300MST			0	0			Heavy Snow
8 inches in Baker and 17N Pompeys Pillar; 15 inches 5N Otter (Fort Howes); 12 inches in Broadus and Otter; 6 inches in Albion; 14 inches in Ridge; 10 inches in Ekalaka; 6 inches in Alzada and Busby; 10 inches 12SW Lame Deer; 12 inches in Volborg, 7N Miles City and Rock Springs; 8 inches in Colstrip; 7 inches in Forsyth; 6 inches in Lame Deer; 8 inches 1W Hysham; 10 inches in Ashland; 16 inches 6S Roscoe; 8 inches 2S Nye; 12 inches 5ESE Nye; 7 inches 2NE Billings (Billings Heights 24-hour total)									
Yellowstone County									
1 S Worden	19	1342MST			0	0			Hail(0.88)
Yellowstone County									
1 S Worden	19	1349MST			0	0			Hail(0.88)
Wheatland County									
Shawmut	20	1600MST			0	0			Hail(1.00)
Wheatland County									
Shawmut	20	1600MST			0	0			Hail(1.00)
Golden Valley County									
15 N Lavina	20	1648MST			0	0			Funnel Cloud
Strongly rotating wall cloud/mesocyclone noted by two observers near the Golden Valley/Musselshell County line 15 miles north of Lavina. The wall cloud extended as much as halfway down to the ground, but no tornado was reported									
Musselshell County									
10 N Roundup	20	1735MST			0	0			Hail(0.75)
Golden Valley County									
5 S Ryegate	20	1737MST			0	0			Hail(1.00)
Musselshell County									
14 SW Klein	20	1805MST			0	0			Hail(1.75)
Dean Creek area									
Yellowstone County									
15 N Worden	20	1841MST			0	0			Hail(1.75)
Rural Northern Yellowstone County, east side of the Bull Mountains									

Storm Data and Unusual Weather Phenomena

May 2005

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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MONTANA, South

Yellowstone County

18 N Pompeys Pillar	20	1855MST			0	0			Funnel Cloud
Funnel cloud extending as much as about three fourths of the way down to the ground near the Musselshell/Northeast Yellowstone County line, but no tornado touchdown was confirmed.									

Yellowstone County

25 NW Custer	20	1901MST			0	0			Hail(0.75)
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Rosebud County

5 NE Vananda	20	2025MST			0	0			Hail(0.75)
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Rosebud County

Colstrip	20	2145MST			0	0			Hail(0.75)
Penny size hail covered the ground.									

Custer County

4 NE Ismay	20	2230MST			0	0			Hail(1.00)
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Musselshell County

10 N Roundup	20	1735MST			0	0			Hail(0.75)
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Golden Valley County

5 S Ryegate	20	1737MST			0	0			Hail(1.00)
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MONTANA, West

MTZ043

Blackfoot Region

10	1700MST				0	0			Flood
11	1700MST								

The combination of moderate to heavy rain and snowmelt caused local creeks to flood in Powell County. Dog Creek north of Highway 12 flooded and washed out Blossburg Road and surrounded a home with flood waters. Gold Creek also flooded low lying farm land. Old Mullan Pass Road was closed due to mud and debris flows.

NEBRASKA, Central

Rock County

14 NNE Rose	06	0200CST			0	0			Hail(0.88)
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Garfield County

22 NNE Burwell	06	0230CST			0	0			Hail(0.75)
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Garden County

Lewellen	06	1626MST			0	0			Hail(0.88)
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Garden County

Oshkosh	06	1645MST			0	0			Hail(0.88)
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Arthur County

17 E Arthur	06	1655MST			0	0			Hail(1.00)
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Sheridan County

5 NW Bingham	06	1800MST			0	0	1K		Hail(1.50)
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Perkins County

7 W Grant	06	1803MST			0	0			Hail(0.88)
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Mcperson County

25 NW Tryon	06	1805CST			0	0			Hail(1.00)
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Sheridan County

11 SSE Rushville	06	1825MST			0	0			Hail(1.00)
Hail covered the ground.									

Mcperson County

3 SE Ringgold	06	2300CST			0	0			Hail(1.00)
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Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, Central</u>									
Chase County									
2 SSE Champion	07	1354MST			0	0			Hail(0.75)
Chase County									
5 N Wauneta	07	1415MST			0	0			Hail(0.88)
Lincoln County									
8 SE Wallace	07	1424CST			0	0			Hail(1.00)
Lincoln County									
North Platte Arpt	07	1445CST 1450CST			0	0	15K		Hail(1.50)
Lincoln County									
10 S Wallace	07	1500CST			0	0	5K		Hail(1.75)
Logan County									
5 S Stapleton	07	1505CST			0	0			Hail(0.88)
Cherry County									
30 S Valentine	07	1515CST			0	0			Hail(1.00)
Logan County									
Stapleton	07	1519CST			0	0			Hail(1.00)
Cherry County									
58 SSW Merriman	07	1520MST			0	0			Hail(0.75)
Custer County									
Anselmo	07	1520CST			0	0	25K		Hail(1.25)
									The hail, combined with estimated wind gusts of 52kts, damaged roofs and siding on homes and produced moderate body damage to vehicles.
Custer County									
Anselmo	07	1520CST			0	0			Thunderstorm Wind (G52)
									Thunderstorm winds broke off eight inch diameter tree limbs.
Hayes County									
14 NNW Hayes Center	07	1539CST			0	0	3K		Hail(1.50)
Blaine County									
2 N Brewster	07	1544CST			0	0			Hail(0.88)
Lincoln County									
7 S Dickens	07	1545CST			0	0	5K		Hail(2.75)
Custer County									
9 NNW Anselmo	07	1600CST			0	0			Hail(1.00)
Brown County									
3 N Long Pine	07	1617CST			0	0			Hail(0.75)
Lincoln County									
North Platte Arpt	07	1617CST			0	0			Thunderstorm Wind (G52)
Keya Paha County									
6 SE Springview	07	1628CST			0	0			Hail(0.75)
Rock County									
4 N Bassett	07	1640CST			0	0			Hail(0.88)
Lincoln County									
20 NNE Brady	07	1642CST			0	0			Hail(1.00)
Loup County									
Almeria	07	1645CST			0	0			Hail(1.00)
Custer County									
8 NW Sargent	07	1647CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, Central</u>									
Holt County									
11 SSW Atkinson	07	1731CST			0	0			Hail(0.75)
Custer County									
Sargent	07	1745CST			0	0			Hail(0.75)
Holt County									
1 E Ewing	10	2140CST			0	0			Hail(0.88)
Hayes County									
5 NW Hamlet	11	1425CST			0	0			Hail(1.00)
Lincoln County									
2 S Sutherland	11	1430CST			0	0			Hail(0.88)
Hayes County									
8 E Hamlet	11	1439CST			0	0	15K		Hail(4.25)
Lincoln County									
1 E Sutherland	11	1445CST			0	0	5K		Hail(1.75)
Hayes County									
4 SSW Hayes Center	11	1510CST			0	0	2K		Hail(1.75)
Frontier County									
18 SW Stockville	11	1515CST			0	0			Hail(0.88)
Keith County									
4 SSE Roscoe	11	1521MST			0	0			Hail(0.75)
Hayes County									
11 NE Hayes Center	11	1530CST			0	0			Hail(0.88)
Frontier County									
11 SSW Curtis	11	1540CST			0	0	5K		Hail(2.75)
Lincoln County									
10 SW Sutherland	11	1540CST			0	0			Hail(0.88)
Frontier County									
1 W Maywood	11	1543CST			0	0	4K		Hail(1.25)
Mcperson County									
18 SW Tryon	11	1545CST			0	0			Hail(0.88)
Mcperson County									
17 WNW Tryon	11	1545CST			0	0	2K		Hail(1.75)
Hayes County									
11 NE Hayes Center	11	1550CST			0	0			Hail(0.88)
Lincoln County									
10 ESE Wellfleet	11	1552CST			0	0	2K		Hail(1.75)
Frontier County									
3 SE Maywood to 1 SE Maywood	11	1555CST 1602CST	2	50	0	0	50K		Tornado (F1)
The tornado touched down in the Brushy Creek area southeast of Maywood uprooting and breaking numerous trees. The tornado then moved northwest approximately a mile into a farmstead where it broke power lines, destroyed grain bins, and tossed irrigation pipe. It then continued northwest about a mile uprooting and breaking trees before hitting another farmstead. At this farmstead, it destroyed 2 barns and a hog confinement building. As the tornado weakened, it circled around the farmstead and destroyed 2 grain bins, small sheds and severely damaged a machine shed. Wooden 2x4 beams from a destroyed shed impaled the house. Hail associated with the storm, broke out windows in the home.									
Frontier County									
7 W Curtis	11	1610CST			0	0	5K		Hail(2.50)
Frontier County									
4 W Curtis	11	1625CST			0	0	5K		Hail(2.50)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, Central</u>									
Chase County 11 S Imperial	11	1645MST			0	0	2K		Hail(1.50)
Chase County Imperial	11	1650MST			0	0	25K		Hail(1.75)
Golfball size hail caused damage to roofs, siding, windows, and gutters on homes in Imperial. A few vehicles also sustained minor body damage. The northwest section of town was the hardest hit.									
Frontier County North Portion	11	1700CST 1800CST			0	0	5K		Flash Flood
County roads were closed due to water running over the roadway.									
Perkins County 3 NE Grant	11	1710MST			0	0			Hail(0.75)
Perkins County 12 S Elsie	11	1745MST			0	0			Hail(0.75)
Perkins County 5 SE Madrid	11	1745MST			0	0			Hail(1.00)
Lincoln County 11 ENE Wallace	11	1749CST			0	0			Hail(1.00)
Lincoln County Southeast Portion	11	1800CST 1900CST			0	0	3K		Flash Flood
Numerous roads were closed due to high water. A few roads were washed away along the edges.									
Chase County Enders Res	11	1810MST			0	0			Hail(1.00)
Lincoln County 4 NW North Platte	11	1819CST			0	0	3K		Hail(1.75)
Chase County Wauneta	11	1820MST			0	0	5K		Hail(1.75)
Hayes County 15 NW Hayes Center	11	1830CST			0	0	2K		Hail(2.50)
Lincoln County 7 S Wallace	11	1850CST			0	0			Hail(1.00)
Custer County 10 S Ansley	11	1900CST			0	0			Hail(0.88)
Lincoln County 7 NW Hershey	11	1900CST			0	0	1K		Hail(1.50)
Hayes County 2 W Hamlet	11	1923CST			0	0	2K		Hail(1.75)
Lincoln County 15 SW North Platte	11	1940CST			0	0	2K		Hail(1.75)
Hayes County 6 W Hayes Center	11	1946CST			0	0			Hail(0.88)
Lincoln County 10 S North Platte	11	1950CST			0	0	7K		Hail(2.75)
Hayes County Hayes Center	11	1952CST			0	0	5K		Hail(1.75)
Lincoln County North Platte Arpt	11	1959CST			0	0	4K		Hail(1.50)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, Central</u>									
Lincoln County									
7 ENE North Platte	11	2020CST			0	0			Hail(0.88)
Lincoln County									
North Platte Arpt	11	2022CST			0	0			Thunderstorm Wind (G50)
Frontier County									
10 SW Maywood	11	2035CST			0	0			Hail(0.75)
Frontier County									
10 SSW Stockville	11	2130CST			0	0			Hail(0.88)
Thomas County									
Thedford	11	2133CST			0	0			Lightning
									Lightning struck and destroyed the 1948 Opheim-Booth building along Highway 2 in Thedford. The building was being used to store a few computers and other merchandise for sale.
Cherry County									
6 W Brownlee	15	1920CST			0	0	1K		Hail(1.25)
Lincoln County									
5 SSW Sutherland	17	1455CST			0	0			Hail(0.75)
Lincoln County									
1 W Sutherland to 3 E Sutherland	17	1457CST			0	0	18K	1K	Hail(1.75)
Lincoln County									
Sutherland	17	1459CST			0	0			Hail(1.00)
Lincoln County									
2 SSW Hershey	17	1506CST	0.1	20	0	0			Tornado (F0)
									A trained weather spotter recorded a brief tornado touchdown in an open field near Highway 30 west of North Platte.
Lincoln County									
5 W North Platte	17	1526CST	0.1	20	0	0			Tornado (F0)
									Storm chasers recorded a weak tornado touchdown briefly in an open field.
Mcpheerson County									
11 SSE Tryon	17	1553CST			0	0			Hail(0.75)
Mcpheerson County									
12 SE Tryon	17	1600CST			0	0			Hail(1.00)
									Hail covered the ground.
Lincoln County									
4 SW North Platte	17	1601CST			0	0			Hail(1.00)
Blaine County									
Purdum	17	1620CST			0	0			Hail(1.00)
Logan County									
5 W Stapleton	17	1630CST			0	0			Hail(1.00)
									Hail covered the ground.
Blaine County									
5 SSE Purdum	17	1650CST			0	0			Hail(1.00)
Blaine County									
5 SSE Purdum	17	1650CST			0	0	2K		Thunderstorm Wind (G52)
									Thunderstorm winds tore numerous shingles off of a house at a farmstead.
Lincoln County									
17 NNE North Platte	17	1652CST			0	0			Hail(0.88)
Logan County									
10 ESE Stapleton	17	1659CST			0	0			Hail(1.00)
Brown County									
15 S Ainsworth	17	1700CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>NEBRASKA, Central</u>									
Custer County									
14 NW Callaway	17	1710CST			0	0			Hail(1.00)
Rock County									
7 WSW Bassett	17	1748CST			0	0			Hail(0.88)
Custer County									
(Bbw)Broken Bow Arpt	17	1759CST			0	0			Thunderstorm Wind (G52)
Custer County									
3 W Mason City	17	1906CST			0	0			Hail(0.88)
Perkins County									
Madrid	23	1524MST			0	0	10K	2K	Hail(1.50)
Chase County									
9 N Champion	23	1538MST			0	0			Hail(0.75)
Chase County									
10 WSW Champion	23	1646MST			0	0	4K	1K	Hail(1.25)
Lincoln County									
6 SSW Hershey	23	1729CST			0	0	8K	2K	Hail(1.75)
Lincoln County									
7 S North Platte	23	1738CST			0	0	8K	2K	Hail(1.75)
Lincoln County									
1 N North Platte	23	1815CST			0	0			Hail(0.88)
Lincoln County									
1 NE North Platte	23	1818CST			0	0			Hail(1.00)
Lincoln County									
Hershey	23	1847CST			0	0	10K		Hail(1.75)
Custer County									
4 NNE Arnold	23	1910CST			0	0	2K		Hail(1.75)
Custer County									
8 ENE Arnold	23	1915CST			0	0			Hail(1.00)
Wheeler County									
14 NE Bartlett	24	1438CST			0	0			Hail(0.88)
Wheeler County									
15 NE Bartlett	24	1445CST			0	0			Hail(0.88)
Custer County									
10 SW Merna	24	1910CST			0	0			Hail(0.88)
Grant County									
2 NW Hyannis	24	2300MST			0	0			Hail(0.75)
Frontier County									
4 NW Curtis	28	1110CST			0	0			Hail(1.00)
Frontier County									
9 NE Stockville	28	1130CST			0	0			Hail(0.88)
<u>NEBRASKA, East</u>									
Boone County									
Cedar Rapids	07	1913CST			0	0			Hail(0.75)
Boone County									
2 E Cedar Rapids	07	1934CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NEBRASKA, East</u>									
Cedar County									
2 NE Magnet	07	1955CST			0	0			Thunderstorm Wind (G50)
									The thunderstorm wind gusts estimated at 60 mph were accompanied by nickel size hail.
Cedar County									
2 NE Magnet	07	1955CST			0	0			Hail(0.88)
									The hail was accompanied by thunderstorm wind gusts estimated at 60 mph.
Madison County									
Norfolk	07	2015CST			0	0			Hail(0.88)
Madison County									
Meadow Grove	07	2019CST			0	0			Hail(1.00)
Madison County									
2 NNW Newman Grove	07	2025CST			0	0			Hail(0.75)
Boone County									
Cedar Rapids	07	2053CST			0	0			Hail(0.75)
Madison County									
2 SW Battle Creek	07	2054CST			0	0			Hail(0.75)
Pierce County									
Hadar	07	2115CST			0	0			Hail(0.75)
Wayne County									
2 NW Carroll	07	2130CST			0	0			Hail(0.75)
Boone County									
4 W St Edward	07	2140CST			0	0			Hail(0.88)
Madison County									
Battle Creek	07	2140CST			0	0			Hail(0.88)
									Accompanied by wind gusts estimated at 40 to 50 mph.
Pierce County									
Hadar	07	2142CST			0	0			Hail(0.88)
Madison County									
Battle Creek	07	2148CST			0	0			Hail(0.75)
Cedar County									
3 SE Belden	07	2205CST			0	0			Hail(0.88)
Madison County									
Madison	07	2220CST			0	0			Hail(0.75)
Douglas County									
Omaha	08	1445CST 1505CST			0	0			Hail(1.00)
									Hail up to 1 inch in diameter was reported at 70th and Charles, 90th and Pacific and 108th and Polk Streets in Omaha.
Sarpy County									
1 W Papillion	08	1448CST			0	0			Hail(0.75)
Gage County									
Blue Spgs	08	1633CST			0	0			Hail(0.75)
Douglas County									
3 SW Bennington	08	1700CST			0	0			Hail(0.75)
Pawnee County									
Lewiston	08	1705CST			0	0			Hail(0.75)
Washington County									
3 E Kennard	08	1718CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NEBRASKA, East</u>									
Washington County Blair	08	1732CST 1738CST			0	0			Hail(1.00)
Washington County Blair	08	1755CST			0	0			Hail(0.88)
Penny to nickel size hail was reported along with street flooding.									
Dodge County North Bend	10	2055CST			0	0			Hail(0.88)
Dodge County Fremont	10	2112CST			0	0			Hail(0.88)
Douglas County 3 NNW Elkhorn	10	2122CST			0	0			Hail(0.75)
Dodge County 2 E Fremont	10	2125CST			0	0			Hail(0.88)
Washington County 1 E Arlington	10	2125CST			0	0			Hail(0.88)
Seward County 2 N Utica	10	2128CST			0	0			Hail(1.00)
Douglas County 3 NNW Elkhorn	10	2143CST			0	0			Hail(0.75)
Douglas County 3 NE Elk City	10	2144CST			0	0			Hail(1.00)
Douglas County Elkhorn	10	2144CST			0	0			Thunderstorm Wind (G50)
Thunderstorm wind gusts were estimated at 60 mph by a trained spotter.									
Douglas County 1 N Valley	10	2150CST			0	0			Hail(1.00)
One inch hail was measured at the NWS office near Valley.									
Washington County 6 SSW Blair	10	2150CST			0	0			Thunderstorm Wind (G61)
A thunderstorm wind gust of 70 mph was measured at Eagle Airfield southwest of Blair.									
Douglas County 2 S Elkhorn	10	2155CST			0	0			Hail(0.88)
Douglas County Omaha	10	2200CST 2210CST			0	0	500K		Thunderstorm Wind (G54)
Thunderstorm wind gusts that were measured at 62 mph by the Omaha Eppley Asos caused scattered tree...fence and building damage in Omaha. Most of the reports of tree damage were on the western or northern sections of town and included a 30 year-old ash that fell on a house north of Dodge Park, a large maple tree that fell on a home near 24th and Vane Street, a 60-foot evergreen that fell onto a house and car near 38th and Cuming Streets, 4 to 6 inch limbs downed near 210th and Maple and 10 inch tree limbs downed near 32nd and Tucker. A construction crane was blown over onto a performing arts building downtown causing \$300,000 worth of damage. OPPD reported that around 13,000 customers lost their power from the storms.									
Douglas County Omaha	10	2200CST			0	0			Hail(0.75)
Reported near 32nd and Tucker and was accompanied by wind gusts that took down a 10 inch tree limb.									
Douglas County Omaha	10	2205CST			0	0			Hail(0.88)
Near 210th and Maple.									
Lancaster County 6 WNW Davey to 6 ESE Davey	10	2220CST 2228CST			0	0			Hail(1.75)
Hail up to golf ball size was reported from around 6 miles west northwest of Davey to 6 miles east southeast of town.									

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>NEBRASKA, East</u>									
Saunders County									
Ceresco	10	2228CST			0	0			Hail(0.88)
Nickel size hail was reported along with 50 mph winds.									
Douglas County									
Ralston	10	2230CST			0	0			Thunderstorm Wind (G50)
Thunderstorm wind gusts of 60 mph were estimated by a trained spotter in Ralston.									
Sarpy County									
2 N Gretna	10	2235CST			0	0			Thunderstorm Wind (G52)
A thunderstorm wind gust of 60 mph was measured by home weather equipment.									
Saunders County									
2 NW Ashland	10	2245CST			0	0			Hail(0.88)
Saunders County									
2 NW Ashland	10	2245CST			0	0			Hail(0.88)
Sarpy County									
La Vista	10	2255CST			0	0			Thunderstorm Wind (G55)
Thunderstorm wind gusts estimated at 65 mph knocked down several 8 to 12 inch tree limbs which blocked a street in La Vista.									
Sarpy County									
Bellevue	10	2257CST			0	0			Thunderstorm Wind (G50)
Thunderstorm wind gusts were estimated at 60 mph by the public.									
Dodge County									
2 E Hooper	11	0000CST			0	0			Hail(0.75)
Gage County									
3 SE Odell	11	1805CST			0	0			Hail(0.88)
Jefferson County									
Endicott	11	1853CST			0	0			Hail(0.75)
Jefferson County									
Steele City	11	1855CST			0	0			Hail(0.75)
Jefferson County									
Fairbury	11	1900CST			0	0			Hail(0.75)
Jefferson County									
1 W Diller	11	1912CST			0	0			Hail(0.88)
Jefferson County									
5 SE Jansen	11	1915CST			0	0			Hail(0.75)
Saunders County									
Ceresco	11	1915CST			0	0			Hail(0.75)
Jefferson County									
10 N Fairbury	11	1920CST 1929CST			0	0			Hail(0.88)
Hail up to nickel size fell for around 9 minutes 10 miles north of Fairbury.									
Gage County									
4 N Odell	11	1930CST			0	0			Hail(0.75)
Pawnee County									
Burchard	11	1941CST			0	0			Hail(1.00)
Jefferson County									
10 N Fairbury	11	1945CST			0	0			Hail(1.25)
Pawnee County									
5 S Steinauer	11	2005CST			0	0			Hail(0.88)
Gage County									
Beatrice	11	2005CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

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									
NEZ030									
Boone									
	11	2210CST			0	0			High Wind (G50)
Non-thunderstorm gradient winds estimated at 60 mph blew down a 30 foot storage shed 5 miles west of Albion and destroyed a cattle shed 4 miles north of Albion. The winds were in the rain wake area of a cluster of thunderstorms well off to the east. The Awos at Albion recorded sustained easterly winds of 30 to 35 mph with gusts to 45 to 50 mph during this time period.									
Seward County									
Utica									
	11	2238CST			0	0			Thunderstorm Wind (G70)
A trained spotter estimated that thunderstorm wind gusts over 80 mph blew a shed away near Utica.									
Butler County									
Linwood									
	12	0300CST 0800CST			0	0			Flash Flood
Three to 5 inches of rain caused localized flash flooding along Skull Creek near Linwood. The flooding covered several square miles of pasture land, spread debris across a few county roads and briefly completely surrounded a farmstead near town.									
Seward County									
Countywide									
	12	0400CST 0900CST			0	0			Flash Flood
Heavy rain flooded several county roads along Lincoln Creek and other tributaries of the Big Blue River. Rainfall of 3 to 4 inches likely fell over much of the county this night.									
NEZ065									
Seward									
	12	0700CST			0	0	200K		Flood
	15	0015CST							
Very heavy rain fell along the Lincoln Creek and Big Blue River basins in Seward county and locations upstream. Rainfall of 3 to 5 inches was common over this area during the 24 hours ending on the morning of May 12th. The rain caused Lincoln Creek, the Big Blue River and Plum Creek to flood near Seward. Lincoln Creek reached 19.8 feet at 745 pm May 12th, flood stage is 15 feet. The Big Blue River reached 19.5 feet at 1000 pm May 14th, flood stage is 18 feet. Both the Creek and River dropped below flood stage by the 15th. Farm fields and many county roads from around Staplehurst to near Seward were flooded along with some farm outbuildings and a few basements of farm homes. A few homes were completely surrounded by water for a time. It was estimated that the flooding caused around \$140,000 worth of damage to county roads alone.									
Lancaster County									
3 SE Bennet									
	12	1400CST			0	0			Hail(0.75)
Lancaster County									
Panama									
	12	1400CST			0	0			Hail(0.75)
Otoe County									
5 N Douglas									
	12	1420CST			0	0			Hail(0.88)
Hail up to nickel size fell along with 1.5 inches of rain in 20 minutes.									
Otoe County									
3 E Syracuse									
	12	1456CST 1500CST			0	0			Thunderstorm Wind (G70)
Thunderstorm wind gusts estimated at over 80 mph caused tree damage east of Syracuse. The damage was initially reported to have been caused by a tornado, but a survey done by the emergency manager revealed that the damage was probably due to straight line winds.									
Otoe County									
3 E Syracuse									
	12	1515CST			0	0			Thunderstorm Wind (G70)
Thunderstorm wind gusts estimated at over 70 mph snapped trees in half near Highway 2 and the Otoe spur intersection. This event was a continuation of the damaging winds in the area that began a little before 400 pm local time and originally was reported as a tornado.									
NEZ051									
Saunders									
	12	1530CST			0	0			Flood
	13	0200CST							
Heavy rain that fell Wednesday night 5/11/05 caused Wahoo Creek and it's tributaries to flood Thursday. The flooding closed several county roads, including briefly closing Highway 77 east of Wahoo. Flood waters also caused significant damage to the Wahoo Wastewater Treatment Plant and also overspread the fairgrounds and stockyards near town. Wahoo Creek at Ithaca reached 20.4 feet at 1115 pm cdt on Thursday the 12th, flood stage is 19 feet. The creek at Ithaca first reached flood stage at 445 pm Thursday afternoon and didn't drop below flood stage until 300 am Friday morning. Heavier rain amounts for the 24 hours that ended at 7 am Thursday morning included 3.82 inches at Prague and 3.15 inches in Malmo.									

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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

Otoe County

Countywide

12	1537CST				0	1			Flash Flood
16	1745CST								

Heavy rain caused flash flooding across parts of Otoe county...mainly rural county roads around the Dunbar...Syracuse...Unadilla and Douglas areas. A Weeping Water man driving a pickup truck was swept off of county road 62 in extreme southern Otoe county by flood waters. He managed to free himself and swim to safety suffering only minor injuries. Part of highway 67 just north of Dunbar was washed out and water was reported over a bridge near minimum maintenance County Road F and County Road 36. Rainfall of 2 to 6 inches was reported across the county, with much of it falling between 4 and 5 pm.

NEZ078

Saline

12	2330CST				0	0	3K		Flood
16	0700CST								

Rainfall of at least 3 to 5 inches fell overnight leading into May 12th over the upper reaches of the Big Blue River. This caused both the West Fork of the Big Blue River and the Big Blue River to flood from around Dorchester through Crete. The West Fork near Dorchester hit 21 feet at 7am on 5/13/05. Flood stage is 15 feet. The Big Blue River reached 26.3 feet in Crete at 830 pm on 5/14/05, flood stage is 18 feet. The flooding affected mainly agricultural lands in Saline county, but some county roads were flooded and the flood waters even briefly crossed a few streets in Crete. Damage to roads was much less than across Seward county, with damage estimated at less than \$2,500.

Butler County

Bellwood

17	2315CST				0	0			Hail(0.75)
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Accompanied by 40 to 50 mph winds.

Colfax County

2 SE Schuyler

17	2315CST				0	0			Hail(0.75)
18	2315CST								

Dodge County

1 S Snyder

17	2354CST				0	0			Hail(1.00)
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The hail covered the ground.

Dodge County

2 W Hooper

18	0000CST				0	0			Hail(0.75)
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Burt County

Tekamah

18	0043CST				0	0			Hail(0.88)
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Sarpy County

3 NE Gretna

18	0130CST				0	0			Hail(0.75)
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Mostly 1/2 inch or less.

Douglas County

Omaha

18	0200CST				0	0			Hail(0.75)
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Near 96th and Q Streets.

Pierce County

4 NE Osmond

24	1445CST				0	0			Hail(1.00)
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Antelope County

10 SSW Clearwater

24	1445CST				0	0			Hail(1.25)
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Antelope County

10 SSW Clearwater

24	1520CST				0	0			Hail(0.88)
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From the second storm to hit within an hour.

Antelope County

4 WSW Brunswick

24	1535CST				0	0			Hail(0.75)
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Lancaster County

7 N Waverly

31	1415CST				0	0			Hail(0.75)
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Saunders County

1 NW Ashland

31	1420CST				0	0			Hail(0.75)
	1430CST								

Hail around penny size fell for 10 minutes near Ashland.

Douglas County

7 SW Elkhorn

31	1508CST				0	0			Hail(0.75)
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Storm Data and Unusual Weather Phenomena

May 2005

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, East

Sarpy County

Gretna to 5 ENE Gretna	31	1531CST 1551CST			0	0			Hail(1.00)
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Hail up to 1 inch in diameter fell in Gretna and at least to 5 miles east northeast of town for around 20 minutes. The hail caused some minor car damage.

Sarpy County

3 S Papillion to 2 SW Papillion	31	1625CST 1634CST			0	0			Hail(0.75)
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Hail up to penny size fell south of Papillion for about 10 minutes.

Sarpy County

La Vista	31	1651CST			0	0			Hail(0.75)
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Douglas County

Ralston	31	1705CST			0	0			Hail(0.75)
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Douglas County

Omaha	31	1720CST			0	0			Hail(1.00)
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Near Saddle Creek and Dodge Streets.

NEBRASKA, Extreme Northeast

NEBRASKA, Extreme Southwest

Dundy County

Haigler	06	1425MST			0	0			Hail(1.00)
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Ground completely white from hail.

Dundy County

Haigler	06	1439MST			0	0			Hail(1.25)
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Dundy County

14 N Haigler	06	1450MST			0	0			Hail(2.00)
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Dundy County

5 W Haigler	06	1455MST			0	0			Hail(0.88)
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Dundy County

6 NE Haigler	06	1548MST			0	0			Hail(2.00)
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Dundy County

17 NW Parks	06	1615MST			0	0			Hail(1.00)
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Dundy County

Benkelman	07	1230MST			0	0			Hail(0.75)
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Hitchcock County

7 SW Trenton	11	1314MST			0	0			Hail(1.00)
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Hitchcock County

Palisade	11	1335MST			0	0			Hail(1.75)
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South side of town.

Hitchcock County

8 NW Culbertson	11	1338MST			0	0			Hail(1.75)
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Hitchcock County

Palisade	11	1350MST			0	0			Hail(1.00)
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Hitchcock County

.3 N Trenton	11	1350MST 1351MST	0.3	25	0	0			Tornado (F0)
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Brief touchdown over open field near Highway 25 and Highway 36. No known damage.

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, Extreme Southwest</u>									
Dundy County 5 NNW Haigler	11	1550MST			0	0			Hail(0.75)
Dundy County 6 NW Haigler	11	1555MST			0	0			Hail(1.75)
Dundy County 5.5 W Parks	11	1615MST 1616MST	0.3	25	0	0			Tornado (F0)
			Brief touchdown over open fields. No known damage.						
Dundy County 9.7 N Benkelman	11	1634MST 1635MST	0.3	25	0	0			Tornado (F0)
			Brief touchdown over open field. No known damage.						
Dundy County 17 NW Parks	11	1645MST			0	0			Hail(1.25)
Dundy County 5 NW Parks	11	1729MST			0	0			Hail(0.75)
Dundy County 17 NW Parks	11	1733MST			0	0			Hail(1.25)
Hitchcock County Palisade	11	1844MST			0	0			Hail(1.00)
Dundy County 22 NNW Haigler to 9 W Haigler	23	1602MST			0	0			Hail(1.50)
Dundy County 20 N Haigler	23	1630MST			0	0			Hail(0.75)
Dundy County Haigler	24	1620MST			0	0			Thunderstorm Wind (G61)
Red Willow County Mc Cook	28	1151MST			0	0			Hail(1.00)
<u>NEBRASKA, South Central</u>									
Furnas County 7 NW Oxford	07	1510CST			0	0	25K	150K	Hail(1.75)
Furnas County Oxford	07	1518CST			0	0	0	0	Hail(1.25)
Harlan County 1 E Oxford	07	1518CST			0	0	0	0	Hail(0.75)
Phelps County Loomis	07	1530CST			0	0	25K	75K	Hail(1.75)
Phelps County 5 SW Holdrege	07	1540CST			0	0	25K	75K	Hail(1.75)
Phelps County Atlanta	07	1545CST			0	0	0	0	Hail(1.00)
Phelps County 5 S Holdrege to 3.5 NE Holdrege	07	1556CST 1610CST	9	60	0	0	250K	0	Tornado (F0)
			A tornado hit two farmsteads and the airport near Holdrege causing minor damage along its path.						
Buffalo County Kearney	07	1618CST			0	0	0	0	Hail(0.75)

Storm Data and Unusual Weather Phenomena

May 2005

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									
Kearney County									
3 NW Axtell	07	1618CST	0.1	30	0	0	0	0	Tornado (F0)
Storm spotters reported a brief tornado near the county line northwest of Axtell. No damage was reported.									
Buffalo County									
Kearney	07	1631CST			0	0	1M	0	Hail(2.75)
Hail ranging in size from golf balls to baseballs pounded Kearney. Nine sheriff's deputy cars were damaged by the hail									
Buffalo County									
2 S Kearney	07	1639CST	0.1	30	0	0	0	0	Tornado (F0)
A brief tornado was reported by trained storm spotters near the Platte River just south of Kearney. No damage was noted.									
Buffalo County									
1 NE Kearney	07	1646CST			0	0	0	0	Hail(1.00)
Buffalo County									
1 W Gibbon to 1 NW Gibbon	07	1700CST 1705CST	1.5	45	0	0	50K	0	Tornado (F0)
A tornado passed just northwest of Gibbon and tossed a barn on top of a garage at a farm northwest of town.									
Buffalo County									
3 E Kearney	07	1700CST	0.1	30	0	0	0	0	Tornado (F0)
A brief tornado was reported by a NWS employee and other trained storm spotters just east of Kearney. No damage was noted.									
Buffalo County									
10 NW Gibbon to 9 N Shelton	07	1715CST 1725CST	9	90	0	0	25K	0	Tornado (F0)
A tornado skipped along a path from northwest of Gibbon to north of Shelton. The tornado only caused minor damage along its path, but was easily sighted from just about any direction.									
Hall County									
5 N Wood River to 5.5 N Wood River	07	1730CST 1733CST	0.5	30	0	0	0	0	Tornado (F0)
A brief tornado was reported by an off duty NWS employee and trained spotters 5 miles north of Wood River. No damage was noted.									
Howard County									
2 E Boelus	07	1730CST			0	0	0	0	Hail(1.00)
Hall County									
3 S Cairo	07	1735CST			0	0	25K	0	Hail(1.75)
Hall County									
2 NE Cairo	07	1743CST			0	0	0	0	Hail(0.75)
Howard County									
3 SE Dannebrog	07	1748CST			0	0	25K	0	Hail(1.50)
Howard County									
St Paul	07	1757CST			0	0	0	0	Hail(0.75)
Buffalo County									
Miller	07	1810CST			0	0	0	0	Hail(0.75)
Howard County									
5 NE Boelus	07	1815CST			0	0	0	0	Hail(0.88)
Merrick County									
1 W Palmer	07	1815CST			0	0	100K	0	Hail(2.00)
Howard County									
4 NE Cushing	07	1824CST			0	0	0	0	Hail(0.75)
Howard County									
Farwell	07	1827CST			0	0	0	0	Hail(0.88)
Nance County									
4 E Belgrade to 4.5 E Belgrade	07	1835CST 1836CST	0.5	30	0	0	0	0	Tornado (F0)
A very brief tornado was reported east of Belgrade. The tornado caused no damage.									

Storm Data and Unusual Weather Phenomena

May 2005

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

Howard County									
St Paul	07	1840CST			0	0	0	0	Hail(0.88)
Nance County									
Belgrade	07	1840CST			0	0	0	0	Hail(1.00)
Greeley County									
Wolbach	07	2015CST			0	0	0	0	Hail(1.00)
Howard County									
Boelus	07	2031CST			0	0	0	0	Hail(1.00)
Howard County									
Dannebrog	07	2037CST			0	0	0	0	Hail(0.75)
Howard County									
1 W Dannebrog	07	2052CST			0	0	0	0	Hail(1.00)
Howard County									
St Paul	07	2105CST			0	0	0	0	Hail(1.00)

The initial "big" severe weather event for the 2005 season was quite a deal across south central Nebraska as several tornadoes were sighted. Of all the tornadoes, the most significant one occurred just east of Holdrege. The tornado set down south of Holdrege and bounced its way to the northeast side of town. About 5 miles south of Holdrege, two sheds were destroyed. This tornado damaged a hanger at Brewster Field and hit another farm just northeast of town. Five windows were blown out in the farm house along with other minor house damage. A barn was destroyed. Across the road, a center pivot irrigation system was heavily damaged.

As the evening continued, there were numerous other tornado reports from Holdrege to east of Kearney. In Buffalo County, several twisters were sighted. One tornado displaced a barn onto a garage at a farm northwest of Gibbon. Another tornado kicked up quite a large dust cloud, but fortunately was in open county as it passed well north of Shelton. In Hall County, yet another tornado set down north of Wood River, but again causing no damage.

The severe thunderstorms brought the usual entourage of hail, some wind and a little rain. Hail to the size of baseballs was reported in Kearney and there was vehicle and home damage scattered throughout the city. Golf ball size hail was reported at Oxford. Moth ball size hail was reported at Loomis and two inch in diameter size hail was reported near Palmer.

Buffalo County									
2 S St Michael	10	1755CST			0	0	25K	0	Hail(1.75)
Hall County									
6 W Cairo	10	1800CST			0	0	25K	0	Hail(1.75)
Buffalo County									
1 S Gibbon	10	1810CST			0	0	0	0	Funnel Cloud
Sherman County									
Rockville	10	1810CST			0	0	25K	0	Hail(1.75)
Hall County									
1 W Grand Is	10	1812CST			0	0	0	0	Funnel Cloud
Howard County									
6 E Boelus	10	1812CST			0	0	250K	0	Hail(2.75)
Hall County									
Cairo	10	1815CST			0	0	100K	0	Hail(1.75)
Phelps County									
Holdrege	10	1815CST			0	0	0	0	Funnel Cloud
Hall County									
2 S Cairo	10	1816CST			0	0	0	0	Funnel Cloud
Kearney County									
Minden	10	1817CST			0	0	0	0	Funnel Cloud
Kearney County									
Minden	10	1825CST			0	0	100K	0	Hail(2.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, South Central</u>									
Hall County									
Wood River	10	1830CST			0	0	0	0	Funnel Cloud
Howard County									
Dannebrog	10	1845CST			0	0	25K	0	Hail(1.50)
Hall County									
10 W Grand Is	10	1850CST			0	0	25K	0	Hail(1.75)
Hall County									
Grand Is	10	1855CST			0	0	100K	0	Hail(1.75)
Howard County									
St Libory	10	1858CST			0	0	0	0	Hail(1.00)
Hall County									
6 N Grand Is	10	1905CST			0	0	25K	0	Thunderstorm Wind (G61)
Hall County									
4 NE Wood River	10	1910CST			0	0	0	0	Hail(0.75)
Hall County									
1 S Grand Is Arpt	10	1914CST			0	0	100K	0	Thunderstorm Wind (G61)
Hall County									
4 SE Grand Is	10	1925CST			0	0	50K	0	Thunderstorm Wind (G61)
York County									
2 N York	10	1925CST			0	0	0	0	Hail(0.75)
Merrick County									
5 N Chapman	10	1940CST			0	0	25K	0	Hail(1.75)
Merrick County									
2 E Chapman	10	1945CST			0	0	0	0	Thunderstorm Wind (G51)
Merrick County									
2 W Central City	10	2005CST			0	0	25K	0	Hail(1.75)
Hamilton County									
2 S Marquette	10	2010CST			0	0	50K	0	Thunderstorm Wind (G61)
Polk County									
8 W Osceola	10	2015CST			0	0	0	0	Funnel Cloud
Hamilton County									
1 SE Aurora Aaron Arpt	10	2020CST	0.1	30	0	0	0	0	Tornado (F0)
A brief tornado was caught on video tape just southeast of the Aurora Airport in an open field. No damage was reported.									
Polk County									
6 E Polk	10	2025CST			0	0	0	0	Funnel Cloud
Hamilton County									
3 SE Hordville	10	2030CST			0	0	25K	0	Hail(1.50)
York County									
Bradshaw	10	2030CST			0	0	25K	0	Thunderstorm Wind (G61)
York County									
3 W Benedict	10	2035CST			0	0	0	0	Hail(1.00)
Polk County									
1 W Stromsburg	10	2041CST	0.1	50	0	0	0	0	Tornado (F0)
A tornado was reported and photographed by a group of storm chasers near Stromsburg. No damage was noted.									
York County									
3 N York	10	2041CST			0	0	0	0	Funnel Cloud
York County									
Waco	10	2100CST			0	0	0	0	Hail(0.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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

York County

3 N York	10	2100CST			0	0	25K	0	Hail(1.75)
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Polk County

Shelby	10	2125CST			0	0	25K	0	Hail(1.75)
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York County

Gresham	10	2129CST			0	0	0	0	Hail(1.00)
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A wild night of weather was sparked by a large super cell thunderstorm which traveled from northwest of Grand Island to north of York. Along its path, there were numerous reports of funnels, large hail, high winds and even a couple of tornadoes. The tornadoes were recorded on video and digital pictures near Aurora and Stromsburg just after sunset. No damage was noted in either case.

Earlier in the evening near Grand Island, numerous funnels and rear flank downdraft induced near surface circulations occurred. Strong winds near the airport destroyed a construction trailer. Minor damage was reported southeast of town. Near Marquette in Hamilton County, straight line winds destroyed an empty grain bin. Near the origin of the storm, baseball size hail was reported near Centura High School north of Cairo. There were numerous reports of hail large than quarters and wind gusts over 60 mph with the storm. Finally, on the flanking line, baseball size hail pummeled a car north of Minden and there was some minor damage to the lumber yard.

Kearney County

1 E Norman	11	1440CST			0	0	0	0	Hail(0.75)
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Kearney County

3 SW Minden	11	1448CST			0	0	0	0	Hail(1.00)
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Webster County

11 N Red Cloud	11	1448CST			0	0	0	100K	Hail(1.00)
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Adams County

2 S Roseland	11	1509CST			0	0	0	0	Hail(0.88)
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Furnas County

3 SE Hollinger	11	1510CST			0	0	0	0	Hail(0.75)
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Adams County

2 S Ayr	11	1514CST			0	0	0	0	Funnel Cloud
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Kearney County

1 E Minden	11	1520CST			0	0	0	0	Funnel Cloud
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Adams County

3 SW Hastings	11	1526CST			0	0	0	0	Hail(0.88)
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Adams County

1 S Hastings	11	1540CST			0	0	25K	75K	Hail(1.50)
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Adams County

3 S Hastings	11	1552CST			0	0	25K	75K	Hail(1.75)
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Buffalo County

1 W Gibbon	11	1553CST			0	0	0	0	Hail(0.75)
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Dawson County

Gothenburg	11	1603CST			0	0	0	0	Hail(1.00)
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Buffalo County

Gibbon	11	1608CST			0	0	0	0	Hail(0.75)
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Adams County

10 S Hastings to 5 N Hastings	11	1610CST 1635CST			0	0	40M	2.5M	Hail(2.75)
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A super cell thunderstorm pummeled the Hastings area with baseball size hail, torrential rain and strong winds. The hail was as large as baseballs, and was reported anywhere from about 10 miles south of Hastings to 5 miles north of Hastings. Damage was widespread throughout the central part of the county.

Gosper County

8 S Elwood	11	1610CST			0	0	0	0	Hail(0.88)
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Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, South Central</u>									
Gosper County									
5 W Elwood	11	1619CST			0	0	0	0	Hail(1.00)
Adams County									
3 NW Kenesaw	11	1623CST			0	0	50K	0	Hail(1.50)
Gosper County									
8 S Elwood	11	1630CST			0	0	0	0	Thunderstorm Wind (G51)
Clay County									
1 N Sutton	11	1653CST			0	0	0	0	Hail(1.00)
Adams County									
5 E Hastings	11	1657CST			0	0	0	0	Funnel Cloud
Dawson County									
1 W Lexington	11	1705CST			0	0	25K	0	Hail(1.75)
Gosper County									
Johnson Res	11	1718CST			0	0	25K	0	Thunderstorm Wind (G61)
Dawson County									
Lexington	11	1720CST			0	0	25K	0	Hail(1.75)
Hall County									
2 N Wood River	11	1728CST			0	0	0	0	Hail(1.00)
Dawson County									
6 SE Gothenburg	11	1730CST			0	0	40K	0	Thunderstorm Wind (G61)
Dawson County									
1 S Overton	11	1736CST			0	0	0	0	Hail(1.00)
Dawson County									
4 S Darr	11	1740CST			0	0	40K	0	Thunderstorm Wind (G61)
Gosper County									
7 NE Elwood	11	1740CST			0	0	25K	0	Thunderstorm Wind (G51)
Dawson County									
Countywide	11	1800CST 2350CST			0	0	3M	1M	Flash Flood
Dawson County									
6 W Lexington	11	1800CST			0	0	0	0	Thunderstorm Wind (G51)
Buffalo County									
6 NW Amherst	11	1815CST 1835CST			0	0	50K	250K	Hail(1.75)
Three different hail storms were reported over a 20 minute period, with hail sizes ranging from dime to golf balls.									
Buffalo County									
1 NE Elm Creek	11	1830CST			0	0	100K	100K	Thunderstorm Wind (G51)
Buffalo County									
Odessa	11	1857CST			0	0	0	0	Funnel Cloud
Adams County									
Countywide	11 12	1900CST 0200CST			0	0	10M	5M	Flash Flood
Buffalo County									
Countywide	11 12	1900CST 0200CST			0	0	2M	5M	Flash Flood
Gosper County									
Countywide	11 12	1900CST 0200CST			0	0	1M	250K	Flash Flood
Hall County									
Countywide	11 12	1900CST 0200CST			0	0	10M	5M	Flash Flood

Storm Data and Unusual Weather Phenomena

May 2005

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

Torrential rainfall of 5 to 11 inches during the evening led to widespread flash flooding over Adams, Buffalo, and Hall counties throughout the evening.

Hamilton County									
Countywide	11 12	1900CST 0200CST			0	0	2M	500K	Flash Flood
Howard County									
South Portion	11 12	1900CST 0200CST			0	0	2M	250K	Flash Flood
Kearney County									
Countywide	11 12	1900CST 0200CST			0	0	3M	1M	Flash Flood
Merrick County									
Countywide	11 12	1900CST 0200CST			0	0	3M	500K	Flash Flood
Nance County									
Countywide	11 12	1900CST 0200CST			0	0	1M	250K	Flash Flood
Phelps County									
Countywide	11 12	1900CST 0200CST			0	0	1M	500K	Flash Flood
Adams County									
Prosser	11	1908CST			0	0	0	0	Hail(1.00)
Phelps County									
Holdrege	11	1915CST			0	0	0	0	Hail(1.00)
Hall County									
Grand Is	11	1917CST 1925CST			0	0	10K	0	Hail(1.00)
Fillmore County									
6 W Milligan	11	1954CST			0	0	0	0	Hail(1.25)
Fillmore County									
Exeter	11	2011CST			0	0	0	0	Hail(1.25)
Clay County									
Sutton	11	2025CST			0	0	25K	100K	Hail(1.75)
York County									
Mc Cool Jct	11	2057CST			0	0	0	0	Hail(1.00)
Fillmore County									
Countywide	11 12	2100CST 0300CST			0	0	2M	1M	Flash Flood
York County									
Countywide	11 12	2100CST 0300CST			0	0	2M	1M	Flash Flood
Hall County									
Wood River	11	2105CST	0.1	30	0	0	125K	0	Tornado (F0)
A brief tornado hit a house on the south side of Wood River.									
Buffalo County									
Shelton	11	2114CST			0	0	25K	0	Hail(1.75)
Hall County									
1 S Grand Is	11	2115CST			0	0	0	0	Hail(1.00)
York County									
Mc Cool Jct	11	2122CST			0	0	0	0	Hail(1.25)
Hall County									
Wood River	11	2127CST			0	0	50K	250K	Hail(1.75)

Storm Data and Unusual Weather Phenomena

May 2005

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									
Fillmore County									
Grafton	11	2133CST			0	0	50K	0	Thunderstorm Wind (G61)
York County									
2 S Mc Cool Jct	11	2133CST			0	0	75K	0	Thunderstorm Wind (G61)
Adams County									
Prosser	11	2135CST			0	0	100K	0	Thunderstorm Wind (G61)
Hall County									
Grand Is	11	2221CST			0	0	100K	0	Hail(2.00)
Fillmore County									
Shickley	11	2233CST			0	0	0	0	Hail(1.00)
Buffalo County									
4 S Pleasanton	11	2300CST			0	0	75K	250K	Hail(1.75)
Buffalo County									
13 NW Pleasanton	11	2308CST			0	0	75K	250K	Hail(1.75)
Merrick County									
Central City	12	0014CST			0	0	500K	0	Thunderstorm Wind (G72)

Though well predicted, the severe weather and flooding on the night of May 11 was even worse than imagined. Thunderstorms ravaged a large part of south central Nebraska with hail, high winds, a tornado and catastrophic flooding.

During evening and early morning hours, 4 to 12 inches of fell from Dawson County east to York County. At Kenesaw and Wood River, over 11 inches of rain was measured. The city of Grand Island set a rainfall record for a single event with 7.21 inches of rain. Statically, this event was a 100 year rain and flood event for the area.

In Wood River, 12 people were evacuated due to rising water. It was estimated every structure in Wood River sustained some sort of storm damage and wave after wave of severe thunderstorms pounded the town. Twelve homes sustained severe damage. The Wood River crested at 9 feet in town and flooding most streets. Thirty-six homes were evacuated in the city of Grand Island as flooding was rampant over the west and north part of the city. The city's sewer system handled about 75 million gallons of water, or about 6 times the normal amount during the storm. Many parts of the business and residential districts sustained flood damage as the Prairie, Silver and Moores Creeks flooded. The Wood River near Alda, which had been dry for three years, tied a record with a crest of 12.2 feet early on the 12th. Elsewhere, three miles of roads were washed out in Kearney County and 15 miles of roads were damaged in Merrick County. Ten bridges were damaged in Merrick County as well. In York County, emergency rescues, one by helicopter and one by air boat, were made to retrieve stranded people trapped by flood waters southeast of Waco and near McCool Junction. Water was over Highway 81 north of Fairmont at the height of the event. In Fillmore and York counties, 5 to 8 inches of rain fell. Further west, a section of Highway 40 was washed out near Miller. Flood damage was in the tens of millions of dollars, with 12 to 15 million dollars in damage in Hall County alone.

As flooding rains soaked the region, large hail, high winds and one tornado pounded the area. Hastings was particularly hard hit as baseball size hail and high winds belted the city for about 20 minutes. Literally, thousands of vehicles and homes sustained damage, especially on the east side of town, including downtown. Damage was estimated at 40 million, and that may be conservative and insurance agencies processed claims. State Farm Insurance was expecting to process 3,000 claims alone. Thirty-three people left their homes for shelter provided by the city. In Wood River, a tornado clipped the south side of town. In Merrick County, two Union Pacific trains derailed due to high winds and a tower for KMMJ radio was blown down north of town. A communications tower was also destroyed in Buffalo County by high winds. There were widespread, though brief, power outages in the area. At one point, about 60 percent of the city of Lexington was without power. Twelve center pivot irrigation systems were damaged in Fillmore County. High winds destroyed a barn southeast of Gothenburg and grain binds south of Darr in Dawson County. Officials estimate, 2800 homes and businesses had damaged in Grand Island. Both Hall and Adams Counties were declared Federal Disasters Areas.

Dawson County									
3 SE Gothenburg to 4 SE Gothenburg	17	1715CST 1718CST	1	30	0	0	0	0	Tornado (F0)
A non-supercell tornado was caught on video by storm chasers along the Platte River ridge line southeast of Gothenburg. There was no damage caused by this tornado.									
Dawson County									
3 NW Cozad	17	1730CST			0	0	0	0	Hail(0.75)

Storm Data and Unusual Weather Phenomena

May 2005

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									
6 W Eddyville	17	1829CST			0	0	25K	0	Hail(1.75)
Dawson County									
7 W Eddyville	17	1850CST			0	0	10K	0	Thunderstorm Wind (G61)
Phelps County									
1 N Bertrand	17	1903CST			0	0	0	0	Hail(1.00)
Gosper County									
10 NE Elwood	17	1930CST			0	0	0	0	Hail(0.75)
Harlan County									
2 N Republican City	17	1940CST			0	0	25K	100K	Hail(1.75)
Phelps County									
Holdrege	17	1950CST			0	0	0	0	Hail(0.88)
Phelps County									
Holdrege	17	1950CST			0	0	25K	0	Thunderstorm Wind (G52)
Phelps County									
1 N Funk	17	2007CST			0	0	25K	100K	Hail(1.75)
Merrick County									
Central City	17	2200CST			0	0	0	0	Hail(1.00)

Severe thunderstorms rumbled over south central Nebraska during the evening hours. The most intense storms were in Dawson County where 70 mph winds and golf ball size hail were reported. Storm chasers video taped a brief tornado on the southeast flank of the thunderstorm. The tornado occurred in a very rural area and no damage occurred. There were a few sporadic power outages in Phelps County as strong winds blew through the county. Minor street flooding was reported in Holdrege for a short time, and over 2 inches of rain fell in parts of western and southern Phelps County.

Buffalo County									
2 S Elm Creek	24	1535CST			0	0	0	0	Hail(1.00)
Furnas County									
Beaver City	24	1935CST			0	0	0	0	Thunderstorm Wind (G52)
Howard County									
Countywide	24	2100CST 2300CST			0	0	10K	150K	Heavy Rain
Howard County									
Dannebrog	24	2120CST			0	0	0	0	Hail(0.88)
Howard County									
Boelus	24	2135CST			0	0	25K	0	Hail(1.75)

Thunderstorms in south central Nebraska dropped heavy rain, hail and produced strong winds. Of note, rainfall of 2 to 4 inches in Howard County caused some minor flooding. The Turkey Creek north of Dannebrog rose 13 feet, but remained below flood stage. The Oak Creek in Dannebrog rose significantly, but also remained within its banks. Some basement flooding was reported in Boelus.

Harlan County									
Orleans	28	1048CST			0	0	0	0	Hail(0.75)
Furnas County									
Arapahoe	28	1125CST			0	0	30K	100K	Hail(2.00)
Furnas County									
4 E Arapahoe	28	1130CST			0	0	0	0	Hail(0.75)

NEBRASKA, West

Box Butte County									
15 WSW Alliance	06	1648MST 1652MST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>NEBRASKA, West</u>									
Cheyenne County 3 S Sidney	06	1743MST 1746MST			0	0			Hail(0.75)
Morrill County 8 NE Angora	06	1844MST 1849MST			0	0			Hail(0.88)
Box Butte County 17 N Alliance	06	1916MST 1920MST			0	0			Hail(1.75)
Cheyenne County 10 SE Sidney	11	1555MST 1558MST			0	0			Hail(0.88)
Cheyenne County Sunol	11	1555MST 1558MST			0	0			Hail(0.88)
Sioux County Harrison	24	2025MST 2030MST			0	0			Hail(1.00)
Dawes County 2 S Crawford	24	2057MST 2102MST			0	0			Hail(1.00)
Sioux County Harrison	24	2108MST 2115MST			0	0			Hail(1.00)
Box Butte County Hemingford	24	2315MST 2320MST			0	0			Hail(0.88)
<u>NEVADA, North</u>									
NVZ036			N Lander & N Eureka						
	01 31	0000PST 2359PST			0	0			Flood
			The Humboldt River continued above flood stage from Palisade to Battle Mountain. Lowland flooding occurred near the river making some rural roads impassable.						
NVZ013-030>037			Northern Nye - Humboldt - N Elko Cnty - Sw & Sc Elko - X E Elko - Ruby Mountains/E Humboldt Range - White Pine - N Lander & N Eureka - S Lander & S Eureka						
	09 11	1600PST 2300PST			0	0			Heavy Snow
			A winter storm brought heavy snow to the mountains and higher elevations of northern and central Nevada. Many Snotel sites in the mountains reported between 10 and 20 inches of snow from this storm. Ruth reported 10 inches of snow, Moorman Ranch in White Pine County reported nearly 8 inches of snow, and Ely had 4 inches.						
NVZ030>032-034>035			Humboldt - N Elko Cnty - Sw & Sc Elko - Ruby Mountains/E Humboldt Range - White Pine						
	15 31	0900PST 2359PST			0	0	100K		Flood
			A much above normal snowpack combined with a very wet spring caused many streams and rivers to rise above flood stage. The Humboldt River went above flood stage from Deeth to Carlin in Elko county and along its stretch in Humboldt county. Lowland flooding occurred near the river. Some streets along the Humboldt River in Elko and Winnemucca were flooded. In Deeth many roads were impassable due to high water. Both the Bruneau and Owyhee Rivers had moderate lowland flooding along their reaches. Minor flooding also occurred along Lamoille creek in the town of Lamoille.						
			Flooding along the Jarbidge River washed out two bridges near the town of Jarbidge closing off access to the town. In White Pine county some rural roads were washed out by flood waters as many streams went above flood stage.						
White Pine County Ruth	16	1345PST 1347PST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

May 2005

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

NEVADA, North

Elko County

15 SW West Wendover	16	1350PST 1450PST			0	0			Thunderstorm Wind (G60)
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Elko County

20 SE San Jacinto	16	1410PST 1420PST			0	0			Thunderstorm Wind (G58)
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Elko County

West Wendover	16	1420PST 1445PST			0	0			Thunderstorm Wind (G52)
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NVZ035

White Pine

16	2000PST				0	0			Heavy Snow
17	0300PST								

Four inches of snow was reported in Ely with Snotel sites in the nearby mountains reporting 5 to 6 inches of snow.

NVZ033

X E Elko

29	1705PST 2105PST				0	0			High Wind (G55)
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NEVADA, South

NEVADA, West

NVZ003

Greater Reno/Carson City/Minden Area

18	0100PST				0	0			High Wind (G62)
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A 62 kt (71 mph) wind gusts recorded at the Galena RAWS.

NVZ003

Greater Reno/Carson City/Minden Area

18	0800PST				0	0			High Wind (G52)
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A 52 kt (60 mph) wind gust reported by a trained spotter 5 miles southwest of Gardnerville.

NVZ001

Mineral/Southern Lyon

18	1145PST				0	0			High Wind (G65)
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A 65 kt (75 mph) wind gust was reported at the NDOT weather station on Highway 395 near the southwest shore of Walker Lake.

NEW HAMPSHIRE, North and Central

NHZ014

Coastal Rockingham

25	2300EST				0	0	150K	0	Storm Surge
26	0200EST								

A late season storm developed off the New England coast May 25th. High astronomical tides combined with strong northeast winds and large ocean waves to produce tidal flooding and beach erosion. The tide gauge in Portland Harbor, Maine, topped out at 12.6 feet which was 0.6 feet above the flood stage of 12.0 feet. Boulders the size of basketballs were reported to have washed up on the road in Hampton, New Hampshire where a portion of a seawall was damaged and basements were reported to be flooded.

NEW HAMPSHIRE, Southern

NEW JERSEY, Northeast

Storm Data and Unusual Weather Phenomena

May 2005

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

NEW JERSEY, South and Northwest

Atlantic County

Countywide	20	0300EST 1500EST			0	0	Heavy Rain
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Cape May County

Countywide	20	0300EST 1500EST			0	0	Heavy Rain
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Cumberland County

Countywide	20	0300EST 1500EST			0	0	Heavy Rain
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Heavy rain fell across southeastern New Jersey mainly between 4 a.m. EDT and 4 p.m. EDT on the 20th. Rain began falling just before Midnight EDT on the 20th and ended between 4 p.m. and 6 p.m. EDT on the 20th. Storm totals averaged between 2 and 3 inches and caused poor drainage flooding. Since the rain fell heavy, but was spread across a large enough period of time, no stream or river flooding was reported. The combination of heavy rain and strong northeast winds did knock down some shallow rooted trees and tree limbs. Specific storm totals included 3.40 inches in West Cape May (Cape May County), 3.30 inches in Absecon (Atlantic County), 3.26 inches in Cape May (Cape May County), 2.92 inches in North Wildwood (Cape May County), 2.91 inches in Margate (Atlantic County), 2.72 inches in Ocean City (Cape May County), 1.89 inches at the Atlantic City International Airport, 1.88 inches in Hammonton (Atlantic County), 1.80 inches in Vineland (Cumberland County) and 1.79 inches in Millville (Cumberland County). The peak wind gust at Rio Grande Airport (Cape May County) was 45 mph.

The heavy rain was caused by a low pressure system that moved east along a nearly stationary frontal boundary on the 20th. The low pressure system moved from near Cincinnati, Ohio at 8 a.m. EDT on the 20th east to La Plata, Maryland at 2 p.m. EDT on the 20th and to about 50 miles east of Ocean City, Maryland at 8 p.m. EDT on the 20th.

NJZ014-023>026

Eastern Monmouth - Western Cape May - Eastern Cape May - Eastern Atlantic - Eastern Ocean

23		1800EST			0	0	Astronomical High Tide
27		0100EST					

The combination of a persistent onshore flow and spring tides associated with the departing perigean full moon caused minor tidal flooding during the evening high tides on the 23rd, 24th and 26th. Widespread minor with locally moderate tidal flooding occurred with the evening high tide on the 25th. In addition, the onshore flow caused a pounding surf with mainly minor beach erosion just before the start of the Memorial Day Weekend. The worst erosion occurred along Long Beach Island in Ocean County and parts of Cape May County.

In Monmouth County, Allenhurst Beach suffered a significant beach loss at Spire Avenue. In Ocean County on Long Beach Island, three to four foot vertical drops occurred from Loveladies southward. Vertical drops reached up to five feet in Brant Beach. The surf made a 10 by 20 foot wide and 1000 foot long cut in the dune from 43rd through 53rd Streets. In Beach Haven, emergency repairs were needed after water reached up to houses at Leeward and Merivale Avenues. The water was also within twenty-five feet of homes on 85th and 86th Streets in Long Beach Township. In Cape May County, the surf created a 5 to 10 foot vertical cut into a dune from Seaspray to Beach Road in Ocean City. A 3 to 4 foot vertical cut to the beach occurred from Beach Road to 11th Avenue. In North Wildwood, a 3 to 4 foot vertical cut in the beach occurred. On the Delaware Bay side of Cape May County, tidal flooding reached the roads at Reeds Beach.

The highest tides occurred with the evening high tide on the 25th and included 7.77 feet above mean lower low water in Cape May (Cape May County), 7.41 feet above mean lower low water at Sandy Hook (Monmouth County) and 7.00 feet above mean lower low water at Atlantic City (Atlantic County). Moderate tidal flooding begins at 7.7 feet above mean lower low water and minor tidal flooding begins at 6.7 feet above mean lower low water.

The higher than normal tides were caused by a persistent northeast flow as a blocking pattern occurred in the western Atlantic Ocean. A low pressure system in the Ohio Valley during the morning of the 23rd moved east and reached the Atlantic Ocean east of Delaware and New Jersey on the 24th. This low pressure system was captured by a closed low at higher levels of the atmosphere and remained over the nearby offshore waters through the 26th. A high pressure system over southeastern Canada helped enhanced the northeast flow from the 24th through the 26th. The whole low pressure system then started to drift east on the 26th and was east of Cape Cod, Massachusetts by the morning of the 27th.

Gloucester County

Westville to Cecil	28	1500EST 1510EST			0	0	Thunderstorm Wind (G52)
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A severe thunderstorm knocked down trees, power and cable lines across parts of eastern Gloucester County. Wind damage was reported in Westville Borough and Mantua and Monroe Townships.

Camden County

Cherry Hill	28	1515EST			0	0	Thunderstorm Wind (G52)
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A severe thunderstorm knocked down a couple of trees in Cherry Hill Township and several tree limbs in Voorhees Township. One downed tree fell onto a house on Covered Bridge Road in Cherry Hill Township. A SKYWARN Spotter recorded a wind gust to 57

Storm Data and Unusual Weather Phenomena

May 2005

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 JERSEY, South and Northwest

mph in Voorhees Township.

Burlington County

**Cinnaminson to
Medford**

28	1520EST 1530EST				0	0			Thunderstorm Wind (G56)
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A severe thunderstorm knocked down several trees and power lines in Cinnaminson, Evesham, Maple Shade, Medford, Moorestown and Mount Laurel Townships. Some of the worst tree damage occurred on Westerly Drive in Evesham Township. A SKYWARN Spotter measured a wind gust to 64 mph in Medford Township. Burlington County Emergency Services responded to about 50 calls of wind damage throughout the county.

Burlington County

**Bordentown to
Jobstown**

28	1538EST 1540EST				0	0			Thunderstorm Wind (G52)
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A severe thunderstorm knocked down a couple of large trees in Bordentown Township and several large tree limbs and wires in Springfield and Mansfield Townships. Burlington County Emergency Services responded to about 50 calls of wind damage throughout the county.

Mercer County

Trenton

28	1540EST				0	0			Thunderstorm Wind (G50)
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A severe thunderstorm knocked down several tree limbs and wires in and around Trenton.

Burlington County

Buddtown

28	1545EST				0	0	0	0	Funnel Cloud
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Burlington County

**Pemberton to
Arneytown**

28	1550EST				0	0			Thunderstorm Wind (G50)
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A severe thunderstorm knocked large tree limbs and wires in North Hanover and Pemberton Townships. Burlington County Emergency Services responded to about 50 calls of wind damage throughout the county. A funnel cloud formed over Southampton Township near U.S. Route 206 in Buddtown, but did not reach the ground. No damage was reported in the township.

Mercer County

Hamilton Square

28	1550EST				0	0			Thunderstorm Wind (G56)
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A severe thunderstorm knocked down several large trees on and around New Jersey State Route 33 in Hamilton Township. Some of the trees were up to two feet in diameter.

Ocean County

New Egypt

28	1600EST				0	0	0	0	Funnel Cloud
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Ocean County

**New Egypt to
Hyson**

28	1600EST 1610EST				0	0			Thunderstorm Wind (G52)
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A funnel cloud was sighted over Plumstead Township in Ocean County. In spite that it did not reach ground, straight-line damaging winds occurred from the parent thunderstorm in Plumstead and Jackson Townships. Several trees and poles were knocked down in both townships.

Monmouth County

**Manalapan to
Freehold**

28	1615EST 1620EST				0	0			Thunderstorm Wind (G52)
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A severe thunderstorm knocked down several trees in Manalapan and Freehold Townships.

Somerset County

South Bound Brook

28	1615EST				0	0			Thunderstorm Wind (G50)
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A severe thunderstorm knocked down a couple of trees in South Bound Brook Borough.

Middlesex County

Woodbridge

28	1630EST				0	0			Thunderstorm Wind (G50)
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The gust front from a severe thunderstorm that passed north of Middlesex County pushed southward into Woodbridge Township and knocked down a couple of trees.

NEW MEXICO, Central and North

Union County

**6 S Amistad to
12 S Amistad**

06	1950MST 2000MST				0	0			Hail(2.00)
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Storm Data and Unusual Weather Phenomena

May 2005

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 MEXICO, Central and North

Santa Fe County

13 W Stanley	15	1418MST			0	0			Hail(1.00)
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One inch diameter hail covering ground to two inch depth at Cedar Grove.

Colfax County

7 N Raton	22	1718MST 1728MST			0	0			Hail(1.75)
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Windows broken at the Interstate 25 Port of Entry.

NMZ001-004

Northwest Plateau - Sangre De Cristo Mountains

23 31		0600MST 2359MST			1	0	30K		Flood
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Some of the highest water levels in years were recorded on northern New Mexico streams and rivers as near record temperatures sent a wave of snow melt runoff into the watersheds of the upper Rio Grande and Pecos Rivers while heavy snowmelt from Colorado filled the Animas River at Farmington. This season's heavier snow cover had many streams running at their best water levels since about 1999. Even with a sudden increase in snow melt runoff as temperatures rose during mid May, most streams saw only bank full conditions or just minor localized water problems. Cabresto Creek northeast of Questa was the focus of flooding worries for several days as heavy runoff filled Lake Cabresto and uncontrolled releases over the spillway caused bank and road damage downstream to near Questa.

Bank erosion and damage to irrigation ditches and acequias was reported along the Animas River also. A young woman from Santa Fe apparently drowned in the swift waters of the bank full Pecos River after her vehicle somehow plunged into the river. River rafting was exciting along the Rio Grande between Taos and Embudo but was marred by one drowning (indirect) when rafts flipped. F181W

Union County

16 NE Gladstone	23	1547MST			0	0			Hail(0.75)
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Union County

16 NE Gladstone	23	1639MST			0	0			Hail(0.75)
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Union County

16 W Sedan	23	1655MST			0	0			Hail(0.75)
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Union County

12 E Gladstone	23	1702MST			0	0			Hail(1.75)
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San Miguel County

6 SW Las Vegas	25	1644MST			0	0			Hail(1.75)
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San Miguel County

7 S Las Vegas	25	1700MST			0	0			Hail(1.00)
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Guadalupe County

1 N Anton Chico	25	1725MST			0	0			Hail(1.75)
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Guadalupe County

20 SE Santa Rosa	25	1805MST			0	0			Hail(0.75)
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Curry County

Bellview	25	1820MST			0	0			Hail(1.75)
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De Baca County

Yeso	25	1832MST			0	0			Hail(1.75)
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Guadalupe County

25 SE Santa Rosa	25	1845MST			0	0			Hail(0.75)
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Curry County

Pleasant Hill	25	1854MST			0	0			Hail(1.00)
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De Baca County

16 N Ft Sumner	25	1900MST			0	0			Hail(1.00)
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De Baca County

12 NW Ft Sumner	25	1900MST			0	0			Hail(1.75)
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Curry County

Pleasant Hill	25	1905MST			0	0			Hail(2.00)
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Storm Data and Unusual Weather Phenomena

May 2005

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
<u>NEW MEXICO, Central and North</u>									
De Baca County Ft Sumner	25	1925MST			0	0			Hail(0.88)
Curry County 5 NE Clovis	25	1930MST			0	0			Hail(1.00)
De Baca County 5 S Ft Sumner	25	1930MST			0	0			Hail(1.00)
De Baca County 10 S Taiban	25	1948MST			0	0			Hail(0.75)
De Baca County 11 S Taiban	25	2009MST			0	0			Hail(0.75)
Roosevelt County 13 SE Tolar	25	2020MST			0	0			Hail(0.88)
Roosevelt County Elida	25	2105MST			0	0			Hail(1.75)
Chaves County Dexter	25	2130MST			0	0			Hail(1.50)
Storms with bursts of large hail formed near Las Vegas propagated southeast into east central New Mexico and finally diminished over Chaves County.									
San Miguel County 7 S Las Vegas	27	1315MST			0	0			Hail(1.00)
San Miguel County 7 SW Las Vegas	27	1315MST			0	0			Hail(0.75)
San Miguel County Villanueva	27	1405MST			0	0			Hail(1.75)
Guadalupe County 13 SW Anton Chico	27	1508MST			0	0			Hail(1.75)
San Miguel County Las Vegas	27	1510MST			0	0			Hail(0.88)
Storms with large hail developed south of Las Vegas into northwest Guadalupe County to Interstate 40 at mile marker 240.									
Guadalupe County 14 NE Santa Rosa	29	1850MST			0	0			Hail(1.00)
Guadalupe County 14 NE Santa Rosa	29	1850MST			0	0			Hail(1.00)
Harding County 5 N Mills	30	1305MST			0	0			Hail(0.75)
Harding County Roy to 7 NE Roy	30	1330MST 1346MST			0	0			Hail(1.75)
Harding County Roy	30	1346MST 1349MST			0	0			Hail(2.75)
Harding County Mosquero	30	1421MST			0	0			Hail(0.88)
San Miguel County Conchas Dam	30	1446MST			0	0			Hail(0.88)
Colfax County Maxwell	30	1510MST			0	0			Hail(1.75)
Quay County Montoya	30	1530MST			0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>NEW MEXICO, Central and North</u>									
Quay County 3 S Ragland	30	1534MST			0	0			Hail(0.88)
Quay County 3 S Ragland	30	1635MST			0	0			Hail(0.88)
Quay County Mc Alister	30	1643MST			0	0			Hail(1.00)
Curry County 5 NW Clovis	30	1743MST			0	0			Hail(0.88)
Curry County Clovis	30	1745MST			0	0			Hail(0.75)
Intense storms with extended periods of large hail formed during early afternoon between Raton and Santa Rosa then moved southeast staying over the open rangelands mainly west and northwest of Tucumcari but reaching Clovis before dissipating during early evening.									
Colfax County 8 N Raton	30	1545MST			0	0			Hail(0.88)
San Miguel County Conchas Dam	30	1625MST 1630MST			0	0			Hail(1.25)
San Miguel County 23 NE Conchas Dam	30	1630MST			0	0			Hail(1.25)
Harding County 25 SE Mosquero	30	1753MST			0	0			Hail(2.00)
Harding County 30 SE Mosquero to 31 SE Mosquero	30	1753MST 1802MST	1	200	0	0			Tornado (F0)
Guadalupe County Newkirk	30	1800MST			0	0			Hail(1.75)
Quay County Quay	30	1855MST 1900MST			0	0			Hail(1.00)
Quay County 10 S San Jon	30	2013MST			0	0			Hail(0.75)
Curry County Cannon Afb	30	2300MST			0	0			Hail(1.25)
Roosevelt County 5 SE Lingo	30	2315MST			0	0			Hail(2.00)
Several intense storms that formed north and northwest of Tucumcari during early evening moved southeast across east central New Mexico to reach Clovis and eastern Roosevelt by late evening. The storms were located mainly over unpopulated and open rangelands and produced extended periods with strong radar signatures of large hail and small tornadoes. Spotters were able to confirm one tornado in rural southern Harding County north of Logan which destroyed a grove of trees. Large hail reports were received as the storms passed near populated locations.									
Chaves County 10 W Roswell	30	1724MST			0	0			Funnel Cloud
Chaves County 10 SW Roswell	30	1745MST			0	0			Funnel Cloud
Chaves County 10 SW Roswell	30	1745MST			0	0			Hail(1.00)
Chaves County Dexter	30	1830MST			0	0			Hail(2.75)

Storm Data and Unusual Weather Phenomena

May 2005

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 MEXICO, Central and North

Chaves County

Dexter	30	1900MST			0	0			Thunderstorm Wind (G75)
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Chaves County

10 SE Hagerman	30	1925MST 1927MST	0.1	50	0	0			Tornado (F0)
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Several strong thunderstorms formed west of Roswell then moved southeast producing a series of funnel clouds over open rangeland then reports of large hail at Dexter and one brief tornado over open spaces southeast of Hagerman. Thunderstorm winds downed several telephone poles in Dexter.

Union County

5 E Des Moines	30	1746MST			0	0			Funnel Cloud
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NEW MEXICO, South Central and Southwest

Sierra County

Arrey	22	1955MST			0	0	5K		Thunderstorm Wind (G45)
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A dry microburst flipped a 35 foot trailer and caused power outages.

NEW MEXICO, Southeast

Eddy County

4 SW Carlsbad to 6 ESE Carlsbad	06	1709MST 1714MST			0	0	700K	0	Hail(1.75)
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Large hail ranging in size from golfballs to tennis balls caused significant damage in and just south of Carlsbad during the early evening of the 6th. Photo courtesy: Norman Frank - Skywarn Spotter.

A large swath of penny to golfball size hail affected the area from four miles southwest of Carlsbad, northeastward over the city, to approximately six miles east-southeast along New Mexico State Highway 128. Widespread damage to homes and businesses, including roof damage as well as broken windows and skylights, was reported. Additionally, many vehicles were damaged, including 200+ cars at two Carlsbad dealerships.

Eddy County

4 S Carlsbad	06	1714MST			0	0	100K	0	Hail(2.00)
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Storm Data and Unusual Weather Phenomena

May 2005

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 MEXICO, Southeast

Quarter to half dollar size hail was reported by law enforcement officials and storm spotters along New Mexico State Highway 176 west of Eunice to Oil Center.

An isolated supercell thunderstorm explosively developed southwest of Carlsbad during the early evening of Friday the 6th. This storm produced giant hail up to the size of tennis balls and two tornadoes as it slowly propagated east-northeast across Eddy and Lea Counties.

The most significant damage occurred in Carlsbad when very large hail disrupted the start of a "Relay for Life" cancer benefit where several hundred people were gathered outdoors. Thanks to early warnings, emergency management officials were able to get people attending the event to shelter indoors. Although no injuries resulted, the hail caused nearly a million dollars worth of damage to homes, businesses, and vehicles throughout the city.

Storm spotters observed two tornadoes as the evolving high precipitation supercell tracked over rural areas of eastern Eddy County. The tornadoes were short-lived and remained over open range land near New Mexico State Highway 128.

The supercell storm eventually dissipated as it approached Eunice in eastern Lea County during the late evening hours. Hail up to the size of half dollars was reported as the storm weakened just west of the city.

Lea County

Nadine

10	1530MST								
		0	0	5K	0	Thunderstorm Wind (G52)			

The Hobbs Police Department reported that several road signs were blown down in Nadine.

Lea County

11 WSW Hobbs to 3 N Hobbs

10	1534MST 1600MST								
		0	0	150K	0	Hail(1.75)			

A left moving supercell thunderstorm quickly propagated northeast across eastern Lea County during the late afternoon of the 10th. This storm produced a swath of destructive hail ranging in size from nickels to golfballs as it moved from southwest of Hobbs, in the vicinity of the Hobbs Airport, and then over the city. Local officials reported extensive damage to vehicles, roofs, and windows. No injuries were reported.

Lea County

Hobbs

10	1540MST 1550MST								
		0	0	150K	0	Hail(2.50)			



Hail up to the size of tennis balls pelted the downtown area of Hobbs during the afternoon of the 10th. The hail, which was at times wind driven, resulted in more than \$400,000 dollars worth of damage. Photo courtesy: Sergeant David Scott - Hobbs Police Department.

Storm spotters reported that sporadic tennis ball size hailstones accompanied smaller hailstones in downtown Hobbs. Extensive damage occurred as windows were shattered in vehicles, homes, and businesses. No injuries were reported.

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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

Lea County

3 N Hobbs **10** **1544MST**
1550MST **0** **0** **100K** **0** **Thunderstorm Wind (G52)**



Severe thunderstorm winds combined with large hail to produce significant damage to vehicles, mobile homes, and other lightweight structures just north of Hobbs. Photo courtesy: Sergeant David Scott - Hobbs Police Department.

Local officials reported that wind gusts to 60 MPH accompanied the large hail north of Hobbs. These winds blew large hail horizontally and destroyed lightweight structures such as sheds and carports.

An isolated supercell thunderstorm erupted along a dryline over eastern Lea County during the late afternoon of the 10th. This storm split early in its life cycle, and the dominant left moving member quickly propagated northeast. This storm produced a swath of destructive hail ranging in size from nickels to tennis balls as it affected the Hobbs area. The hail was intermittently driven by severe winds. Storm total damage estimates exceeded \$400,000. No injuries were reported.

Eddy County

3 W Carlsbad Arprt to **14** **2330MST**
3 E Carlsbad Arprt **2342MST** **0** **0** **0** **0** **Hail(1.75)**

Numerous reports of quarter to golfball size hail were received from the area in the vicinity of the Carlsbad Airport as a severe thunderstorm propagated southeast off of the Sacramento Mountains.

Lea County

Hobbs **23** **1800MST** **0** **0** **15K** **0** **Thunderstorm Wind (G52)**

An isolated thunderstorm produced damaging winds in Hobbs during the early evening hours of the 23rd. The Hobbs Police Department reported that large trees, power poles and lines were blown down by the severe winds.

Lea County

Tatum **25** **2253MST** **0** **0** **0** **0** **Thunderstorm Wind (G58)**

A National Weather Service Cooperative Observer recorded a severe thunderstorm wind gust to 66 MPH with a home weather station. No reports of damage were received.

Eddy County

6 E Artesia **25** **2330MST**
2335MST **0** **0** **0** **0** **Hail(1.75)**

The Artesia Fire Department reported large hail up to the size of golfballs over U.S. Highway 82 east of the city.

Lea County

Lovington **25** **2345MST** **0** **0** **0** **0** **Hail(0.75)**

Eddy County

Lakewood **25** **2353MST**
26 **0010MST** **0** **0** **15K** **0** **Hail(2.00)**

Storm Data and Unusual Weather Phenomena

May 2005

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

Large hail ranging in size from quarters to hen eggs severely damaged the roof of a residence in Lakewood. This caused water from heavy rainfall to enter the structure.

Lea County

3 W Lovington

26	0030MST				0	0	10K	0	Thunderstorm Wind (G50)
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A 58 MPH thunderstorm wind gust was measured at the Lovington Airport. These winds severely damaged an aircraft hanger.

Lea County

31 WSW Jal

26	0110MST				0	0	0	0	Hail(0.75)
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Motorists traveling on County Road 1 reported large hail in far southwestern Lea County.

Eddy County

10 NE Loco Hills

26	0126MST				0	0	0	0	Thunderstorm Wind (G50)
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An automated fire weather observing site measured a thunderstorm wind gust to 58 MPH in rural northeastern Eddy County.

Lea County

23 SW Eunice

26	0135MST 0155MST				0	0	0	0	Thunderstorm Wind (G50)
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Severe thunderstorm winds blew down large tree limbs at a rural residence southwest of Eunice.

An active round of severe thunderstorms affected the southeastern New Mexico plains during the late evening hours of the 25th and the very early morning hours of the 26th. Severe thunderstorms developed during the afternoon hours along the higher terrain of the New Mexico mountains, and produced large hail up to the size of hen eggs and damaging winds as they propagated southeast. In Eddy County, large hail punctured the roof of a Lakewood home and allowed heavy rain to enter the structure. In addition, an aircraft hanger was damaged by severe thunderstorm winds at the Lovington Airport in Lea County.

Eddy County

18 ENE Carlsbad to
22 ENE Carlsbad

27 28	2209MST 0030MST				0	0	150K	0	Flash Flood
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The public reported up to two feet of water flowing over New Mexico Route 31 in eastern Eddy County at 22:09 MDT. By 22:45 MDT, local law enforcement officials had closed the highway to through traffic. Flood waters washed out 150 feet of railroad track that parallels the state route. Rail traffic was halted for more than a week until crews were able to repair the damage.

Lea County

Lovington

28	0130MST 0400MST				0	0	0	0	Flash Flood
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A Lovington police detective reported flash flooding along several city streets. A few streets were impassable due to flowing flood waters.

Strong thunderstorms over the southeastern New Mexico plains resulted in flash flooding across parts of eastern Eddy and Lea Counties. Several area highways and city streets were rendered impassable by flowing flood waters. A railroad track section near New Mexico State Highway 31 was destroyed by the flood waters.

Eddy County

4 SE Carlsbad

29	1700MST				0	0	0	0	Hail(1.50)
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The public reported that ping pong ball size hail fell over U.S. Highway 285 southeast of Carlsbad

Eddy County

Malaga to
1 S Malaga

29	1752MST 1755MST				0	0	0	0	Hail(0.75)
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Penny size hail was reported near Malaga.

Isolated severe thunderstorms produced large hail over portions of Eddy County during the early evening hours of the 29th. Hail ranging in size from pennies to ping pong balls was reported between Carlsbad and Malaga.

Lea County

6 N Maljamar

30	2010MST				0	0	4K	0	Thunderstorm Wind (G52)
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A local utility company reported that a power pole was blown down by severe thunderstorm winds north of Maljamar.

Lea County

6 NW Hobbs to
1 SE Hobbs

30	2135MST 2200MST				0	0	0	0	Hail(1.75)
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Numerous large hail reports were received ranging in size from pennies to golfballs in the vicinity of Hobbs. Initial reports indicated penny size hail along State Highway 18 northwest of Hobbs. Additional reports indicated quarter to golfball size hail in the city. No reports of significant damage were received.

Lea County

10 W Hobbs

30	2150MST				0	0	0	0	Thunderstorm Wind (G52)
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Storm Data and Unusual Weather Phenomena

May 2005

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

Local law enforcement officials reported that severe thunderstorm winds accompanied large hail near the the Hobbs Airport. Gusts were estimated to be 60 MPH.

A long-lived supercell with a history of producing tornadoes over Chaves County propagated east-southeast across the plains of southeastern New Mexico during the late evening of the 30th. This storm produced damaging winds and large hail as it affected portions of central Lea County.

NEW YORK, Central

Steuben County Bradford	27	1512EST			0	0	0		Hail(1.25)
Schuyler County 4 N Monterey	27	1521EST			0	0	0		Hail(1.25)
Sullivan County Bethel to Summitville	27	1530EST 1600EST			0	0	20K		Thunderstorm Wind (G60)
Thunderstorm winds downed trees and wires. Some of the towns that had damage were Bethel, Woodbourne, Summitville, and Youngsville.									
Schuyler County Reading Center	27	1540EST 1545EST			0	0	0		Hail(1.00)
Multiple reports of large hail in the town of Reading.									
Tompkins County Cayuga Hgts	27	1640EST			0	0	0		Hail(0.75)
Steuben County Wayne Four Corners	30	1435EST			0	0	0		Hail(0.75)
Tioga County Spencer	30	1620EST			0	0	0		Hail(0.75)

NEW YORK, Coastal

NYZ077-080>081	Nassau - Southwest Suffolk - Southeast Suffolk				0	0			Astronomical High Tide
	24	1900EST 2359EST							

Northeast winds produced by a coastal storm southeast of Long Island combined with high astronomical tides caused moderate coastal flooding, mainly along the back bay shores of Nassau and Suffolk Counties. Northeast winds averaged between 20 and 25 mph with gusts from 35 to 45 mph.

In Freeport, up to 4 feet of water accumulated in the streets. Similarly, moderate street flooding also occurred in Lindenhurst and Amityville. In Southampton, up to 4 feet of water accumulated along Tiana Beach and Dune Road along Shinnecock Bay, where 1 family evacuated their home and 1 police car was submerged.

Orange County Monroe	27	1645EST			0	0			Thunderstorm Wind (G50)
As an area of heavy showers and thunderstorms swept east across the region at about 40 mph, it produced damaging wind gusts and heavy rain. Law enforcement reported downed trees and wires along Harriman Heights Road between Post and Pine Roads in the town of Monroe. Trained spotters also reported wind damage in Middletown (downed tree branches), Cuddebackville (downed wires), and Walkill, where an outer wall under construction at the Galleria Mall was downed									
Queens County Countywide	28	1730EST			0	0			Thunderstorm Wind (G50)

As a band of heavy showers and thunderstorms moved northeast, they produced high winds and heavy rain that downed several trees

Storm Data and Unusual Weather Phenomena

May 2005

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, Coastal

throughout Queens.

Putnam County

Lake Carmel	29	1838EST			0	0			Hail(0.88)
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Putnam County

Carmel	29	1849EST			0	0			Hail(0.75)
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As a series of severe thunderstorms moved southeast at 15 to 20 mph across the region, they produced hail that varied in size from penny to nickel.

NEW YORK, East

NEW YORK, North

St. Lawrence County

Edwards	02	0940EST 0945EST			0	0	1K		Hail(0.00)
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St. Lawrence County

Ogdensburg	02	1110EST 1115EST			0	0	1K		Hail(0.00)
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A cold upper level trough across the northeast US resulted in reports of pea size hail.

Clinton County

5 E Dannemora	28	1305EST 1315EST			0	0	1K		Hail(0.00)
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A cold upper level trough across the northeast US resulted in reports of pea size hail.

Franklin County

Paul Smiths	29	1620EST 1625EST			0	0	1K		Hail(0.00)
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Franklin County

St Regis Falls	29	1623EST 1628EST			0	0	1K		Hail(0.00)
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A cold upper level trough across the northeast US resulted in reports of small hail accumulating on the ground

Clinton County

Plattsburgh	29	1655EST 1700EST			0	0	1K		Hail(0.00)
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A cold upper level trough over the northeast US resulted in reports of pea size hail.

St. Lawrence County

Madrid	30	1225EST			0	0	1K		Hail(0.00)
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A cold upper level trough across the northeast US resulted in reports of pea size hail.

NEW YORK, West

NORTH CAROLINA, Central

Anson County

Wadesboro	10	1650EST			0	0			Hail(1.75)
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Alamance County

Mebane	12	1508EST			0	0			Thunderstorm Wind (G50)
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The roof was peeled off of a flat-roofed building. Limbs were blown down, and a railroad crossing arm was bent.

Storm Data and Unusual Weather Phenomena

May 2005

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

Wake County

2 NE Raleigh	12	1712EST			0	0			Hail(0.75)
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Reported at Interstate 440 and US 1 North.

Halifax County

3 W Enfield	15	1500EST			0	0			Hail(0.88)
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Nickel hail covering the ground, including an area around Interstate 95.

Halifax County

3 N Enfield	15	1523EST			0	0			Hail(1.00)
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Nash County

10 NE Dortches	15	1525EST			0	0			Hail(0.88)
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Halifax County

Tillery	15	1600EST			0	0			Hail(1.00)
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Edgecombe County

Leggett	15	1607EST			0	0			Hail(0.88)
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Orange County

4 W Hillsborough	19	1405EST			0	0			Hail(0.75)
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Penny sized hail reported at exit 157 along Interstate 40.

Davidson County

2 NW Thomasville	19	1650EST			0	0			Hail(0.75)
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Dime to penny sized hail covered the ground at Winding Creek Golf Course, near Business 85 and State Route 109.

Nash County

6 NE Goldrock	19	1845EST			0	0			Hail(0.88)
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Nickel sized hail reported in Whitakers near US 301 and State Route 33.

Edgecombe County

2 E Whitakers	19	1850EST			0	0			Hail(1.00)
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Halifax County

6 W Enfield	19	2015EST			0	0			Hail(0.75)
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Dime to penny sized hail reported at exit 154 along Interstate 95.

Moore County

Aberdeen	24	1546EST			0	0			Hail(0.75)
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Cumberland County

Ft Bragg	24	1607EST			0	0			Hail(0.75)
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NORTH CAROLINA, Central Coastal

NORTH CAROLINA, Extreme Southwest

NORTH CAROLINA, North Coastal

Currituck County

Waterlily	28	1357EST			0	0			Hail(0.88)
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Storm Data and Unusual Weather Phenomena

May 2005

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, Northwest and North Central

Alleghany County

Sparta	10	1819EST			0	0			Lightning
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Lightning struck a tree and caused it to fall across a road, temporarily blocking traffic.

NORTH CAROLINA, South Coastal

Columbus County

6 E Tabor City to 8.5 NE Tabor City	20	1710EST 1715EST	2.6	50	0	0	200K		Tornado (F1)
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A NWS storm survey concluded a tornado touched down in the Mollie community. An areal survey showed that the tornado tracked NNE and crossed several county roads, farm fields, and wooded areas. The tornado produced three spots of F1 damage along its path with winds estimated between 73 and 112 mph. Damage occurred to several homes, vehicles, outbuildings, and sheds, with many large trees down.

NORTH CAROLINA, Southwest

Macon County

4 E Franklin	10	1145EST			0	0			Hail(0.88)
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Transylvania County

Balsam Grove	10	1305EST			0	0			Hail(0.75)
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Gaston County

Gastonia	10	1350EST			0	1			Lightning
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Lightning struck and injured a person.

Madison County

10 S Hot Spgs	10	1444EST			0	0			Thunderstorm Wind (G50)
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Report of 3 trees blown down in the Luck area.

Lincoln County

Vale	10	1515EST			0	0			Hail(0.75)
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Burke County

Hildebran	10	1515EST			0	1			Lightning
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Lightning struck and injured a person.

Gaston County

Lowell	10	1542EST			0	0			Hail(1.00)
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Caldwell County

9 E Lenoir	10	1554EST			0	0			Hail(0.88)
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Caldwell County

9 E Lenoir	10	1554EST			0	0			Thunderstorm Wind (G50)
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Trees and power lines down.

Catawba County

3 SE Hickory	10	1600EST			0	0			Hail(0.88)
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Hail reported hail on Interstate 40 between Hickory and Conover.

Mecklenburg County

Pineville	10	1602EST			0	0			Hail(0.88)
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Mitchell County

2 S Spruce Pine to Spruce Pine	10	1608EST 1617EST			0	0	10K		Hail(0.88)
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Mostly pea size hail, with some stones as large as nickels, accumulated to a depth of 2.5 inches in the Carters Ridge area south of Spruce Pine. Hail also accumulated to a depth of several inches in town. Several buildings received minor damage, mainly water damage due to ice dams developing on roofs and in gutters.

Yancey County

Busick	10	1620EST			0	0			Hail(0.75)
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Storm Data and Unusual Weather Phenomena

May 2005

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
<u>NORTH CAROLINA, Southwest</u>									
Alexander County									
Bethlehem	10	1630EST			0	0			Hail(0.75)
Mecklenburg County									
14 N Charlotte	10	1634EST			0	0			Hail(0.75)
Catawba County									
7 E Newton	10	1645EST			0	0			Hail(0.88)
Iredell County									
7 N Statesville	10	1657EST			0	0			Hail(0.88)
Penny hail at intersection of Jennings and Snow Creek Roads 10 miles north of Statesville. Another spotter reported nickel hail 4 to 6 miles north of Statesville.									
Alexander County									
Hiddenite	10	1710EST			0	0			Thunderstorm Wind (G50)
Newspaper report of non-specific wind and hail damage.									
Rowan County									
5 N Salisbury	10	1750EST			0	0			Thunderstorm Wind (G50)
Trees and lines down.									
NCZ050									
Mitchell									
	10	1800EST			0	0	1K		Landslide
A section of bank gave way and flattened a storage shed below.									
Mecklenburg County									
Charlotte	10	1830EST			0	0			Hail(0.75)
Mecklenburg County									
Charlotte	10	1830EST			0	0	50K		Lightning
Report of 8 to 9 homes struck by lightning. A fire was started at one of the homes, resulting in considerable damage.									
Mecklenburg County									
Charlotte	10	1845EST 2030EST			0	0	10K		Flash Flood
Severe urban flooding developed, with 2 cars stranded in water on Sugar Creek Rd. There was also water over North Tryon St.									
NCZ050									
Mitchell									
	10	1851EST			0	0			Landslide
Landslide caused unspecified damage to a structure and took down some power lines.									
Mecklenburg County									
Charlotte to Matthews	10	1900EST 1915EST			0	0			Hail(0.75)
Two spotters reported dime to penny hail in south Mecklenburg County until 8:15.									
Mecklenburg County									
Matthews	10	1925EST 1930EST			0	0			Hail(1.00)
Mecklenburg County									
Charlotte	12	1900EST 2000EST			0	0	4K		Flash Flood
Severe urban flooding developed, with water deep enough to float a car into the median on Independence Blvd, and several inches of water covering Queens Rd.									
Madison County									
Luck	13	1545EST 1730EST			0	0			Flash Flood
Spring Creek left its banks and threatened 3 mobile homes in the Luck area.									
Medowell County									
5 NE Marion	14	1550EST			0	0			Hail(0.88)
Burke County									
10 W Morganton	14	1600EST			0	0			Hail(0.88)
Hail reported at Lake James.									

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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

Catawba County

Longview	19	1550EST 1700EST			0	0	5K		Flash Flood
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Water up to the windows of a car.

Burke County

Northeast Portion	19	1555EST 1700EST			0	0			Flash Flood
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Fire chief reported unspecified flooding. County reported water removal became necessary on Main St. in Icard.

Haywood County

Canton	19	2015EST			0	0	1K		Thunderstorm Wind (G50)
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Part of a tin roof off a barn.

Haywood County

Canton	19	2015EST			0	0	2K		Lightning
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Lightning struck a building, resulting in some windows being blown out.

Cleveland County

8 N Shelby	19	2343EST			0	0			Hail(0.88)
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Lincoln County

Lincolnton	20	0035EST			0	0			Hail(0.75)
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Avery County

13 N Newland	20	0050EST			0	0			Thunderstorm Wind (G50)
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Report of 2 to 3 inch diameter limbs blown down.

Madison County

Big Laurel to 1 N Mars Hill	20	0110EST 0120EST			0	0			Thunderstorm Wind (G50)
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Trees down along highway 64.

Buncombe County

Countywide	20	0145EST 0200EST			0	0			Thunderstorm Wind (G50)
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Wind blew down 3 trees at scattered locations across the county.

Henderson County

Edneyville to 4 NE Edneyville	20	0212EST 0215EST			0	0			Thunderstorm Wind (G50)
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Trees down along highway 64. Trees were also reported down around Sugarloaf Mountain.

Henderson County

Etowah	20	0238EST			0	0			Thunderstorm Wind (G50)
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Trees down along highway 64.

Graham County

Robbinsville	20	0500EST			0	0			Thunderstorm Wind (G50)
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Trees down. Also, power was out in town for a while in the morning, but it is unclear whether lightning or wind was the culprit.

NORTH DAKOTA, Central and West

Sheridan County

10 N McClusky	07	1810CST 1815CST			0	0			Funnel Cloud
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Emmons County

10 S Strasburg	07	1815CST 1819CST			0	0			Hail(0.88)
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Oliver County

10 E Center	07	2040CST 2245CST			0	0			Flash Flood
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Heavy rainfall of 3.50 inches caused water to flow across farm yard and into the basement of a farm house.

Storm Data and Unusual Weather Phenomena

May 2005

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 DAKOTA, Central and West

McLean County

7 SE Washburn	07	2100CST 2230CST			0	0			Flash Flood
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Ward County

Minot	08	0250CST 0400CST			0	0			Flash Flood
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Heavy rainfall caused flooding of the city streets and underpasses. Several streets were closed due to the flooding. Two men had to be rescued from flood waters after crossing emergency road closure signs.

McIntosh County

12 ESE Ashley	08	1445CST 1455CST			0	0			Hail(1.00)
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Dickey County

Forbes	08	1500CST 1508CST			0	0			Hail(1.00)
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Morton County

13 SE New Salem	08	1505CST 1509CST			0	0			Hail(1.75)
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Morton County

9 E Almont	08	1505CST 1510CST			0	0			Hail(1.75)
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Dickey County

2 N Forbes	08	1530CST 1532CST			0	0			Hail(0.75)
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La Moure County

5 W Edgeley	08	1620CST 1624CST			0	0			Hail(1.00)
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Dickey County

Ellendale	08	1630CST 1643CST			0	0			Hail(0.75)
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Morton County

13 E New Salem	08	1630CST 1631CST			0	0			Hail(0.88)
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Dickey County

Forbes	08	1635CST 1640CST			0	0			Hail(0.88)
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Reported by a NWS cooperative observer.

Morton County

10 S New Salem	08	1730CST 2000CST			0	0			Flash Flood
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Heavy rainfall produced flash flooding 10 miles south to 14 miles south of New Salem. Many county roads were washed out. Water depth estimated to be one to two feet deep over roads.

Stutsman County

2 E Jamestown	08	1733CST 1738CST			0	0			Hail(0.88)
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Heavy rains accompanied the hail producing minor street flooding in the city of Jamestown.

Stutsman County

5 W Jamestown to 5 E Jamestown	08	1755CST 1805CST			0	0			Hail(0.88)
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Hail began 5 miles west of Jamestown and traveled through the city of Jamestown and ending 5 miles east of Jamestown.

Foster County

Carrington	08	2030CST 2200CST			0	0			Flash Flood
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Heavy rainfall up to 3 inches produced street and yard flooding in the city of Carrington.

Storm Data and Unusual Weather Phenomena

May 2005

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 DAKOTA, Central and West

NDZ031>033-040>041-043>044 Golden Valley - Billings - Stark - Slope - Hettinger - Bowman - Adams

	11	2000CST			0	0			Winter Storm
	12	1800CST							

A late season spring winter storm brought up to a foot of wet snow to southwestern North Dakota. Travel become very treacherous and no travel was advised by the North Dakota Highway Patrol. The heaviest snowfall occurred at Amidon in Slope County where 12 inches fell. Other areas in the southwest received 8 to 10 inches.

McLean County

	19	1830CST 1835CST			0	0			Thunderstorm Wind (G52)
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3/4 inch hail accompanied the storm.

Stutsman County

	20	1831CST 1835CST			0	0			Hail(0.88)
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Heavy rains accompanied the hail producing flash flooding in the city of Jamestown.

**Stutsman County
Jamestown**

	20	1900CST 1902CST			0	0			Hail(0.88)
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**Stutsman County
Medina to
13 E Jamestown**

	20	1916CST 2100CST			0	0			Flash Flood
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A series of strong thunderstorms passed through Stutsman County, many along the same path, creating a path of heavy rain along interstate 94. The pathway included the city of Jamestown where reports of over 1.50 inches of rain fell along with nickel size hail. A number of city streets were flooded along with the railroad viaduct. A number of streets were temporarily barricaded. Traffic caused wave action problems in a number of residential areas which forced flood waters to flow up to homes.

**Billings County
Medora**

	20	2302CST 2305CST			0	0			Hail(1.00)
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**Stark County
7 NW Taylor**

	21	0015CST 0017CST			0	0			Hail(0.75)
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**Slope County
Amidon**

	21	0030CST 0034CST			0	0			Hail(1.75)
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Hail damaged police vehicle in the city of Amidon.

**Mercer County
Beulah**

	21	0116CST 0120CST			0	0			Hail(0.88)
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45 mph winds accompanied the storm.

**Ward County
20 S Minot to
Minot**

	21	0130CST 0330CST			0	0			Flash Flood
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Strong thunderstorms produced heavy rainfall with one to two feet of water in fields. Water flowed into several basements of homes causing minor damage.

NDZ034-040>041-043>044 Morton - Slope - Hettinger - Bowman - Adams

	21	1200CST 1430CST			0	0			High Wind (G53)
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Low pressure centered over northwestern North Dakota the morning of May 21st, 2005, intensified and moved northeastward through central North Dakota and over southern Manitoba by the early afternoon. Strong winds developed within the vicinity of this low, with stronger winds west and southwest of the low gusting to over 50 mph.

NDZ001>002-009>010-017 Divide - Burke - Williams - Mountrail - Mckenzie

	21	1430CST 1700CST			0	0			High Wind (G52)
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Low pressure system in Manitoba produced sustained winds of 40 to 50 mph and gusts around 60 mph.

Storm Data and Unusual Weather Phenomena

May 2005

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, East

NDZ014>015-026

Benson - Ramsey - Nelson

01 0000CST
31 2359CST

0 0

Flood

Devils Lake experienced some minor fluctuations during the month of May 2005, but essentially hovered around 1448.40 feet MSL. Stump Lake rose around 10 feet in the past year, to around a May 2005 level around 1428.20 feet MSL. Work continued on the Devils Lake outlet and on raising the dike around the southern periphery of Devils Lake (to protect the city to a level of 1460 feet MSL). An estimated \$30 million was targeted for Devils Lake area road construction projects in 2005. Numerous roads were flooded around Stump Lake in Nelson county.

Towner County

15 NE Rocklake 07 0714CST 0 0 **Hail(0.75)**

Sargent County

2 N Crete 07 2025CST 0 0 **Hail(0.75)**

Ransom County

8 SSW Englevale 07 2035CST 0 0 **Hail(0.88)**

Ransom County

10 SW Mc Leod 07 2105CST 0 0 **Hail(0.75)**

Sargent County

2 ENE Milnor 07 2105CST 0 0 **Hail(0.75)**

Cass County

6 WSW Alice 07 2130CST 0 0 **Hail(0.75)**

Barnes County

8 W Pillsbury 07 2132CST 0 0 **Hail(0.88)**

Ransom County

9 N Mc Leod 07 2145CST 0 0 **Hail(0.88)**

Nelson County

3 S Tolna 07 2220CST 0 0 **Hail(0.75)**

Grand Forks County

Thompson 08 1615CST 0 0 **Hail(1.25)**

Grand Forks County

Thompson 08 1623CST 0 0 **Hail(1.00)**

Grand Forks County

6 SW Larimore 08 1625CST 0 0 **Hail(1.25)**

Grand Forks County

1 S Niagara 08 1629CST 0 0 **Hail(0.75)**

Grand Forks County

3 N Thompson 08 1637CST 0 0 **Hail(1.75)**

Nelson County

3 S Michigan City 08 1640CST 0 0 **Hail(0.75)**

Grand Forks County

3 S Grand Forks 08 1651CST 0 0 **Hail(0.75)**

Eddy County

12 E New Rockford 08 1700CST 0 0 **Hail(0.75)**

Grand Forks County

2 S Grand Forks 08 1702CST 0 0 **Hail(0.75)**

Grand Forks County

2 S Grand Forks 08 1705CST 0 0 **Hail(1.75)**

Nelson County

Lakota 08 1724CST 0 0 **Hail(0.75)**

Storm Data and Unusual Weather Phenomena

May 2005

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, East</u>									
Eddy County									
7 NE New Rockford	08	1730CST			0	0			Hail(0.75)
Grand Forks County									
Grand Forks	08	1734CST			0	0			Hail(0.75)
Grand Forks County									
Grand Forks	08	1741CST 1744CST			0	0			Hail(0.75)
Eddy County									
Sheyenne	08	1745CST			0	0			Hail(0.75)
Grand Forks County									
2 SW Merrifield	08 09	1749CST 0600CST			0	0			Flash Flood
Water covered a road southwest of Merrifield. Four to five inches of rain fell in the area.									
Grand Forks County									
Grand Forks	08	1750CST			0	0			Hail(0.75)
Benson County									
9 W Warwick	08	1800CST			0	0			Hail(0.75)
Sargent County									
3 NW Straubville	08	1800CST			0	0			Hail(0.75)
Ransom County									
1 W Lisbon	08	1820CST			0	0			Hail(0.75)
Steele County									
2 NW Sharon	08	1830CST			0	0			Hail(0.75)
Griggs County									
14 NNW Cooperstown	08	1845CST			0	0			Hail(0.75)
Nelson County									
1 E Aneta	08	1845CST			0	0			Hail(0.75)
Barnes County									
Valley City	08	1940CST			0	0			Hail(0.75)
Griggs County									
2 NW Walum	08	1945CST 1946CST	0.3	15	0	0			Tornado (F1)
A tornado touched down northwest of Walum and moved northwest across a swamp and an open field. It then crossed a county road and passed through a shelterbelt. Trees up to 4 feet in diameter were blown down or snapped off.									
Barnes County									
2 SW Dazey	08	2000CST			0	0			Hail(1.00)
Griggs County									
1 WNW Walum	08	2010CST			0	0			Thunderstorm Wind (G90)
Trees 4 feet in circumference were completely uprooted.									
Cass County									
2 E Durbin	08	2145CST			0	0			Hail(0.75)
Nelson County									
5 S Mc Ville	17	1700CST			0	0			Hail(0.75)
Cass County									
8 W Hunter	18	1655CST			0	0			Hail(0.88)
Steele County									
5 NW Hope	20	1505CST 1506CST	0.2	25	0	0			Tornado (F0)
A tornado briefly touched down in an open field.									
Steele County									
16 NE Finley	20	1530CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

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 DAKOTA, East

The hail fell 6 miles northeast of Golden Lake.

Steele County

19 NE Finley to 20 NE Finley	20	1531CST 1532CST	1	50	0	0			Tornado (F0)
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Intermittent touchdowns occurred about 1.5 miles west of Hatton to the Traill county line 1 mile northwest of Hatton.

Traill County

1 NW Hatton to 2 NNE Hatton	20	1533CST 1537CST	3	50	0	0			Tornado (F0)
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Intermittent touchdowns occurred in northwest Traill county, from the Steele county line northwest of Hatton to the Grand Forks county line northeast of Hatton.

Grand Forks County

6 WSW Holmes to 5 WSW Holmes	20	1538CST 1540CST	1	50	0	0			Tornado (F0)
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Intermittent touchdowns occurred in southwest Grand Forks county, from the Traill county line 2 miles northeast of Hatton to 5 miles west-southwest of Holmes.

Traill County

Reynolds	20	1545CST			0	0			Hail(1.00)
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Grand Forks County

2 SW Grand Forks to 2 S Grand Forks	20	1555CST 1602CST	2.5	75	0	0			Tornado (F1)
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A tornado touched down on the south end of Grand Forks, travelling along county road 17 from one-half mile west of Interstate 29 to near county road 81. Trees were torn down on the north side of county road 17 near the intersection of Columbia Road. The tornado weakened as it crossed county road 17 off the south edge of Kings Walk golf course. A dust plume generated by the tornado pushed north across open fields and the golf course into housing and shopping areas in south Grand Forks. Top wind speeds were estimated to be around 75 mph.

Cass County

5 W Wheatland	20	1616CST			0	0			Funnel Cloud
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Cass County

3 WSW Wheatland to 7 SW Casselton	20	1619CST 1630CST	3	75	0	0	10K		Tornado (F1)
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A dust-shrouded tornado tore through an Interstate 94 construction zone and dislodged temporary lane markers, twisted highway signs, and flipped over lighted arrow signals. This resulted in an hour of disrupted interstate travel. The tornado was viewed by Embden and Casselton storm spotters as it crossed nearly 3 miles of open field.

Cass County

6 S Casselton	20	1634CST			0	0			Hail(0.88)
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Cass County

6 S Casselton	20	1635CST			0	0			Hail(2.50)
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Cass County

2 SE Casselton	20	1652CST			0	0			Hail(0.75)
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Cass County

3 W Kindred to 3 WSW Kindred	20	1705CST 1706CST	0.5	50	0	0			Tornado (F0)
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A large and persistent wall cloud with pendant funnel produced a brief touchdown near the Cass-Richland county line. A dust plume was generated as the tornado touched down in an open field. The tornado tracked into Richland county.

Richland County

8 NW Walcott	20	1706CST 1707CST	0.2	50	0	0			Tornado (F0)
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A persistent wall cloud and pendant funnel produced a brief tornado touchdown near the Cass-Richland county line. The tornado crossed an open field into Richland county about 3 miles west-southwest of Kindred and lifted by 607 pm CDT. The tornado originated in Cass county.

Cass County

Kindred	20	1708CST			0	0			Hail(0.75)
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Cass County

1 S Kindred	20	1727CST			0	0			Hail(0.88)
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Storm Data and Unusual Weather Phenomena

May 2005

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 DAKOTA, East

Richland County

1 NW Colfax	20	1747CST			0	0			Funnel Cloud
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A persistent wall cloud with pendant funnel was viewed from Colfax.

Richland County

3 E Colfax	20	1750CST			0	0			Hail(0.75)
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Richland County

1 N Abercrombie	20	1835CST			0	0			Hail(0.75)
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Barnes County

3 N Fingal	20	1900CST			0	0			Hail(0.75)
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Cass County

5 S Tower City	20	1920CST			0	0			Hail(1.00)
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Cass County

3 WNW Embden	20	1930CST			0	0			Hail(1.00)
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Cass County

1 NE Chaffee	20	2000CST			0	0			Hail(1.00)
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Barnes County

17 SW Valley City	20	2010CST			0	0			Hail(0.75)
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Barnes County

5 S Urbana	20 21	2030CST 0700CST			0	0			Flash Flood
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Fields were flooded and water covered several farm access roads in Mansfield township.

Cass County

Embden	20 21	2030CST 0700CST			0	0			Flash Flood
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Streets and fields were flooded.

Barnes County

7 SE Wimbledon	20	2045CST			0	0			Hail(0.75)
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NDZ006>008-014>016-024-026>030-054 Towner - Cavalier - Pembina - Benson - Ramsey - Eastern Walsh - Eddy - Nelson - Grand Forks - Griggs - Steele - Traill - Western Walsh

	21 22	2000CST 1300CST			0	0	50K		High Wind (G54)
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A low pressure system travelled from near Winnipeg, Manitoba, into northwest Minnesota. A cold front trailing behind this system brought a period of very strong wind speeds to a portion of the Devils Lake region and the northern Red River Valley. The highest measured wind gusts were pretty uniform, around 60 mph. Some shingle damage was reported. The high winds generated significant wave action on Devils Lake. A number of locations lost several feet of rip rap (which helps prevent erosion on the roadbeds). Highway 57 was closed for a time, as plows were called out to remove tree branches and other debris from the road.

OHIO, East

Muskingum County

Dresden	13	1800EST			0	0			Hail(0.88)
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Coshocton County

Warsaw	13	1845EST			0	0			Hail(0.75)
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Muskingum County

8 W Zanesville	13	1855EST			0	0			Thunderstorm Wind (G50)
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Large trees blown down.

Muskingum County

Zanesville	13	1930EST			0	0			Thunderstorm Wind (G52)
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Several large trees blown down north of I-70.

Coshocton County

Plainfield	13	1935EST			0	0			Hail(0.75)
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Storm Data and Unusual Weather Phenomena

May 2005

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
<u>OHIO, East</u>									
Guernsey County									
Old Washington	13	1945EST			0	0			Hail(0.75)
Guernsey County									
Antrim	13	1955EST			0	0			Hail(0.75)
Columbiana County									
5 SW Salem	13	2012EST			0	0			Hail(0.75)
Belmont County									
Barnesville to Bethesda	13	2020EST			0	0	20K		Thunderstorm Wind (G50)
									Large trees down in Bethesda. About the same time, high winds ripped a roof off two businesses, on North Chestnut St in Barnesville, causing them to collapse. The collapse ripped down several power lines.
Belmont County									
Morristown	13	2020EST			0	0			Hail(0.75)
Guernsey County									
Antrim	13	2030EST 2130EST			0	0			Flash Flood
									Parts of Rte 22 flooded between Antrim and South Fork Park after 2.2 inches of rain.
Tuscarawas County									
Newcomerstown	28	1430EST 1435EST			0	0	5K		Thunderstorm Wind (G52)
									Between 330 and 335 PM EDT, a downburst, with wind gust estimated at 60 mph (52 kt) struck a farm on Township Rd 121. It snapped off 7 trees, about half way up, and significantly damaged 9 others. Damage area was 500 ft wide and 1000 ft long. Vinyl siding on the house was damaged from wind and flying debris (small stones).
<u>OHIO, North</u>									
Medina County									
Medina	10	1445EST			0	1			Lightning
									A 15 year old girl was struck by lightning while walking across a parking lot at school. The girl suffered extensive injuries and was hospitalized for several weeks. A house nearby was also struck by lightning. The resulting fire caused \$100,000 damage to the house.
Wayne County									
5 S Doylestown to Doylestown	10	1640EST			0	0			Hail(0.75)
									Penny size hail was observed.
Summit County									
Clinton	10	1645EST			0	0			Hail(0.75)
									Penny size hail was observed.
Wood County									
Walbridge	13	1520EST			0	0	4K		Thunderstorm Wind (G50)
									A few large limbs were reported down.
Lucas County									
10 E Toledo	13	1535EST			0	0	4K		Thunderstorm Wind (G50)
									A few large limbs were downed in Bono.
Ottawa County									
Trowbridge	13	1545EST			0	0	20K		Thunderstorm Wind (G50)
									Several telephone poles were snapped along with downed power lines.
Wood County									
Weston	13	1606EST			0	0	15K		Thunderstorm Wind (G50)
									Thunderstorm winds toppled two power poles near Weston.
Marion County									
1 S La Rue	13	1724EST			0	0			Thunderstorm Wind (G50)
									A 58 mph wind gust was measured by a trained spotter located just south of La Rue

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, North</u>									
Morrow County									
Cardington	13	1735EST			0	0	4K		Thunderstorm Wind (G50)
	Trees were reported down in Cardington.								
Hancock County									
Countywide	13	1738EST			0	0			Hail(1.00)
	Quarter size hail was observed, mainly across the northern portion of the county.								
Wyandot County									
Upper Sandusky to Sycamore	13	1738EST 1750EST			0	0	2K		Thunderstorm Wind (G50)
	An 18 inch diameter tree was reported down just north of Upper Sandusky. In Sycamore, there were several reports of trees down.								
Holmes County									
Nashville	13	1740EST			0	0			Hail(0.75)
	Penny size hail was observed.								
Knox County									
Countywide	13	1740EST			0	0	12K		Thunderstorm Wind (G50)
	Several trees and large limbs were reported down across the county from thunderstorm winds. Trees were reported down in Danville, Apple Valley and Fredericktown								
Wood County									
Walbridge	13	1740EST			0	0			Hail(0.75)
	Penny size hail was observed.								
Marion County									
Countywide	13	1743EST			0	0	10K		Thunderstorm Wind (G50)
	Numerous trees reported down across the county.								
Crawford County									
Bucyrus	13	1745EST			0	0			Thunderstorm Wind (G53)
	A 61 mph thunderstorm wind gust was measured.								
Ottawa County									
Oak Harbor	13	1755EST			0	0			Hail(1.00)
	Quarter size hail was observed.								
Sandusky County									
Clyde	13	1755EST			0	0	3K		Thunderstorm Wind (G50)
	Thunderstorm winds tore vinyl siding off of a house and garage.								
Richland County									
Lexington	13	1800EST			0	0	10K		Thunderstorm Wind (G50)
	Several trees reported down.								
Seneca County									
Countywide	13	1800EST			0	0	10K		Thunderstorm Wind (G50)
	Several trees were reported down across the county.								
Wayne County									
Apple Creek	13	1805EST			0	0	1K		Thunderstorm Wind (G50)
	One tree reported down.								
Richland County									
Mansfield	13	1809EST 1909EST			0	0	25K		Thunderstorm Wind (G50)
	Thunderstorm winds estimated at 58 mph did considerable damage at a racetrack near Mansfield Lahm Airport. A 52 mph wind gust was recorded at the airport at 7:09 p.m. Two sections of temporary bleachers were toppled and destroyed.								
Richland County									
Mansfield	13	1811EST			0	0			Hail(0.75)
	Penny size hail was observed just northeast of Mansfield.								
Erie County									
Huron	13	1830EST			0	0			Hail(0.75)
	Penny size hail was observed.								

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, North</u>									
Ashland County									
Jeromesville	13	1840EST			0	0			Hail(0.75)
									Penny size hail was observed.
Lorain County									
Countywide	13	1845EST 1925EST			0	0	15K		Thunderstorm Wind (G50)
									Thunderstorm winds were estimated to be in excess of 58 mph by an off duty NWS employee in Lagrange. Trees were downed in East Carlisle, North Eaton and Avon Lake.
Wayne County									
New Pittsburg	13	1845EST			0	0			Hail(0.75)
									Penny size hail was observed.
Wayne County									
Wooster	13	1845EST			0	0	80K		Thunderstorm Wind (G61)
									Thunderstorm winds estimated at 70 mph blew a semi-truck over on U.S. Route 30 near Wooster. Several trees were downed in and around Wooster.
Holmes County									
Millersburg	13	1848EST			0	0	4K		Thunderstorm Wind (G50)
									A few large limbs were reported down.
Holmes County									
Winesburg	13	1900EST			0	0	1K		Thunderstorm Wind (G50)
									Thunderstorm winds downed one tree.
Medina County									
Brunswick	13	1903EST			0	0			Hail(0.75)
									Penny size hail was observed.
Cuyahoga County									
Bedford Hgts	13	1930EST			0	0	4K		Thunderstorm Wind (G50)
									A few large limbs were reported down.
Summit County									
Cuyahoga Falls	13	1930EST			0	0			Hail(1.25)
									Half dollar size hail was observed.
Stark County									
3 N Canton to Canton	13	1935EST			0	0			Hail(1.25)
									Half dollar size hail was observed.
Stark County									
North Canton	13	1935EST			0	0			Hail(0.75)
									Penny size hail was observed.
Geauga County									
Russell	13	1950EST			0	0	4K		Thunderstorm Wind (G50)
									A few large limbs were reported down.
Portage County									
Hiram	13	1957EST			0	0			Hail(0.75)
									Penny size hail was observed.
Stark County									
Canton	13	2003EST			0	0			Hail(0.75)
									Penny size hail was observed.
Stark County									
Canton	13	2003EST 2103EST			0	0	5K		Thunderstorm Wind (G50)
									Several trees reported down.
Lake County									
Painesville	13	2005EST			0	0	5K		Thunderstorm Wind (G50)
									Several trees reported down in Painesville and Fairport.

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, North</u>									
Geauga County									
Parkman	13	2010EST			0	0			Hail(0.75)
Penny size hail was observed one mile east of Parkman.									
Mahoning County									
12 SW Austintown	13	2010EST			0	0	5K		Thunderstorm Wind (G50)
A few large limbs were down in Lake Milton.									
Mahoning County									
Lake Milton	13	2010EST			0	0			Hail(0.75)
Penny size hail was observed.									
Trumbull County									
Leavittsburg	13	2012EST			0	0			Hail(0.75)
Penny size hail was observed.									
Trumbull County									
3 W Warren	13	2012EST			0	0			Thunderstorm Wind (G52)
A trained spotter estimated wind gusts between 60 and 65 mph.									
Trumbull County									
Countywide	13	2015EST			0	0	105K		Thunderstorm Wind (G50)
Thunderstorm winds downed trees in Champion, Warren and Braceville Township.									
Summit County									
Barberton	23	1300EST			0	0			Hail(0.75)
Penny size hail was observed.									
Seneca County									
Tiffin	23	1440EST			0	0	150K		Thunderstorm Wind (G40)
Thunderstorms winds blew several containers off of a moving train five miles west of Tiffin.									
Hancock County									
Findlay	28	1105EST			0	0			Hail(0.75)
Penny size hail was observed in Findlay.									
Lorain County									
3 N Huntington	28	1258EST			0	0			Hail(0.75)
Penny size hail was observed three miles north of Huntington.									
Wayne County									
Doylestown	28	1340EST			0	0			Hail(0.75)
Penny size hail was observed.									
<u>OHIO, Northwest</u>									
Paulding County									
2 E Grover Hill	11	1629EST			0	0	0	0	Hail(1.75)
Defiance County									
5 SE Defiance	13	1420EST			0	0			Hail(1.00)
Van Wert County									
Van Wert	13	1620EST			0	0			Thunderstorm Wind (G51)
Van Wert County									
Van Wert	13	1623EST			0	0			Thunderstorm Wind (G55)
Numerous large tree limbs down.									
Van Wert County									
1 SE Convoy	13	1635EST			0	0	15K		Thunderstorm Wind (G55)
Roof ripped off an autobody shop and thrown into a car.									
Putnam County									
2 NW Ottoville	13	1640EST			0	0	7.5K		Thunderstorm Wind (G55)
Metal grain bin rolled and wrapped around a pole.									

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, Northwest</u>									
Henry County									
Countywide to Napoleon	13	1708EST			0	0			Thunderstorm Wind (G55)
Numerous branches down throughout the county, ranging from 5 to 6 feet in length and 3 inches in diameter.									
<u>OHIO, Southeast</u>									
Perry County									
New Lexington	13	1935EST			0	0			Hail(0.88)
Lawrence County									
Waterloo	14	1440EST			0	0			Hail(1.00)
Gallia County									
Patriot	14	1448EST			0	0			Hail(0.88)
Washington County									
3 NE Whipple	23	1621EST			0	0	2K		Hail(1.50)
A porch roof was damaged at a house along County Route 15. An unconfirmed sighting of a funnel cloud was associated with this storm in Washington County. The funnel cloud was reported in the aviation observation from the Wood County airport, several miles to the south and across the Ohio River.									
<u>OHIO, Southwest</u>									
Miami County									
Piqua	11	1715EST 1718EST			0	0	3K		Thunderstorm Wind (G50)
A few trees and power poles were downed.									
Preble County									
7 NW Eaton	11	1845EST 1848EST			0	0	3K		Thunderstorm Wind (G50)
Trees and power lines were knocked down near the intersection of US Route 40 and Gettysburg Road.									
Butler County									
Hamilton	13	1500EST 1503EST			0	0			Hail(0.75)
Butler County									
2 NE Jacksonburgh	13	1610EST 1614EST			0	0	3K		Thunderstorm Wind (G50)
Three to five inch tree limbs were knocked down near the intersection of State Route 122 and Mill Road.									
Montgomery County									
West Carrollton to Miamisburg	13	1630EST 1640EST			0	0	6K		Thunderstorm Wind (G50)
Numerous trees were downed.									
Licking County									
Buckeye Lake	13	1654EST 1658EST			0	0	10K		Hail(1.75)
Several trees and large limbs were also knocked down.									
Franklin County									
Whitehall	13	1659EST 1703EST			0	0			Hail(0.75)
Union County									
Marysville	13	1710EST 1714EST			0	0	15K		Thunderstorm Wind (G50)
Several trees and large limbs were knocked down. Fallen trees caused damage to two homes in town, and a business lost part of its roof.									
Fairfield County									
Pickerington	13	1714EST 1717EST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	
<u>OHIO, Southwest</u>								
Delaware County								
4 N Delaware	13	1720EST 1724EST			0	0		Hail(0.88)
Nickel size hail fell at Delaware State Park.								
Champaign County								
Mingo	13	1730EST 1734EST			0	0		Thunderstorm Wind (G52)
Fayette County								
Staunton	13	1743EST 1747EST			0	0		Hail(0.88)
Clinton County								
4 SSE Wilmington	13	1745EST 1749EST			0	0	4K	Hail(0.75)
A car sustained minor damage from the hail.								
Ross County								
Frankfort	13	1750EST 1754EST			0	0	8K	Thunderstorm Wind (G50)
Trees and large limbs were downed. A metal roof was blown off of a shed.								
Pickaway County								
Five Pts to 4 S Five Pts	13	1825EST 1828EST			0	0	3K	Thunderstorm Wind (G50)
Thunderstorm winds knocked down powerlines.								
Fairfield County								
Lithopolis	13	1835EST 1838EST			0	0	3K	Thunderstorm Wind (G50)
Thunderstorm winds knocked down powerlines.								
Scioto County								
5 SW Otway to 5 S Otway	19	1415EST 1420EST	2	50	0	0	20K	Tornado (F1)
Several 100 year old trees were twisted, with numerous other trees stripped of their bark. The roof of a barn was ripped off and carried 0.5 miles to the east.								
Scioto County								
Wheelerburg to South Webster	19	1450EST 1457EST			0	0	5K	Thunderstorm Wind (G50)
Trees were knocked down.								
Ross County								
2 SE Richmond Dale	28	1645EST 1648EST			0	0	8K	Thunderstorm Wind (G50)
Fifteen trees were downed in a 100 yard by 50 yard swath on Limerick Road. This was possibly a downburst.								
<u>OKLAHOMA, Eastern</u>								
Creek County								
3 N Shamrock	13	2045CST			0	0		Hail(0.88)
Wagoner County								
2 E Coweta	13	2120CST			0	0		Hail(1.00)
Sequoyah County								
2 W Sallisaw	13	2330CST			0	0	10K	Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour caused damage near and at Blue Ribbon Downs. Large tree limbs were broken and at least one tree was uprooted. Roof damage to horse barns was also reported.								
Ottawa County								
15 SE Miami	22	2125CST			0	0		Hail(0.88)
Osage County								
Grainola	22	2328CST			0	0		Hail(0.75)

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May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Eastern</u>									
Nowata County South Coffeyville	22	2357CST			0	0			Thunderstorm Wind (G52)
Craig County Centralia	23	0015CST			0	0			Thunderstorm Wind (G52) Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.
Ottawa County Wyandotte	23	0020CST			0	0			Thunderstorm Wind (G61) Thunderstorm winds estimated at 70 miles an hour blew down numerous trees.
Nowata County Wann	23	0043CST			0	0			Thunderstorm Wind (G61) Thunderstorm winds estimated at 70 miles an hour blew down a few trees.
Craig County 8 SSW Vinita	23	0140CST			0	0	1K		Thunderstorm Wind (G52) Thunderstorm winds estimated at 60 miles an hour blew down power lines.
Delaware County 6 E Jay	23	0145CST			0	0			Thunderstorm Wind (G52) Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.
Osage County 4 NE Avant	23	0155CST			0	0			Thunderstorm Wind (G52) Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.
Washington County 3 SW Ramona	23	0155CST			0	0			Thunderstorm Wind (G52) Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.
Nowata County 7 W Nowata	23	0200CST			0	0			Thunderstorm Wind (G52)
Rogers County Talala	23	0217CST			0	0			Thunderstorm Wind (G52) Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.
Mayes County Pryor	23	0240CST			0	0	1K		Thunderstorm Wind (G52) Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs and power lines.
Sequoyah County Akins	23	0355CST			0	0			Thunderstorm Wind (G52) Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.
Cherokee County 4 NW Cookson	24	1500CST 1507CST			0	0			Hail(0.75)
Okmulgee County Okmulgee	24	1500CST			0	0			Hail(1.75)
Okmulgee County 5 N Henryetta	24	1511CST			0	0			Hail(1.00)
Okmulgee County Okmulgee	24	1511CST			0	0			Hail(1.00)
Okmulgee County 1 W Schulter	24	1516CST			0	0			Thunderstorm Wind (G57)
Okmulgee County 2 E Schulter	24	1518CST			0	0			Hail(2.50)
Mcintosh County 8 E Checotah	24	1535CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OKLAHOMA, Eastern</u>									
Mcintosh County 8 E Checotah	24	1535CST			0	0			Thunderstorm Wind (G52) Thunderstorm winds estimated at 60 miles an hour blew down large trees limbs.
Muskogee County Porum	24	1555CST			0	0			Hail(1.00)
Sequoyah County Sallisaw	24	1555CST			0	0			Thunderstorm Wind (G61) Thunderstorm winds estimated at 70 miles an hour blew down several trees and tree limbs.
Haskell County 1 W Keota	24	1600CST			0	0	10K		Thunderstorm Wind (G70) Thunderstorm winds estimated at 80 miles an hour damage house.
Haskell County Mc Curtain	24	1615CST			0	0	100K		Thunderstorm Wind (G70) Thunderstorm winds estimated at 80 miles an hour damaged outbuildings and blew down power lines. The winds damaged several homes as well.
Cherokee County Tahlequah	24	1620CST 1700CST			0	0	100K		Flash Flood Heavy rains caused flooding in Tahlequah. A few inches of water entered ten business. Four people had to be rescued after their car stalled in a low water crossing.
Le Flore County Panama	24	1640CST			0	0	30K		Thunderstorm Wind (G61) Thunderstorm winds estimated at 70 miles an hour blew a mobile home over.
Le Flore County 3 E Panama	24	1650CST			0	0			Thunderstorm Wind (G61) Thunderstorm winds estimated at 70 miles an hour blew down numerous trees.
Le Flore County Howe	24	1653CST			0	0			Thunderstorm Wind (G61)
Le Flore County Poteau	24	1653CST			0	0	50K		Thunderstorm Wind (G50) Thunderstorm winds measured at 58 miles an hour blew over a camper trailer, destroyed a mobile home, and damaged the roof of a business.
Le Flore County Heavener	24	1655CST			0	0	25K		Thunderstorm Wind (G61) Thunderstorm winds estimated at 70 miles an hour blew down numerous outbuildings and power lines.
Le Flore County Panama	24	1655CST 2000CST			0	0			Flash Flood Major flooding was reported in and around town.
Haskell County Keota	24	1700CST 1930CST			0	0			Flash Flood Numerous roads in and around town were barricaded due to flooding.
Le Flore County Hodgen	24	1704CST			0	0	25K		Hail(1.00) Thunderstorm winds estimated at 70 miles an hour blew down large trees and demolished a home which was under construction.
Sequoyah County Vian	24	1734CST			0	0			Hail(1.00)
Sequoyah County Vian	24	1734CST			0	0			Thunderstorm Wind (G61) Thunderstorm winds estimated at 70 miles an hour blew down several trees.
Sequoyah County 4 E Vian	24	1736CST			0	0	10K		Thunderstorm Wind (G70)

Storm Data and Unusual Weather Phenomena

May 2005

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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OKLAHOMA, Eastern

Thunderstorm winds estimated at 80 miles an hour blew over a large barn.

Sequoyah County

Vian	24	1750CST 1930CST			0	0	100K		Flash Flood
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Two feet of water was reported in a store and a number of streets were flooded.

Le Flore County

Bokoshe	24	1800CST 2000CST			0	0			Flash Flood
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Portions of Highway 9 were closed from near Bokoshe to near Panama due to high water.

OKLAHOMA, Extreme Southeast

OKLAHOMA, Panhandle

Beaver County

3 SE Slapout	12	1203CST			0	0			Hail(0.88)
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Beaver County

3 SE Slapout	12	1228CST			0	0			Hail(1.50)
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Beaver County

2 N Elmwood	12	1903CST			0	0			Hail(0.75)
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Severe thunderstorms moved across the eastern Oklahoma panhandle during the afternoon and again in the evening hours producing hail. No damage or injuries were reported.

Beaver County

12 SE Beaver	13	1637CST			0	0			Hail(1.00)
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An isolated severe thunderstorm over the eastern Oklahoma panhandle produced large hail during the early evening hours.

OKZ002>003-003

Texas - Beaver

24		0005CST 0040CST			0	0			High Wind (G56)
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An outflow boundary from strong to severe thunderstorms in Kansas produced high winds in the central and eastern Oklahoma panhandle during the early morning hours.

Texas County

5.5 WNW Guymon	24 25	2348CST 2348CST			0	0			Hail(1.75)
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Texas County

Guymon	25	0002CST			0	0			Hail(1.00)
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Beaver County

3 E Turpin	25	0015CST			0	0			Thunderstorm Wind (G52)
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Texas County

5 NW Hardesty	25	0030CST			0	0			Hail(1.75)
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Texas County

Hardesty	25	0033CST			0	0			Hail(0.88)
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Beaver County

Gray	25	0100CST			0	0			Hail(0.75)
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Beaver County

Gray	25	0100CST			0	0			Thunderstorm Wind (G52)
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Tree limbs reported blown down.

Severe thunderstorms with large hail and damaging winds moved through the central and eastern Oklahoma panhandle during the late evening and early morning hours. No injuries were reported...however tree limbs were blown down in the town of Gray Oklahoma.

Storm Data and Unusual Weather Phenomena

May 2005

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

OKLAHOMA, Panhandle

Cimarron County

5 E Kenton	29	1445CST			0	0			Hail(0.75)
Reported by a Weather Channel meteorologist hiking in Black Mesa State Park.									
A severe thunderstorm moved across the western Oklahoma panhandle during the afternoon hours producing hail.									

OKLAHOMA, Western, Central and Southeast

Cotton County

10 W Walters	08	1505CST			0	0			Hail(0.75)
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Comanche County

1.5 SW Lawton	08	1514CST			0	0			Hail(0.75)
Hail was observed near the intersection of SW 112th Street and Combs Road.									

Comanche County

3 W Fletcher	08	1520CST			0	0			Hail(0.75)
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Comanche County

Lawton	08	1520CST			0	0			Hail(0.75)
Hail was reported at the intersection of 38th Street and Gore.									

Comanche County

5 W Elgin	08	1528CST			0	0			Hail(0.75)
Hail was reported at the intersection of Highway 62 and Highway 277.									

Caddo County

2 W Cyril	08	1532CST			0	0			Hail(1.00)
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Comanche County

3 W Fletcher	08	1534CST			0	0			Hail(0.75)
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Comanche County

3 W Fletcher	08	1541CST			0	0			Hail(1.00)
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Comanche County

Elgin	08	1551CST			0	0			Hail(1.00)
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Comanche County

Lake Ellsworth	08	1551CST			0	0			Hail(1.00)
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Comanche County

5 W Fletcher	08	1559CST			0	0			Hail(0.88)
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Comanche County

5 W Fletcher	08	1601CST			0	0			Hail(1.00)
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Caddo County

2 W Cyril	08	1632CST			0	0			Hail(1.00)
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Comanche County

3 SE Sterling	08	1636CST			0	0			Hail(1.00)
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Caddo County

2 W Cyril	08	1639CST			0	0			Hail(1.75)
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Caddo County

Cyril	08	1641CST 1644CST			0	0			Hail(1.00)
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Caddo County

Cement	08	1654CST			0	0			Hail(1.00)
Hail was reported by KWTW Ch. 9 in Oklahoma City, OK.									

McClain County

Purcell	08	1730CST			0	0			Hail(0.75)
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Cleveland County

4 E Lexington	08	1745CST			0	0			Hail(0.75)
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Storm Data and Unusual Weather Phenomena

May 2005

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
<u>OKLAHOMA, Western, Central and Southeast</u>									
Cleveland County									
12 E Noble	08	1750CST			0	0			Hail(0.88)
Garvin County									
7 S Maysville	08	1750CST			0	0			Hail(0.75)
Garvin County									
1 SW Pauls Valley	08	1800CST			0	0			Hail(0.88)
			Hail was observed along Highway 19.						
Garvin County									
Whitehead	08	1802CST			0	0			Hail(0.75)
Stephens County									
Duncan	08	1816CST			0	0			Hail(0.88)
Stephens County									
2 S Duncan	08	1823CST			0	0			Hail(1.00)
Stephens County									
5 N Duncan	08	1829CST			0	0			Hail(1.00)
Garvin County									
2 S Elmore City	08	1843CST			0	0			Hail(0.75)
Grant County									
Manchester	08	2140CST			0	0			Hail(0.75)
Grant County									
5 S Wakita	08	2229CST			0	0			Hail(1.75)
			Hail was reported near the intersection of Highway 11 and Highway 11A.						
Grant County									
Medford	08	2245CST			0	0			Hail(0.75)
Harper County									
Laverne	12	1220CST			0	0	2.5K		Hail(2.00)
			Several car windows were broken.						
Ellis County									
1 E Catesby	12	1240CST			0	0			Hail(0.75)
Harper County									
Buffalo	12	1255CST			0	0			Hail(0.75)
Alfalfa County									
5 N Cherokee	12	1645CST			0	0			Hail(0.75)
Alfalfa County									
10 ENE Amorita	12	1704CST			0	0			Hail(0.75)
Alfalfa County									
9 ENE Amorita	12	1705CST			0	0			Hail(1.00)
Harmon County									
4 W Hollis	12	2120CST			0	0			Hail(0.88)
			Hail was reported on Highway 62 near the Oklahoma-Texas state line.						
Harmon County									
Hollis	12	2136CST			0	0			Hail(0.75)
Harmon County									
Hollis	12	2140CST			0	0			Hail(0.88)
Harmon County									
5 N Gould	12	2200CST			0	0			Hail(1.00)
Greer County									
12 SW Mangum	12	2201CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

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<u>OKLAHOMA, Western, Central and Southeast</u>									
Beckham County									
9 S Elk City to 10 S Elk City	12	2230CST			0	0	25K		Thunderstorm Wind (G65)
	Strong thunderstorm wind gusts blew over a double-wide trailer located on the northeast corner of the intersection of Highway 152 and Highway 6, south of Elk City. Stop signs were also blown over about a mile south of this intersection.								
Washita County									
2 W Burns Flat	12	2245CST			0	0			Thunderstorm Wind (G53)
	Wind gust was measured by the Clinton (CSM) ASOS.								
Custer County									
Arapaho	12	2310CST			0	0			Hail(2.00)
	Hail was observed on the west side of town.								
Custer County									
6 SE Custer City	12	2310CST			0	0			Thunderstorm Wind (G61)
Custer County									
Arapaho	12	2315CST			0	0	1K		Thunderstorm Wind (G61)
	Shingles were blown off the roof of a home, along with 14 inch diameter tree limbs downed.								
Jackson County									
3 E Blair	12	2319CST			0	0			Hail(1.00)
Caddo County									
Alfalfa	12	2325CST			0	0			Thunderstorm Wind (G52)
Oklahoma County									
Edmond	13	0735CST			0	0			Hail(1.00)
	Hail was observed at the intersection of Santa Fe Avenue and Danforth Road.								
Oklahoma County									
5 WSW Edmond	13	0740CST			0	0			Hail(0.88)
	Hail was reported at the intersection of 154th Street and Pennsylvania Avenue.								
Garfield County									
Enid	13	0800CST			0	0			Hail(0.75)
	Hail was observed on the west side of town.								
Beckham County									
13 SSW Erick	13	1535CST			0	0			Hail(0.88)
Harmon County									
7 SE Hollis	13	1600CST			0	0			Hail(0.75)
Greer County									
12 WNW Willow	13	1605CST			0	0			Hail(1.00)
	Hail was reported at the Sandy Sanders Wildlife Reserve near the Greer-Beckham County line.								
Garfield County									
Drummond	13	1620CST			0	0			Hail(1.00)
Harmon County									
Hollis	13	1645CST			0	0			Hail(1.50)
Garfield County									
Vance Afb	13	1650CST			0	0			Hail(1.00)
	Hail was reported at the housing area of Vance Air Force Base.								
Garfield County									
Vance Afb	13	1656CST			0	0			Hail(0.75)
Garfield County									
Waukomis	13	1708CST 1710CST			0	0			Hail(0.88)
Greer County									
Mangum	13	1721CST			0	0			Hail(0.75)

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<u>OKLAHOMA, Western, Central and Southeast</u>									
Greer County									
1.5 SW Mangum	13	1722CST			0	0			Hail(0.75)
Greer County									
9 SW Mangum	13	1729CST			0	0			Hail(1.00)
Greer County									
11 SW Mangum to 5 NW Mangum	13	1735CST			0	0			Hail(0.75)
Greer County									
Mangum	13	1736CST			0	0			Hail(2.00)
Greer County									
Mangum	13	1744CST			0	0			Hail(1.75)
									Hail was observed on Highway 34 on the south side of town.
Jackson County									
1 W Martha	13	1753CST			0	0			Thunderstorm Wind (G78)
Custer County									
1 W Butler	13	1754CST			0	0			Hail(1.00)
Garfield County									
Hayward	13	1754CST			0	0			Hail(0.88)
Jackson County									
Altus	13	1803CST			0	0			Hail(0.88)
									Hail was reported at the corner of Bradford and Market Street.
Jackson County									
2 N Blair	13	1805CST			0	0			Hail(1.00)
									Hail was reported near the intersection of Highway 62 and Martha Road.
Jackson County									
(Lts)Altus Afb	13	1806CST			0	0			Thunderstorm Wind (G50)
									The wind gust was measured by the surface observations station at Altus AFB (LTS).
Noble County									
3 SW Perry	13	1810CST			0	0			Hail(1.00)
Jackson County									
1 W Altus	13	1812CST			0	0			Hail(1.75)
Jackson County									
Altus	13	1817CST			0	0			Hail(1.00)
Logan County									
Marshall	13	1820CST			0	0			Hail(0.75)
									Hail was reported covering the ground.
Jackson County									
5 E Altus	13	1825CST			0	0			Hail(1.00)
Kay County									
Braman	13	1830CST			0	0			Hail(1.25)
Kay County									
Braman	13	1830CST			0	0			Hail(1.00)
Washita County									
1 S Foss	13	1835CST			0	0			Hail(1.00)
Kiowa County									
1 S Snyder	13	1837CST			0	0			Hail(0.88)
									Hail was observed on Highway 62.
Kiowa County									
Mountain Park	13	1838CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OKLAHOMA, Western, Central and Southeast</u>									
Kingfisher County									
Hennessey	13	1845CST			0	0			Hail(1.00)
Comanche County									
1 N Indiahoma	13	1900CST			0	0			Hail(0.88)
Kiowa County									
7 NE Mountain Park	13	1905CST			0	0			Hail(0.75)
Payne County									
10 W Stillwater	13	1912CST			0	0			Hail(1.00)
Kingfisher County									
Dover	13	1930CST			0	0			Hail(0.75)
Logan County									
2 N Langston	13	1930CST			0	0			Thunderstorm Wind (G52)
Payne County									
Stillwater	13	1935CST			0	0			Hail(1.00)
Roger Mills County									
4 SW Reydon	13	1935CST			0	0			Hail(1.75)
Payne County									
3 W Perkins	13	1945CST			0	0			Thunderstorm Wind (G52)
Beckham County									
6 WNW Mayfield	13	1950CST			0	0			Hail(1.00)
Caddo County									
Hydro	13	1950CST			0	0			Hail(0.75)
Payne County									
Perkins	13	1951CST			0	0			Hail(0.88)
Lincoln County									
10 NW Chandler	13	1955CST			0	0			Hail(0.88)
Payne County									
3 WNW Perkins	13	1955CST			0	0	2K		Thunderstorm Wind (G61)
									Numerous 8 to 12 inch diameter tree limbs downed.
Harmon County									
4 W Hollis	13	1956CST			0	0			Hail(0.75)
Payne County									
1 NE Perkins	13	1957CST			0	0			Hail(1.00)
Tillman County									
4 S Frederick	13	1959CST			0	0			Hail(0.75)
									Hail was reported on U.S. Highway 183.
Tillman County									
3 S Frederick	13	1959CST			0	0			Hail(1.00)
Custer County									
1.5 N Weatherford	13	2000CST			0	0			Hail(0.75)
									Hail was reported by the commercial radio station KWVY.
Harmon County									
7 SSE Hollis	13	2000CST			0	0			Hail(0.75)
Lincoln County									
7 NNW Carney	13	2009CST			0	0			Thunderstorm Wind (G65)
Lincoln County									
2 WNW Tryon	13	2019CST			0	0	15K		Thunderstorm Wind (G65)
									The roof was blown off a mobile home on Complex Road near Highway 177.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>OKLAHOMA, Western, Central and Southeast</u>									
Lincoln County 4 WNW Tryon	13	2020CST			0	0	10K		Thunderstorm Wind (G69) Part of the roof was blown off a building 2 miles north of the intersection of Highway 105 and Highway 177 and 1.25 miles east on Complex Road.
Beckham County 4 S Sayre	13	2035CST			0	0			Hail(1.00)
Jefferson County 4 NW Addington	14	0212CST			0	0			Hail(0.75)
Carter County 1 W Springer	14	0253CST			0	0			Hail(0.88) Hail was reported at mile marker 41 on Interstate 35.
Cleveland County Norman	23	0455CST			0	0			Hail(0.88) Hail was observed on the north side of town, about a half a mile north of the intersection of Porter Avenue and E. Robinson Street.
Cleveland County Norman	23	0501CST			0	0			Hail(0.88) Hail was reported on the south side of town, near the intersection of Jenkins Avenue and Constitution Street at the Lloyd Noble Center on the University of Oklahoma campus.
Cleveland County Norman	23	0502CST			0	0			Hail(0.80) Hail was observed on the north side of town, about a half a mile north of the intersection of Porter Avenue and E. Robinson Street.
Cleveland County Norman	23	0511CST			0	0			Hail(0.75) Hail was reported on the southeast side of town, near the intersection of E. Lindsey Street and Biloxi Drive.
Cleveland County Norman	23	0515CST			0	0			Hail(1.00) Hail was reported on the south side of town, at the intersection of Jenkins Avenue and Lindsey Street.
Cleveland County Norman	23	0515CST			0	0			Hail(0.88) Hail was reported on the southeast side of town, near the intersection of Highway 9 and 24th Avenue S.E.
Cleveland County Norman	23	0515CST			0	0			Hail(0.75) Hail was observed on the south side of town, near the intersection of Highway 77 and Highway 9.
Cleveland County Norman	23	0517CST			0	0			Hail(0.75) Hail was observed on the southeast side of town just south of the intersection of Highway 9 and 24th Avenue S.E.
Harper County .5 SW Buffalo	24	0110CST			0	0			Thunderstorm Wind (G52) Wind was measured by the Oklahoma mesonet.
Harper County Buffalo	24	0129CST			0	0			Thunderstorm Wind (G61)
Woods County 16 NNE Freedom	24	0130CST			0	0			Thunderstorm Wind (G52) Wind was measured by the Oklahoma mesonet.
Harmon County 9 N Gould	25	0740CST			0	0			Hail(0.75)
Harmon County 4 WNW Gould	25	0744CST			0	0			Hail(0.75) Pea to penny size hail was reported covering the ground.
Harmon County 4 WNW Gould	25	0744CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

May 2005

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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OKLAHOMA, Western, Central and Southeast

Jackson County 6 SW Duke	25	0755CST			0	0			Hail(0.75)
Jackson County 9 WSW Altus	25	0816CST			0	0			Hail(1.00)
Comanche County Lawton	25	0833CST			0	0			Hail(0.88)
Hail was reported at the intersection of Sheridan Boulevard and Cache Road.									
Jackson County Headrick	25	0839CST			0	0			Hail(0.88)
Caddo County 2 W Cogar	31	1525CST			0	0			Hail(1.00)
Canadian County 9 SW Calumet	31	1610CST			0	0			Hail(0.75)
Hail was reported on Interstate 40.									
Jackson County Eldorado	31	1649CST			0	0			Hail(1.00)
Jackson County 3 SE Eldorado	31	1655CST			0	0			Hail(1.75)
Comanche County 3 E Pumpkin Center	31	1657CST			0	0			Hail(0.88)
Tillman County 3 SSW Tipton	31	1722CST			0	0			Hail(0.88)

OREGON, Central and East

OREGON, Northwest

OREGON, Southeast

ORZ061	Harney								
	06	1300PST			0	0	10K		Flood
	07	0600PST							
Fish Lake Rd., Page Springs Campground flooded.									
Malheur County Harper	29	1740PST 1815PST			0	0		3K	Hail(0.75)

OREGON, Southwest

ORZ021-021-021	South Central Oregon Coast								
	17	0830PST			0	0			High Wind (G83)
	18	0030PST							

Recorded at Cape Blanco.

A High Wind Warning was issued for the coastal headlands of Oregon zones ORZ021/022 at 17/0145 PDT, effective from 17/1400 until 18/1000 PDT. It was cancelled at 18/0543 PDT. The warning verified early at 17/0900 PDT and verified continuously until 18/0100 PDT. The first and last verifying sustained wind observation is recorded above along with the peak gust.

Storm Data and Unusual Weather Phenomena

May 2005

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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OREGON, Southwest

Jackson County

Ashland	27	1925PST			0	0			Hail(0.75)
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A spotter 3SE Ashland reported 0.75 inch hail with a thunderstorm.
Based on the above spotter report, a Severe Thunderstorm Warning was issued for South Central Jackson County at 27/1934 PDT, effective until 27/2000 PDT. The warning was cancelled at 27/1954 PDT.

Jackson County

Talent	27	2003PST			0	0			Hail(0.75)
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A spotter 2WSW Talent reported .75 inch hail with a thunderstorm.
Based on the above spotter report, a Severe Thunderstorm Warning was issued for Central Jackson County at 27/2021 PDT, effective until 27/2100 PDT. The warning was cancelled at 27/2034 PDT.

Klamath County

Keno	28	0728PST			0	0			Hail(1.00)
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A spotter N of Keno reported 1.0 inch hail with a thunderstorm.
No Severe Thunderstorm warning was issued or in effect at the time of this report.

PACIFIC

PENNSYLVANIA, Central

Juniata County

Mc Alisterville	14	1825EST			0	0			Thunderstorm Wind (G55)
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Thunderstorm winds caused a downburst wind gust estimated at 55 to 60 mph that blew off a substantial portion of the roof of a restaurant located just to the west of McAlisterville on Route 35. Some tree branches were also downed nearby.

York County

2 NE Sunny Burn	28	1315EST			0	0			Thunderstorm Wind (G75)
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A thunderstorm produced downburst wind damage in southeast York County in Lower Chanceford Township. Between 40 and 50 trees were blown down in a damage swath about 100 yards wide and 300 yards long. Damage was concentrated near the Lock 12 historic area, just to the south of Holtwood Dam.

PENNSYLVANIA, East

Chester County

Spring City to Malvern	28	1451EST			0	0			Thunderstorm Wind (G52)
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A severe thunderstorm knocked down trees, tree limbs and power lines across eastern Chester County mainly in townships near Delaware and Montgomery Counties. PECO Energy reported about 20,000 of its customers lost power because of the severe thunderstorms in its southeastern Pennsylvania service area with Chester and Bucks Counties reporting the most outages.

Delaware County

Sharon Hill	28	1456EST			0	0			Thunderstorm Wind (G52)
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A severe thunderstorm knocked down trees, tree limbs and power lines In Sharon Hill Borough. PECO Energy reported about 20,000 of its customers lost power because of the severe thunderstorms in its southeastern Pennsylvania service including Delaware County.

Philadelphia County

(Phl)Philadelphia In to Philadelphia	28	1456EST			0	1			Thunderstorm Wind (G60)
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A severe thunderstorm tore through Philadelphia, knocked down several trees and a large tent and caused one injury. At Philadelphia International Airport, the wind gusted to 69 mph. One person was injured when the damaging winds caused a large outdoor tent to collapse at the Rock Lobster Club on Christopher Columbus Boulevard. Numerous trees were knocked down along U.S. Route 1 (Roosevelt Boulevard). PECO Energy reported about 20,000 of its customers lost power because of the severe thunderstorms in its southeastern Pennsylvania service area including Philadelphia County.

Delaware County

.3 SE Essington	28	1500EST			0	0	0	0	Funnel Cloud
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A funnel cloud was sighted over the Delaware River just southeast of Philadelphia International Airport and Tincum Township.

Storm Data and Unusual Weather Phenomena

May 2005

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, East

Montgomery County

Wyncote	28	1510EST			0	0			Thunderstorm Wind (G50) A severe thunderstorm tore down several large limbs and wires in the Wyncote area of Cheltenham Township. PECO Energy reported about 20,000 of its customers lost power because of the severe thunderstorms in its southeastern Pennsylvania service area including Montgomery County.
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Bucks County

Croyden to Yardley	28	1530EST 1540EST			0	0			Thunderstorm Wind (G56) A severe thunderstorm knocked down numerous trees in Bristol Township, especially in the Levittown area. A fallen tree also blocked the Pennsylvania Turnpike exit in the township. Elsewhere in the county, several large limbs were knocked down in Yardley Borough. PECO Energy reported about 20,000 of its customers lost power because of the severe thunderstorms in its southeastern Pennsylvania service area with Bucks and Chester Counties reporting the most outages. Over 4,000 homes and businesses lost power in Bucks County.
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PENNSYLVANIA, Northeast

Pike County

Milford to 6 NE Milford	27	1555EST 1605EST			0	0	5K		Thunderstorm Wind (G60) Thunderstorm winds downed trees and wires in Milford and Matamoras.
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Luzerne County

Nanticoke	30	1555EST			0	0	10K		Lightning Lightning struck a one family house starting a fire in the attic. The fire was quickly detected, but the attic was gutted in addition to water and smoke damage to the first and second floors. The owner was home at the time and got out safely.
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PENNSYLVANIA, Northwest

Crawford County

Guys Mills	27	2125EST			0	0			Hail(0.75) Penny size hail was observed.
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PENNSYLVANIA, West

Westmoreland County

3 NE North Washington	14	1532EST			0	0	5K		Thunderstorm Wind (G50) Large tree blown down on Orr Ave in Oklahoma Boro.
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Armstrong County

Apollo	14	1535EST			0	0			Thunderstorm Wind (G50) Tree blown down on Woodward St.
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Allegheny County

Munhall to Homestead	23	1345EST			0	0	30K		Thunderstorm Wind (G52) A microburst, with 60 mph winds (52 kt), caused damage on a narrow path, mainly on 10th Ave, 11th Ave, Martha St, and Ravine St in Munhall and Homestead. The damage was 100 yards wide and 200 yards long. 34 homes had twisted awnings, and damage to roofs, siding, rain gutters. Some trees were blown down, and one fell on a house. 400 customers lost electric power.
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Westmoreland County

5 WSW Jeanette	23	1400EST			0	0	10K		Thunderstorm Wind (G61) A microburst, with winds of 70 mph (61 kt), struck North Huntingdon Twp, west southwest of Jeannette. The path of damage was one quarter mile long and 200 yards wide. One house lost a portion of its roof. Several houses had siding blown off. Several trees were toppled or snapped off.
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PUERTO RICO

Storm Data and Unusual Weather Phenomena

May 2005

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

SOUTH CAROLINA, Central

Saluda County

6 NNE Saluda	10	1340EST			0	0	0	0	Hail(0.88)
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Saluda county EM reported they received a report of nickel size hail northeast of town.

Newberry County

2 SE Silverstreet	10	1355EST			0	0	0	0	Hail(0.75)
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Post Office carrier reported 3/4 inch hail occurred just southeast of Silver Street.

Saluda County

1 W Batesburg	10	1431EST			0	0			Hail(1.00)
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SKYWARN spotter reported 1 inch hail just west of Batesburg.

Lexington County

Leesville	10	1436EST			0	0			Hail(1.75)
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SKYWARN spotter reported golf ball size hail.

Mccormick County

6 NW Mc Cormick to 6 SE Mc Cormick	10	1440EST 1510EST			0	0			Hail(1.00)
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EM reported quarter size hail across much of the county.

Kershaw County

2 E Elgin	10	1442EST			0	0			Hail(1.00)
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Public called in a report of 1 inch hail.

Lexington County

6 W Pelion	10	1535EST			0	0			Hail(0.88)
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Electric coop reported nickel size hail at Fairview Cross-roads.

Lexington County

6 W Pelion	10	1545EST			0	0			Hail(1.75)
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Public called in a report of golf ball size hail.

Kershaw County

8 S Lugoff	10	1548EST			0	0			Hail(0.88)
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Public called in a report of nickel size hail.

Edgefield County

10 SW Trenton	10	1550EST			0	0	0	0	Hail(0.75)
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Public reported penny size hail.

Aiken County

Belvedere	10	1552EST			0	0			Hail(0.88)
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TV 26 reported nickel size hail.

Edgefield County

10 N Edgefield	10	1555EST			0	0	0	0	Hail(0.75)
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Sheriff reported 3/4 inch hail north of Edgefield.

Lexington County

Leesville	10	1600EST			0	0	0	0	Hail(0.75)
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Public called in a report of penny size hail.

Aiken County

2 N North Augusta	10	1605EST			0	0	0	0	Hail(0.88)
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SKYWARN HAM reported nickel size hail on I-20 at mile marker 5.

Kershaw County

Camden	10	1606EST			0	0	0	0	Hail(0.75)
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SKYWARN HAM reported penny size hail in Camden.

Storm Data and Unusual Weather Phenomena

May 2005

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>									
Kershaw County									
5 N Cassatt	10	1615EST			0	0	0	0	Hail(0.75)
Postal carrier reported 3/4 inch hail on sc hwy 341.									
Lancaster County									
6 NE Kershaw	10	1623EST			0	0	0	0	Hail(0.75)
Public reported penny size hail in and around the Midway Community.									
Saluda County									
Ward	10	1628EST			0	0			Hail(0.88)
EM reported nickel size hail in the Ward area.									
Chesterfield County									
Pageland	10	1630EST			0	0			Hail(0.88)
Sheriff reported nickel size hail in Pageland.									
Saluda County									
1 W Ridge Spg	10	1630EST			0	0	0	0	Hail(0.75)
Public called in a report of 3/4 inch hail.									
Lee County									
3 E Bishopville	10	1645EST			0	0	0	0	Hail(0.75)
Park Service reported 3/4 inch hail.									
Orangeburg County									
Springfield	10	1653EST			0	0	0	0	Hail(0.75)
Post Office reported 3/4 inch hail.									
Lexington County									
11 WNW Pelion	10	1700EST 1815EST			0	0			Flash Flood
SKYWARN HAM reported flash flooding across rural roads, closing several of them in the Steedman area.									
Orangeburg County									
2 E Norway	10	1700EST 1710EST			0	0			Hail(1.00)
Public reported quarter size hail.									
Orangeburg County									
2 E Norway	10	1710EST			0	0			Hail(1.00)
Public reported 1 inch hail east of Norway.									
Aiken County									
Wagener	10	1712EST			0	0	0	0	Hail(0.75)
Post Office reported penny size hail.									
Barnwell County									
3 SW Snelling	10	1713EST			0	0	0	0	Hail(0.75)
Savannah River Site reported 3/4 inch hail on the east side of the facility.									
Chesterfield County									
2 SE Pageland to 5 SE Pageland	10	1740EST 1800EST			0	0			Flash Flood
Highway Dept. reported flood rural roadways and streams closing some of them off.									
Bamberg County									
Olar	10	1807EST			0	0	0	0	Hail(0.75)
Sheriff reported 3/4 inch hail in Olar and the surrounding area.									
Saluda County									
7 WNW Saluda	13	1745EST			0	0			Hail(1.00)
Mayson Fire Dept. reported quarter size hail.									
Fairfield County									
12 ENE Winnsboro	15	1340EST 1345EST			0	0			Hail(1.50)
Park Service reported 3/4 to 1.5 inch hail.									

Storm Data and Unusual Weather Phenomena

May 2005

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>									
Kershaw County									
Liberty Hill	15	1345EST			0	0			Hail(1.75) Public reported golf ball size hail in the Liberty Hill area.
Clarendon County									
12 NE Manning	15	1630EST			0	0	0	0	Hail(0.75) Public reported 3/4 inch hail in the Oak Dale Community area.
Orangeburg County									
Eutawville	15	1840EST			0	0	0	0	Hail(0.75) Trained spotter reported penny size hail.
Newberry County									
Chappells	13	1827EST			0	0	0	0	Hail(0.75) Postal carrier reported penny size hail in the Chappells area.
Sumter County									
Mayesville	15	1853EST			0	0	0	0	Thunderstorm Wind (G50) Post Office reported large branches down in and around Mayesville.
Lee County									
St Charles	15	1900EST			0	0	0	0	Thunderstorm Wind (G50) Post Office reported large branches down in and around the St. Charles area.
Richland County									
Forest Acres	17	1431EST			0	0		0	Hail(0.88) SKYWARN HAM reported nickel size hail.
Barnwell County									
Elko	17	1540EST			0	0			Hail(1.00) Elko Grocery reported quarter size hail.
Aiken County									
5 SW Wagener	17	1655EST			0	0	0	0	Hail(0.75) Water Wheel Grocery reported penny size hail.
Orangeburg County									
4 NW Orangeburg	17	1535EST			0	0	0	0	Hail(0.75) Public reported penny size hail at outdoor equipment facility on hwy 178.
Mccormick County									
Clarks Hill	20	1308EST			0	0	0	0	Thunderstorm Wind (G73) Mesonet site at Clarks Hill recorded a 73mph gust.
Edgefield County									
Edgefield	20	1310EST			0	0	0	0	Thunderstorm Wind (G50) Dept. of Highways reported numerous large tree branches down around town.
Edgefield County									
10 SSW Edgefield	20	1319EST			0	0			Hail(1.25) Post Office reported half dollar ball size hail on hwy 230.
Edgefield County									
8 S Edgefield	20	1327EST			0	0			Hail(1.75) Post Office reported golf ball size hail on hwy 29.
Aiken County									
Graniteville	20	1332EST			0	0		0	Thunderstorm Wind (G55) Dept. of Highways reported several trees down.
Aiken County									
Clearwater	20	1338EST			0	0		0	Thunderstorm Wind (G55) Electric coop reported several trees down and power outages in Clearwater.
Aiken County									
5 W New Ellenton	20	1340EST			0	0	0		Hail(0.88) Public called in a report of nickel size hail at Hollow Creek.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>SOUTH CAROLINA, Central</u>									
Bamberg County									
Olar	20	1345EST			0	0			Thunderstorm Wind (G50)
Electric coop reported large limbs down on powerlines with power outages.									
Lexington County									
Leesville	20	1350EST			0	0			Thunderstorm Wind (G55)
Electric coop reported trees and powerlines down on Monticello road									
Lexington County									
8 SW Lexington	20	1403EST			0	0	0	0	Thunderstorm Wind (G50)
EM reported a couple trees down on Pond Branch road.									
Barnwell County									
3 ENE Barnwell	20	1406EST			0	0	0	0	Hail(0.75)
Post Office reported penny size hail on hwy 70.									
Bamberg County									
Denmark	20	1420EST			0	0	0	0	Thunderstorm Wind (G55)
Highway dept. reported a few trees down in the Denmark area.									
Barnwell County									
8 NE Williston	20	1420EST			0	0			Hail(1.00)
Public called in a report of quarter size hail.									
Aiken County									
Salley	20	1423EST			0	0			Hail(0.88)
Post Office reported nickel size hail.									
Orangeburg County									
Springfield	20	1426EST			0	0			Hail(1.00)
EM reported quarter size hail.									
Aiken County									
5 SW Wagener	20	1430EST			0	0	0	0	Thunderstorm Wind (G50)
Public reported numerous large branches down around the Water Wheel Grocery Store area.									
Calhoun County									
St Matthews	20	1453EST			0	0			Hail(1.00)
Public reported quarter size hail in the St. Matthews area.									
Richland County									
Eastover	20	1455EST			0	0	0		Hail(0.88)
Post Office reported nickel size hail in the Eastover area.									
Calhoun County									
1 W St Matthews	20	1505EST			0	0	0	0	Hail(0.75)
Public reported 3/4 inch hail west of St. Matthews.									
Calhoun County									
1 W St Matthews	20	1505EST			0	0	0	0	Thunderstorm Wind (G50)
Public reported on tree down west of St. Matthews.									
Sumter County									
Wedgfield to Pinewood	20	1512EST 1517EST			0	0			Thunderstorm Wind (G60)
EM reported trees down between Wedgfield and Pinewood.									
Sumter County									
2 N Sumter	20	1524EST			0	0	0	0	Hail(0.75)
Post Office reported penny size hail on hwy 15.									
Clarendon County									
Paxville	20	1527EST			0	0	0	0	Thunderstorm Wind (G50)
Highway Dept. reported several trees down in the Paxville area.									
Sumter County									
Mayesville	20	1532EST			0	0			Thunderstorm Wind (G50)
Electric coop reported trees down on powerlines with power outages.									

Storm Data and Unusual Weather Phenomena

May 2005

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

Barnwell County

Barnwell Co Arpt	20	1400EST			0	0	1K	0	Lightning
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A lightning strike knocked out the airports nondirectional beacon and its weather communications equipment.

SOUTH CAROLINA, North Coastal

Darlington County

Hartsville	10	2056EST 2200EST			0	0			Heavy Rain
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Darlington 911 reported that Lake View Rd was flooded.

Williamsburg County

Hebron Xrds	15	1630EST			0	0			Hail(0.75)
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A farmer reported penny size hail. Winds were also estimated at 60 mph, and downed large tree limbs.

Williamsburg County

Lane	15	1732EST			0	0			Hail(1.75)
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Golfball size hail was reported.

Horry County

4 W Bayboro	15	1810EST			0	0			Hail(0.75)
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A farm service representative reported penny size hail.

Horry County

5 NW Horry	20	1640EST			0	0			Hail(0.88)
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Amateur radio reported nickel size hail on US Rt 50.

Horry County

3 NW Conway to 1 NNE Conway	20	1655EST 1705EST			0	0	1.2M		Thunderstorm Wind (G78)
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A NWS Storm Survey concluded that downburst winds up to 90 mph caused two air conditioning units to fall through the Loris Community Hospital's roof. Nearby buildings, trees, and automobiles were also damaged. There was evidence of wind damage nearly one mile NNE from the hospital through downtown Loris. The roof was torn off of the Loris town jail and metal sheet roofing was removed from other buildings in town.

Williamsburg County

Hemingway	20	1721EST			0	0			Thunderstorm Wind (G55)
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911 reported trees down.

Florence County

Lake City	24	1615EST			0	0			Hail(0.75)
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Penny size hail was reported by the South Lynches Fire department.

Marion County

18 S Marion	24	1630EST 1635EST			0	0			Hail(0.75)
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Penny size hail fell for five minutes on Hwy 378 east of Gresham.

Horry County

10 N Conway	24	1637EST			0	0			Hail(0.75)
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Penny size hail was reported.

Horry County

Surfside Beach	24	1704EST			0	0			Hail(1.75)
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A trained spotter reported golfball size hail.

Georgetown County

Pawleys Is	24	1715EST			0	0			Hail(1.00)
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The fire department reported quarter size hail.

SOUTH CAROLINA, Northwest

Union County

Union	10	1319EST			0	0			Hail(1.75)
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Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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

York County

Clover	10	1350EST			0	0			Lightning
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Lightning struck a tree and a barn, igniting a fire.

Chester County

7 W Chester	10	1405EST			0	0			Hail(1.00)
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Abbeville County

6 NE Abbeville	10	1445EST			0	0			Hail(0.75)
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Greenville County

15 N Greer	10	1515EST			0	0			Hail(0.75)
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Hail stripped leaves from trees and covered the ground.

Greenville County

Donaldson Afb	10	1516EST			0	0			Hail(1.50)
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York County

10 NE York	10	1520EST			0	0			Hail(0.88)
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Greenwood County

Ware Shoals	10	1530EST			0	0			Hail(0.75)
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Abbeville County

4 N Donalds	10	1534EST			0	0			Hail(0.75)
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Laurens County

Hickory Tavern	10	1559EST			0	0			Hail(0.75)
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Oconee County

3 N Salem	19	1330EST			0	0			Thunderstorm Wind (G50)
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Highway dept reported a tree on a power line, which sparked a fire in the Bad Creek area. Salem Post Office described wind as strong enough to cause damage.

Anderson County

2 SW Powdersville	19	2335EST			0	0			Hail(0.75)
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Anderson County

Belton	20	0015EST			0	0			Thunderstorm Wind (G50)
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Numerous trees down around Belton.

Spartanburg County

4 S Cowpens	20	0050EST			0	0			Hail(0.75)
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Pickens County

Pickens	20	0300EST			0	0	16K		Lightning
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Lightning killed 16 cows.

Greenville County

Greenville	20	0500EST 0700EST			0	0			Flash Flood
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The Reedy River in downtown Greenville flooded. Also, Edwards Rd flooded in Taylors.

Anderson County

Countywide	20	0500EST 0700EST			0	0			Heavy Rain
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Minor flooding in low-lying areas, mainly those that typically flood during heavy rain. One bridge was covered with water on the Belton-Anderson Highway.

SOUTH CAROLINA, South Coastal

Colleton County

Islandton	10	1915EST 1920EST			0	0			Thunderstorm Wind (G50)
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Large tree limbs down.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>SOUTH CAROLINA, South Coastal</u>									
Colleton County									
Lodge	10	1915EST 1920EST			0	0			Thunderstorm Wind (G55)
Coastal Electric Cooperative reported trees and powerlines down.									
Berkeley County									
Pineville	15	1755EST 1800EST			0	0			Hail(1.75)
Berkeley County									
Eadytown	15	1840EST 1845EST			0	0			Thunderstorm Wind (G57)
Handar equipment recorded wind gust of 66 mph.									
Charleston County									
James Is	16	1430EST 1500EST			0	0			Flash Flood
Public reported 7.5 inches of rain. Numerous stalled vehicles in roadways being pushed to higher ground. Intersection of Camp and Folly roads flooded.									
Charleston County									
Central Portion	17	1330EST 1400EST			0	0			Flash Flood
Areas of West Ashley flooded. Area near Blessed Sacrament Church flooded. St. Teresa drive and Moore drive flooded.									
Charleston County									
Charleston	17	1500EST 1530EST			0	0			Flash Flood
Portions of East Bay flooded. Portions of crosstown flooded. 1 car stranded in high water on crosstown.									
Beaufort County									
Hilton Head Is	17	1629EST 1645EST			0	0			Flash Flood
East bound lanes of Moss Creek Rd flooded. Lagoon Rd. flooded.									
Colleton County									
14 NW Bennetts Pt	20	1500EST 1505EST			0	0			Thunderstorm Wind (G50)
Trees down along Bennetts Point Rd. near intersection of Hwy 17.									
Beaufort County									
Hilton Head Is	20	1615EST 1620EST			0	0			Hail(0.88)
Penny to nickel size hail fell at the Harbor town lighthouse.									
Jasper County									
Levy	20	1700EST 1705EST			0	0			Thunderstorm Wind (G50)
Trees and power lines down.									
Beaufort County									
3 S Beaufort	20	1517EST 1520EST			0	0			Hail(0.75)
Dorchester County									
Summerville	20	1517EST 1522EST			0	0			Hail(0.88)
Beaufort County									
Parris Is	20	1539EST 1545EST			0	0			Thunderstorm Wind (G50)
Charleston County									
Edisto Is	20	1545EST 1550EST			0	0			Thunderstorm Wind (G50)
Beaufort County									
Parris Is	20	1539EST 1545EST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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

Beaufort County

Hilton Head Is	20	1600EST 1605EST			0	0			Thunderstorm Wind (G50)
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Beaufort County

Hilton Head Is	20	1620EST 1625EST			0	0			Thunderstorm Wind (G50)
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Trees, limbs, and power lines down

Charleston County

James Is	30	0637EST 0655EST	4	30	0	0			Tornado (F1)
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Several large road signs were damaged or destroyed, power lines were downed, and numerous trees uprooted or snapped off. Vinyl siding was ripped off of several homes and gutters were destroyed. There was some roof damage and a porch was partially destroyed.

SOUTH DAKOTA, Central and North

Jones County

3 S Capa	07	1450CST			0	0			Hail(1.75)
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Stanley County

8 SE Hayes	07	1520CST			0	0			Hail(1.75)
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Stanley County

6 E Hayes	07	1530CST			0	0			Hail(1.25)
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Jones County

10 S Draper	07	1548CST			0	0			Hail(0.75)
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Sully County

23 W Onida	07	1615CST			0	0			Hail(1.75)
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Walworth County

9.5 ESE Lowry	07	1710CST			0	0			Hail(0.88)
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Walworth County

Mobridge	07	1728CST			0	0			Hail(0.75)
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Codington County

3 N Henry	07	1745CST			0	0			Hail(0.88)
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Mcperson County

5 SE Eureka	07	1750CST			0	0			Hail(1.75)
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Codington County

10 N Henry	07	1800CST			0	0			Hail(0.88)
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Spink County

1 W Brentford	07	1806CST			0	0			Hail(0.75)
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Mcperson County

10 N Eureka	07	1818CST			0	0			Hail(0.75)
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Clark County

7 SSW Clark	07	1832CST			0	0			Hail(0.75)
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Brown County

1 E Bath	07	1915CST			0	0			Hail(1.00)
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Hamlin County

Castlewood	07	1924CST			0	0			Hail(0.75)
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Hamlin County

3 NE Thomas	07	1924CST			0	0			Hail(0.75)
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Hamlin County

7 W Estelline	07	1930CST			0	0			Hail(0.88)
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Storm Data and Unusual Weather Phenomena

May 2005

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
<u>SOUTH DAKOTA, Central and North</u>									
Hamlin County									
2 W Hazel	07	1935CST			0	0			Thunderstorm Wind (G56)
High winds downed a few trees west of Hazel and also blew the door off a building.									
Hamlin County									
Castlewood	07	1945CST			0	0			Hail(0.75)
Codington County									
Florence	07	1955CST			0	0			Thunderstorm Wind (G56)
Winds downed several trees and damaged a few buildings in Florence. Outside of Florence, a cow barn, a garage and many calf shelters were severely damaged.									
Marshall County									
10 E Kidder	07	2040CST			0	0			Hail(0.75)
Brown County									
9 W Aberdeen	08	1415CST			0	0			Hail(1.75)
Brown County									
10 W Westport	08	1415CST			0	0			Hail(0.88)
Edmunds County									
Mina	08	1418CST			0	0			Hail(1.00)
Mcpheerson County									
Leola	08	1420CST			0	0			Hail(0.75)
Spink County									
9 S Northville	08	1420CST			0	0			Hail(0.75)
Brown County									
12 SW Aberdeen	08	1440CST			0	0			Hail(0.75)
Brown County									
8 SW Westport	08	1507CST			0	0			Hail(1.00)
Brown County									
10 W Barnard	08	1510CST			0	0			Hail(1.00)
Brown County									
2 SW Warner	08	1510CST			0	0			Hail(0.75)
Brown County									
Warner	08	1513CST			0	0			Hail(0.88)
Mcpheerson County									
9 E Leola	08	1515CST			0	0			Hail(0.88)
Deuel County									
11 W Toronto	08	1522CST			0	0			Hail(0.88)
Brown County									
10 W Frederick	08	1526CST			0	0			Hail(0.88)
Brown County									
10 NW Frederick	08	1530CST			0	0			Hail(0.75)
Brown County									
Aberdeen	08	1534CST			0	0			Hail(1.00)
Codington County									
5 E Henry	08	1537CST			0	0			Hail(0.88)
Hamlin County									
5 E Castlewood	08	1539CST			0	0			Hail(0.75)
Deuel County									
3 NW Goodwin	08	1545CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>SOUTH DAKOTA, Central and North</u>									
Deuel County									
1 W Goodwin	08	1545CST			0	0			Hail(0.88)
Hamlin County									
5 W Estelline	08	1545CST			0	0			Hail(0.75)
Codington County									
Kranzburg	08	1550CST			0	0			Hail(1.00)
Hamlin County									
9 E Hayti	08	1554CST			0	0			Hail(0.75)
Hamlin County									
4 W Castlewood	08	1555CST			0	0			Hail(0.75)
Hamlin County									
Castlewood	08	1557CST			0	0			Hail(0.75)
Day County									
12 E Lily	08	1605CST			0	0			Hail(0.75)
Codington County									
5 SW Watertown	08	1607CST			0	0			Hail(1.75)
Brown County									
1 N Frederick	08	1614CST			0	0			Hail(1.00)
Day County									
7 N Webster	08	1615CST			0	0			Hail(1.50)
Brown County									
Columbia	08	1618CST			0	0			Hail(1.00)
Brown County									
2 E Frederick	08	1620CST			0	0			Hail(1.00)
Grant County									
6 W Marvin	08	1620CST			0	0			Hail(0.75)
Hamlin County									
4 W Thomas	08	1627CST			0	0			Hail(1.00)
Codington County									
7 N Watertown	08	1645CST			0	0			Hail(1.00)
Roberts County									
Sisseton	08	1647CST			0	0			Hail(1.00)
Roberts County									
Sisseton	08	1650CST			0	0			Hail(1.00)
Brown County									
7 E Columbia	08	1655CST			0	0			Hail(1.50)
Deuel County									
Astoria	08	1700CST			0	0			Hail(0.75)
Brown County									
2.2 SSE Claremont	08	1710CST			0	0			Hail(0.75)
Hamlin County									
Castlewood	08	1728CST			0	0			Hail(0.88)
Brown County									
5 S Frederick	08	1542CST 1543CST	0.1	25	0	0			Tornado (F0)
A tornado touched down briefly in a field 5 miles south of Frederick. No damage occurred.									
Codington County									
7 NE Watertown	08	1650CST			0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

May 2005

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, Central and North

SDZ045-048

Jones - Lyman

13 2300CST
14 0700CST

0 0

Flood

Runoff from heavy rain resulted in minor flooding along the White River from south of Belvidere to Oacoma, affecting mainly agricultural land along the river. The river rose over its banks and flooded U.S. Highway 83 south of Murdo for a short time. No property damage was reported.

Jones County

10 SSW Murdo

17 1657CST

0 0

Hail(0.75)

Jones County

15 SSE Draper

17 1732CST

0 0

Hail(0.75)

Jones County

15 SSE Draper

17 1732CST

0 0

Thunderstorm Wind (G52)

Stanley County

17 W Mission Ridge

17 1744CST

0 0

Hail(0.75)

Lyman County

1 S Lyman

17 1910CST

0 0

Thunderstorm Wind (G52)

Buffalo County

2 E Gann Vly

17 1945CST

0 0

Thunderstorm Wind (G52)

Hughes County

Harrold

17 1951CST

0 0

Hail(0.75)

Hand County

20 SE Miller

17 2001CST

0 0

Hail(0.88)

Faulk County

Onaka

20 2320CST

0 0

Hail(0.75)

Faulk County

6 NW Miranda

20 2325CST

0 0

Hail(0.75)

SOUTH DAKOTA, Southeast

Minnehaha County

3 N Humboldt

05 1750CST

0 0

Hail(0.75)

Turner County

3 E Viborg

06 1658CST
1703CST

0 0

Hail(0.75)

Large hail accumulated one to two inches.

Turner County

2 S Marion

06 2350CST

0 0

Hail(0.75)

Turner County

6 E Monroe

07 0020CST

0 0

Hail(0.75)

Minnehaha County

3 S Hartford

07 0030CST

0 0

Hail(0.75)

Minnehaha County

2 NW Colton

07 0031CST

0 0

Hail(0.88)

Moody County

7 SW Colman

07 0045CST

0 0

Hail(0.88)

Gregory County

Gregory

07 1702CST

0 0

Thunderstorm Wind (G52)

Thunderstorm winds blew down trees.

Brule County

5 E Kimball

07 1745CST

0 0

Thunderstorm Wind (G57)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>SOUTH DAKOTA, Southeast</u>									
Douglas County									
Armour	07	1754CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds blew part of the roof off a grain elevator and blew down several trees.									
Charles Mix County									
Wagner	07	1804CST			0	0			Hail(0.75)
Kingsbury County									
2 NW Bancroft	07	1815CST			0	0			Hail(0.75)
Davison County									
Mitchell	07	1822CST			0	0			Thunderstorm Wind (G54)
Thunderstorm winds blew down power lines and caused tree damage.									
Davison County									
4 NE Mitchell	07	1830CST			0	0			Thunderstorm Wind (G57)
Thunderstorm winds blew down trees.									
Jerauld County									
4 SW Wessington Spgs	07	1830CST			0	0	5K		Thunderstorm Wind (G61)
Thunderstorm winds blew the roof off an open livestock shed, and damaged a wall and the doors of a storage shed.									
Hanson County									
8 N Fulton	07	1834CST			0	0	5K		Thunderstorm Wind (G61)
Thunderstorm winds blew two sheds apart and moved a feeder 30 to 40 feet.									
Sanborn County									
10 S Artesian	07	1835CST			0	0			Thunderstorm Wind (G52)
Beadle County									
Huron	07	1835CST			0	0			Thunderstorm Wind (G63)
Thunderstorm winds blew down a large tree, broke off medium sized limbs from other trees, and blew down parts of wooden fences. The gust was recorded by equipment at a school.									
Kingsbury County									
Arlington	07	1840CST			0	0			Hail(0.88)
Hanson County									
10 N Alexandria	07	1845CST			0	0			Hail(0.88)
Kingsbury County									
3 E Badger	07	1848CST			0	0			Hail(0.88)
Kingsbury County									
4 W Oldham	07	1900CST			0	0			Thunderstorm Wind (G52)
Thunderstorm winds caused tree damage, including small branches blown down.									
Lake County									
Winfred	07	1900CST			0	0			Thunderstorm Wind (G52)
Thunderstorm winds caused tree damage, including 5 inch branches blown down.									
Miner County									
Canova	07	1900CST			0	0			Thunderstorm Wind (G52)
Thunderstorm winds caused tree damage, including several branches blown down.									
Kingsbury County									
7 N Iroquois	07	1910CST			0	0			Thunderstorm Wind (G65)
Brookings County									
12 SW Brookings	07	1915CST			0	0			Thunderstorm Wind (G52)
Yankton County									
1 E Yankton	07	1923CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds blew the roof off a mobile home, and blew a steel storage shed over three trailers.									

Storm Data and Unusual Weather Phenomena

May 2005

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, Southeast</u>									
Turner County									
9 S Dolton	07	1955CST			0	0			Thunderstorm Wind (G57)
Kingsbury County									
De Smet	07	2000CST			0	0	200K		Lightning
									Lightning struck a house, starting a fire which destroyed the house and its contents.
Clay County									
Vermillion	07	2145CST			0	0			Hail(1.00)
Brookings County									
Brookings	08	1455CST			0	0			Hail(0.88)
Brookings County									
Brookings	08	1500CST			0	0			Hail(0.88)
Lake County									
4 NE Ramona	08	1515CST			0	0			Hail(0.75)
Moody County									
3 NW Flandreau	08	1520CST			0	0			Hail(1.00)
Brookings County									
Bruce	08	1530CST			0	0			Hail(0.75)
Brookings County									
4 NE Bruce	08	1530CST			0	0			Hail(0.75)
Union County									
10 SE Alcester	08	1530CST			0	0			Hail(0.88)
Brookings County									
Brookings	08	1600CST			0	0			Hail(0.75)
Clay County									
1 N Vermillion	08	1615CST			0	0			Hail(0.75)
Moody County									
5 NW Ward	08	1625CST			0	0			Hail(0.75)
Lincoln County									
Canton	08	1710CST			0	0			Hail(1.25)
Moody County									
5 W Egan	08	1730CST			0	0			Hail(0.75)
Turner County									
Viborg	10	2020CST			0	0			Hail(1.00)
Turner County									
2 SW Viborg	10	2024CST			0	0			Hail(1.00)
Turner County									
Viborg	10	2024CST			0	0			Hail(1.00)
Turner County									
1 E Viborg	10	2030CST			0	0			Hail(0.88)
Clay County									
6 E Irene	10	2043CST			0	0			Hail(0.88)
Turner County									
Centerville	10	2051CST			0	0			Hail(0.88)
Clay County									
6 E Wakonda	10	2105CST			0	0			Hail(1.00)
Lincoln County									
5 N Beresford	10	2108CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>SOUTH DAKOTA, Southeast</u>									
Union County									
Alcester	10	2141CST			0	0			Hail(1.00)
Union County									
2 SE Alcester	10	2156CST			0	0			Hail(1.00)
Sanborn County									
10 SW Artesian	17	0445CST			0	0			Hail(1.00)
Gregory County									
10 S Gregory	17	1823CST			0	0			Hail(0.88)
Brule County									
16 S Chamberlain	17	1905CST			0	0			Thunderstorm Wind (G52)
Brule County									
7 NW Kimball	17	1920CST			0	0			Thunderstorm Wind (G52)
Turner County									
3 NE Davis	24	1608CST			0	0			Hail(0.75)
Clay County									
5 N Wakonda	24	1612CST			0	0			Hail(0.75)
Turner County									
1 N Irene	24	1617CST			0	0			Hail(1.00)
Lincoln County									
1 W Worthing	24	1623CST			0	0			Hail(0.75)
Lincoln County									
4 S Harrisburg	24	1645CST			0	0			Hail(0.75)
Clay County									
12 E Wakonda	24	1650CST			0	0			Hail(0.88)
Clay County									
Irene	26	1556CST			0	0			Hail(0.75)
Clay County									
Irene	26	1556CST			0	0			Thunderstorm Wind (G52)
Thunderstorm winds blew down tree limbs.									
Yankton County									
4 NW Irene	26	1600CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds caused tree damage, including several trees blown down.									
Turner County									
Centerville	26	1608CST			0	0			Thunderstorm Wind (G52)
Lincoln County									
2 NW Beresford	26	1615CST			0	0			Hail(0.88)
Union County									
Alcester	26	1630CST			0	0			Hail(0.75)
Clay County									
Vermillion	31	1605CST 1705CST			0	0			Flash Flood
Heavy rain caused significant street flooding. Several intersections were closed by water up to two feet deep.\									

SOUTH DAKOTA, West

Shannon County									
Porcupine	06	1540MST 1550MST			0	0	0	0	Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>SOUTH DAKOTA, West</u>									
Shannon County									
2 S Sharps Corner	06	1641MST			0	0	0	0	Hail(1.00)
Shannon County									
Sharps Corner	06	1645MST 1655MST			0	0	0	0	Hail(0.88)
Shannon County									
Sharps Corner	06	1705MST 1711MST			0	0	0	0	Hail(1.75)
A severe thunderstorm developed across southeast Shannon County and moved northward. The storm produced hail to the size of golf balls from Porcupine to Sharps Corner.									
Pennington County									
7 E Scenic	06	1605MST			0	0	0	0	Hail(0.88)
Shannon County									
12 N Oglala	06	1810MST 1825MST			0	0	0	0	Hail(1.75)
Shannon County									
15 W Rockyford	06	1900MST 1930MST			0	0	0	0	Hail(1.75)
Hail fell for 30 minutes.									
A supercell thunderstorm moved across western Shannon County, producing hail to the size of golf balls across northwestern parts of the county.									
Custer County									
6 W Buffalo Gap to 1 S Buffalo Gap	06 07	2115MST 0700MST			0	0	50K	0	Flash Flood
Fall River County									
6 NW Oral to 2 N Oral	06 07	2115MST 0700MST			0	0	0	0	Flash Flood
Five inches of rain fell in a one and a half hour period during the evening over Beaver Creek, just west of Buffalo Gap. The creek flooded Custer County highway 101 in several places and eroded the road near a large culvert, making it impassible to traffic. Water height was estimated at 8 feet from evidence on large cottonwood trees. The water continued downstream and caused flooding along other county roads. The stream gage on Beaver Creek southeast of Buffalo Gap registered a peak stage of 7.66 feet at 230 am MDT (flood stage is 6.0). Large amounts of small hail, piled up to 2 feet deep, also occurred with the storm, causing a van to slide off South Dakota highway 79 just south of the Custer-Fall River county line. The van slid into a ditch, which filled with water due to a culvert plugged with debris and hail. Only 3 inches of the top of the van remained above water, but none of the occupants were injured.									
Bennett County									
Martin	07	1212MST 1222MST			0	0	250K	100K	Hail(1.50)
Jackson County									
4 SW Longvalley	07	1240MST			0	0	10K	0	Hail(2.75)
Jackson County									
Longvalley	07	1247MST			0	0	50K	0	Hail(1.75)
Jackson County									
8 SW Belvidere	07	1310MST			0	0	0	0	Hail(0.75)
Jackson County									
12 NE Longvalley	07	1310MST			0	0	0	0	Hail(0.88)
Jackson County									
5 S Belvidere	07	1323MST			0	0	0	0	Hail(1.75)
Jackson County									
Belvidere	07	1325MST 1335MST			0	0	0	0	Hail(0.88)

A supercell thunderstorm tracked across Bennett County and eastern Jackson County, producing very large hail and causing extensive damage around Martin. Hail accumulated to 8 inches deep across parts of Martin. The combination of large hail and strong winds broke windows of homes, businesses, and automobiles in Martin. A tree snapped apart and damaged the roof of a house in Martin. A mobile home also had part of its roof ripped off. Four calves were killed and crop fields were damaged by the hail. Hail to

Storm Data and Unusual Weather Phenomena

May 2005

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, West

the size of baseballs fell near Long Valley as the storm moved northward.

Todd County

St Francis	07	1350MST			0	0	0	0	Hail(1.75)
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Todd County

Rosebud	07	1400MST			0	0	0	0	Hail(1.75)
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Mellette County

White River	07	1434MST			0	0	0	0	Hail(0.75)
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A severe thunderstorm moved across western Todd County and southern Mellette County. This storm produced up to golf ball sized hail at Saint Francis and Rosebud.

Pennington County

5 E Boxelder	07	1400MST			0	0	0	0	Hail(1.00)
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Tripp County

2 N Colome	07	1554MST			0	0	0	0	Thunderstorm Wind (G56)
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Perkins County

2 SE Zeona	07	1555MST			0	0	0	0	Hail(1.00)
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SDZ001>002-012-024>026-028>029-031-072>074 **Harding - Perkins - Butte - Northern Black Hills - Northern Foot Hills - Rapid City - Central Black Hills - Southern Black Hills - Pennington Co Plains - Sturgis / Piedmont Foothills - Southern Meade Co Plains - Hermosa Foothills**

	11	1300MST			0	0	500K	0	Winter Storm
	12	0700MST							

A strong late spring storm developed across the Central Rockies and moved across the Northern Plains. The storm brought abundant amounts of precipitation to the area. Rain changed to sleet and then eventually to snow across far western South Dakota during the afternoon and early evening hours as colder air moved in. Snowfall amounts were highest across the higher elevations of northwest South Dakota, the Black Hills, and northern and eastern Foothills, where 6 to 12 inches accumulated. The heavy wet snow downed many tree limbs across the area and caused some power outages.

SDZ046-049

Mellette - Tripp

	13	2200MST			0	0	0	0	Flood
	14	0600MST							

Runoff from recent heavy rains resulted in rises of the White River from south of Belvedere to Oacoma. The river rose over its banks north of White River, and flooded U.S. Highway 83. Some minor flooding of agricultural land also occurred along the river from south of Belvedere to Oacoma. No property damage was reported.

Bennett County

20 NE Martin	17	1400MST			0	0	0	0	Hail(1.00)
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Bennett County

19 NE Martin	17	1405MST			0	0	0	0	Hail(0.75)
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Jackson County

8 S Kadoka	17	1435MST			0	0	0	0	Hail(1.00)
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Haakon County

17 NNW Midland	17	1600MST			0	0	0	0	Hail(0.75)
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Todd County

St Francis	20	1620MST			0	0	0	0	Hail(0.75)
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Harding County

3 NW Ladner	20	1700MST			0	0	0	0	Hail(1.75)
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Harding County

5 W Ladner	20	1706MST 1728MST			0	0	0	0	Hail(0.75)
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Harding County

1 SE Ladner	20	1715MST			0	0	0	0	Hail(1.00)
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Harding County

3 SE Ludlow	20	1757MST 1805MST			0	0	0	0	Hail(0.88)
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A supercell thunderstorm developed across northeast Carter County in Montana and tracked across northern Harding County. Hail to the size of golf balls fell across the Ladner area. Funnel clouds were also seen near Ladner.

Storm Data and Unusual Weather Phenomena

May 2005

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, West

SDZ001>002

Harding - Perkins

21	1100MST 1400MST				0	0	0	0	High Wind (G41)
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A strong cold front moved across western South Dakota during the early morning hours. Northwest winds increased during the late morning and were strongest across northern portions of northwest South Dakota around midday. Sustained winds of 35 to 45 mph, with gusts near 55 mph, were recorded across Harding and Perkins Counties.

SDZ001

Harding

26	1249MST				0	0	0	0	High Wind (G52)
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Strong northwest winds developed across northwest South Dakota during the late morning and early afternoon hours. Winds were strongest near Buffalo, where a peak wind gust of 60 mph was recorded early in the afternoon.

Pennington County

5 NE Scenic

31	1850MST				0	0	0	0	Hail(0.75)
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TENNESSEE, Central

Macon County

3 N Lafayette

10	1455CST				0	0			Hail(0.75)
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Public report of penny size hail.

Smith County

North Central Portion

10	1607CST 1609CST				0	0			Hail(1.00)
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TV station WKRN reported hail the size of dimes to quarters from the Difficult/Pleasant Shade area to Defeated Creek. The hail was the size of quarters at the Difficult/Pleasant Shade area.

Smith County

6 NNE Carthage

10	1646CST				0	0			Hail(1.25)
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Law enforcement reported half-dollar size hail.

Dickson County

Vanleer

12	1630CST				0	0			Hail(0.75)
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Penny size hail reported by Spotter.

Dickson County

Cumberland Furnace

12	1637CST				0	0			Hail(0.75)
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Penny size hail reported.

Robertson County

Adams

12	1810CST				0	0			Hail(0.75)
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Penny size hail reported.

Pickett County

17.9 E Byrdstown

13	1600CST				0	0			Hail(0.75)
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Park Ranger reported penny size hail.

Pickett County

17.9 E Byrdstown

13	1600CST				0	0	5K		Thunderstorm Wind (G78)
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Park Ranger at Pickett State Park reported 300-400 oak trees blown down. A newspaper account reported one tree landed on and crushed a rental car of one of the park's guests. Several trees were blown across Highway 154 along a one mile stretch from the park entrance south. The falling trees took out 3 power poles along Highway 154 and a lengthy stretch of power lines which feeds the group camp and other park areas. Pickett State Park was closed for cleanup until May 25, in time for the Memorial Day weekend.

Fentress County

Jamestown

13	1700CST				0	0	10K		Thunderstorm Wind (G70)
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Law enforcement reported trees and power lines were down. Many trees were down on houses.

Williamson County

College Grove

14	1000CST				0	0			Thunderstorm Wind (G50)
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WKRN-TV channel 2 reported tree down at College Grove.

Rutherford County

Blackman

14	1029CST				0	0			Hail(0.75)
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Penny size hail reported.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TENNESSEE, Central</u>									
Rutherford County									
6 NNW Murfreesboro	14	1029CST			0	0			Thunderstorm Wind (G50)
Straight line winds blew a railroad crossing guard arm down in Florence. Also several large tree limbs were down.									
Putnam County									
Algood	14	1200CST			0	0			Thunderstorm Wind (G50)
Sheriff's office reported numerous branches down in Algood and in the western part of the county.									
Overton County									
Livingston	14	1210CST			0	0			Thunderstorm Wind (G50)
Power lines and tree limbs were down.									
White County									
Countywide	14	1250CST			0	0			Thunderstorm Wind (G50)
Trained Spotter at the White County Fire Department received reports of many trees down around the county.									
Davidson County									
7 N Nashville	14	1400CST			0	0			Thunderstorm Wind (G50)
Trees down in the Bellshire section of Davidson County.									
Davidson County									
Donelson	14	1405CST			0	0			Thunderstorm Wind (G50)
Trees and power lines were down.									
Montgomery County									
Clarksville	19	1240CST 1245CST			0	1	50K		Thunderstorm Wind (G60)
Roof was partially blown off an apartment building in the New Providence area of Clarksville. A large oak tree fell on a 108-year-old house on Old Russell Pike. A police officer received minor injuries when his patrol car was struck by a falling tree on Basham Lane.									
Montgomery County									
Clarksville	19	1252CST			0	0			Thunderstorm Wind (G50)
Trees and power lines were down. About 6000 customers were without power.									
Montgomery County									
3.5 NE Clarksville	19	1255CST			0	0			Hail(1.00)
Quarter size hail was reported at Dunbar Cave State Park.									
Dickson County									
Dickson	19	1430CST			0	0			Hail(1.00)
Quarter size hail was reported by the Sheriff's department.									
Hickman County									
Countywide	19	1445CST			0	0			Thunderstorm Wind (G50)
Trees were down around the county.									
Hickman County									
Lyles	19	1445CST			0	0			Thunderstorm Wind (G50)
TDOT reported several trees down.									
Cheatham County									
Kingston Spgs	19	1501CST			0	0			Thunderstorm Wind (G50)
Sheriff's office reported trees were down.									
Cheatham County									
3 E Kingston Spgs	19	1507CST			0	0			Thunderstorm Wind (G50)
A tree was down on U.S. Highway 70 east bound lane.									
Williamson County									
Fairview	19	1510CST			0	0			Thunderstorm Wind (G50)
Several trees were down on Pinewood Road.									
Williamson County									
Franklin	19	1530CST			0	0			Thunderstorm Wind (G50)
TDOT reported trees down just west of Franklin.									
Davidson County									
Nashville	19	1538CST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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

Spotter reported trees were blown down in Nashville.

Davidson County

Donelson	19	1540CST			0	0			Thunderstorm Wind (G60)
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NWS Trained Spotter estimated wind gusts to be 65 to 70 mph.

Davidson County

5.6 SSE Nashville	19	1540CST			0	0			Thunderstorm Wind (G50)
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Amateur radio report of large tree limbs down at I-65 and Harding Rd.

Williamson County

5 NE Franklin	19	1545CST			0	0			Thunderstorm Wind (G50)
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Spotter reported trees down on Cool Springs Road and Mallory Lane near Cool Springs Mall.

Rutherford County

1 W La Vergne	19	1550CST			0	0	5K		Thunderstorm Wind (G50)
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Tree was blown down and another tree fell down on a car.

Wilson County

Mt Juliet	19	1555CST			0	0			Thunderstorm Wind (G50)
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A lone tree fell on a mobile home at a trailer park off West Division St. Even though 3 people were inside the home, there were no injuries. Another tree was blown down on East Division St.

Wilson County

2 SW Mt Juliet	19	1600CST			0	1			Thunderstorm Wind (G50)
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Emergency Manager reported a sugar maple tree was down and fell on a truck at Central Pike and Adams Lane in Mt. Juliet. One person was injured.

Sumner County

6.5 NNE Hendersonville	19	1605CST			0	0			Thunderstorm Wind (G50)
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Tree was down at intersection of Long Hollow Pike and Latimer Rd.

Wilson County

Gladeville	19	1605CST			0	0			Thunderstorm Wind (G50)
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Downed power lines were reported at Saddle Brooke Farms off Burnt House Rd.

Wilson County

7 S Lebanon	19	1609CST			0	0			Thunderstorm Wind (G50)
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Trees and power lines were down in Cedars of Lebanon State Park.

Dekalb County

Alexandria	19	1646CST			0	0			Thunderstorm Wind (G50)
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Trees and power lines were down.

Macon County

West Portion	19	2155CST			0	0			Thunderstorm Wind (G50)
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Law enforcement reported trees down in the western part of the county.

Marshall County

.8 NE Lewisburg	20	0536CST			0	0			Thunderstorm Wind (G50)
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Sheriff's office reported a tree down on Old Farmington Rd.

TENNESSEE, East

TNZ100

Bradley	03	2000EST 2100EST			0	0	70K		Strong Wind
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Strong winds developed in Cleveland producing a mile and a half swath of damage beginning at Euclid Avenue and ending around Craigmiles Street. Utility lines were downed and a structure at the corner of Euclid and Ninth streets sustained major damage. Cinder blocks fell on vehicles at Bradley County Emergency Medical Service East damaging them.

Hamilton County

1 W Chattanooga	10	1540EST			0	0			Hail(1.00)
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Quarter sized hail was reported one mile west of Chattanooga.

Rhea County

Evensville	10	1700EST			0	0			Hail(0.88)
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Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TENNESSEE, East</u>									
Nickel sized hail was reported in the Evensville area.									
Rhea County									
Dayton	10	1700EST			0	0			Hail(0.88)
Nickel sized hail was reported in Dayton.									
Rhea County									
Dayton	10	1707EST			0	0			Hail(1.00)
Quarter sized hail was reported in Dayton.									
Rhea County									
Dayton	10	1709EST			0	0			Hail(1.00)
Quarter sized hail was reported in Dayton.									
Rhea County									
Dayton	10	1711EST			0	0	3K		Thunderstorm Wind (G55)
One tree was reported down in Dayton.									
Hamilton County									
6 S Birchwood	10	1735EST			0	0	10K		Thunderstorm Wind (G60)
Several trees were reported down along highway 58.									
Hamilton County									
Harrison	10	1820EST			0	0			Hail(1.75)
Golf ball sized hail was reported along highway 58 near Harrison.									
Hamilton County									
Ooltewah	10	1830EST			0	0			Hail(1.75)
Golf ball sized hail was reported in Ooltewah.									
Bradley County									
2 N Mc Donald	10	1835EST			0	0			Hail(0.75)
Penny sized hail fell on Interstate 75 two miles north of McDonald.									
Hamilton County									
East Brainerd	10	1900EST			0	0			Hail(0.88)
Nickel sized hail occurred at East Brainerd.									
Hawkins County									
Church Hill	13	1710EST			0	0			Hail(0.75)
Penny size hail was reported on highway 11W along the Hawkins and Sullivan county line.									
Sullivan County									
Kingsport	13	1710EST			0	0			Hail(0.75)
Penny sized hail was reported at Kingsport.									
Union County									
Maynardville	14	1445EST			0	0	15K		Thunderstorm Wind (G60)
Several trees were reported down across the county.									
Roane County									
Kingston	14	1525EST			0	2	3K		Thunderstorm Wind (G60)
A cedar tree injured a father and son in Kingston when it fell on them.									
Bradley County									
Cleveland	14	1525EST			0	0			Hail(0.75)
Dime to penny sized hail occurred at Cleveland High School.									
Loudon County									
Lenoir City	14	1530EST			0	0	20K		Thunderstorm Wind (G60)
Trees were reported down across the county.									
Roane County									
7 E Kingston	14	1530EST			0	0	20K		Thunderstorm Wind (G60)
Numerous trees were reported down along highway 70 from New Midway to Oral near the Loudon county line									
Polk County									
4 WNW Parksville	14	1540EST			0	0	5K		Thunderstorm Wind (G60)
One tree and some power lines were reported down in Ocoee.									

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TENNESSEE, East</u>									
Mcminn County									
Athens	14	1540EST			0	0	12K		Thunderstorm Wind (G60)
A few trees were reported down across the county.									
Polk County									
5 NE Reliance	14	1550EST			0	0	12K		Thunderstorm Wind (G60)
Two trees along with some power lines were reported down on Towee Mountain.									
Monroe County									
1 NE Sweetwater	14	1550EST			0	0	10K		Thunderstorm Wind (G55)
One tree and several power lines were reported down on Highway 11.									
Greene County									
Greeneville	14	1640EST 1715EST			0	0	20K		Thunderstorm Wind (G60)
Several trees and large limbs were downed and subsequently downed power lines across the southern portion of the county.									
Greene County									
9 S Greeneville	14	1650EST			0	0	3K		Thunderstorm Wind (G60)
One tree and several large limbs were reported down on highway 70.									
Greene County									
Greeneville	14	1715EST			0	0	25K		Thunderstorm Wind (G60)
Several trees and large limbs were downed along with several power lines across the eastern half of the county.									
Washington County									
Jonesboro	14	1733EST			0	0			Hail(0.75)
Penny sized hail was reported at Jonesboro.									
Unicoi County									
Erwin	14	1735EST			0	0	10K		Thunderstorm Wind (G60)
A few trees were reported down in the southern part of the county.									
Washington County									
Johnson City	14	1740EST			0	0	15K		Thunderstorm Wind (G60)
Several trees were reported down in Johnson City.									
Greene County									
5 SSE Baileyton	14	1750EST			0	0	3K		Thunderstorm Wind (G55)
One tree was reported down on Brittontown Road five miles south southeast of Baileyton.									
Sullivan County									
Piney Flats	14	1805EST			0	0	15K		Thunderstorm Wind (G60)
Several trees were reported down around the Piney Flats area.									
Carter County									
Elizabethton	14	1805EST			0	0	20K		Thunderstorm Wind (G60)
Numerous trees were reported down across the county.									
Johnson County									
Countywide to Mountain City	14	1820EST			0	0	25K		Thunderstorm Wind (G60)
Numerous trees and large limbs downed power lines across the county.									
Claiborne County									
1 SW Cumberland Gap	19 20	2305EST 2305EST			0	0	15K		Thunderstorm Wind (G60)
Several trees were reported down in the Tennessee portion of Cumberland Gap.									
Claiborne County									
Countywide	19	2330EST			0	0	20K		Thunderstorm Wind (G60)
Numerous trees downed across the county.									
Hancock County									
Sneedville	19	2350EST			0	0	25K		Thunderstorm Wind (G60)
Trees and power lines were reported down across the county.									
Union County									
8 WSW Maynardville	20	0000EST			0	0	12K		Thunderstorm Wind (G60)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TENNESSEE, East</u>									
Several trees were reported down on Highway 61 eight miles southwest of Maynardville.									
Union County									
7 SW Maynardville	20	0000EST			0	0	3K		Thunderstorm Wind (G60)
One tree was reported down on Moores Gap Road seven miles southwest of Maynardville.									
Grainger County									
Central Portion	20	0005EST			0	0	3K		Thunderstorm Wind (G60)
A tree was reported down on power lines west of Mooresburg.									
Union County									
6 NE Maynardville	20	0010EST			0	0	20K		Thunderstorm Wind (G60)
Several trees were reported down on Hogskin Road six miles northeast of Maynardville.									
Grainger County									
Countywide	20	0010EST			0	0	35K		Thunderstorm Wind (G65)
Several trees and power lines were reported down across the county.									
Hawkins County									
Countywide	20	0010EST			0	0	25K		Thunderstorm Wind (G60)
Trees were reported down across the county.									
Scott County									
Winfield	20	0020EST			0	0	6K		Thunderstorm Wind (G60)
Two trees were reported down in Winfield.									
Grainger County									
Rutledge	20	0045EST			0	0	20K		Thunderstorm Wind (G60)
Several trees were reported down in and around Rutledge.									
Knox County									
Knoxville	20	0055EST			0	0	8K		Thunderstorm Wind (G60)
A few trees were reported down in the Cherokee Trail area.									
Jefferson County									
Countywide	20	0100EST			0	0	25K		Thunderstorm Wind (G60)
Trees were reported down across the county.									
Sevier County									
Countywide	20	0115EST			0	0	30K		Thunderstorm Wind (G65)
Trees and power lines were reported down across the county.									
Knox County									
Knoxville	20	0120EST			0	0	20K		Thunderstorm Wind (G60)
Numerous trees were reported down across the western half of the county.									
Rhea County									
3 SE Spring City	20	0130EST			0	0	3K		Thunderstorm Wind (G60)
One tree was reported down three mile southeast of Spring City.									
Rhea County									
4 SSE Spring City	20	0130EST			0	0	3K		Thunderstorm Wind (G60)
One tree was reported down on South Wolf Creek Road.									
Roane County									
Countywide	20	0130EST			0	0	20K		Thunderstorm Wind (G60)
Numerous large limbs and a few trees were reported down on roads across the county.									
Loudon County									
Countywide	20	0130EST			0	0	30K		Thunderstorm Wind (G65)
Numerous trees and power lines were reported down across the county.									
Rhea County									
Spring City	20	0135EST			0	0	6K		Thunderstorm Wind (G60)
Two trees were reported down on power lines in Spring City.									
Meigs County									
Countywide	20	0140EST			0	0	25K		Thunderstorm Wind (G60)
Several trees and power lines were reported downed across the county.									

Storm Data and Unusual Weather Phenomena

May 2005

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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TENNESSEE, East

Mcminn County

Athens	20	0140EST			0	0	25K		Thunderstorm Wind (G60)
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Several trees and power lines were reported down across the county.

Mcminn County

Athens	20	0200EST			0	0	10K		Lightning
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Lightning struck a location on Old Niota Road and melted a natural gas service line.

Morgan County

Oakdale	20	1415EST			0	0			Hail(1.00)
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Quarter size hail was reported at Oakdale.

Roane County

Rockwood	20	1440EST			0	0			Hail(0.88)
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Nickel size hail was reported at Rockwood.

TENNESSEE, South Central

Lincoln County

Fayetteville	14	1145CST 1147CST			0	0			Thunderstorm Wind (G50)
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Two trees blown down by thunderstorm winds.

TENNESSEE, West

Hardin County

1 N Walnut Grove	19	1230CST 1235CST			0	0	0.01K		Hail(0.75)
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TEXAS, Central

Irion County

Mertzon	04	1925CST			0	0			Hail(0.88)
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Irion County

12 W Mertzon	07	2200CST			0	0			Hail(0.75)
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Irion County

Mertzon	07	2228CST			0	0			Hail(0.88)
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Tom Green County

10 N San Angelo	07	2250CST			0	0			Hail(0.75)
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Tom Green County

3 N San Angelo	07	2258CST			0	0			Hail(0.75)
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Kimble County

29 ESE Junction	08	0340CST			0	1	3K		Thunderstorm Wind (G52)
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Strong thunderstorm wind gusts overturned a travel trailer injuring one person inside.

A strong warm advection regime produced two thunderstorm complexes across west central Texas. One complex moved through the Concho Valley and the southern Big Country. There was some reports of marginally severe hail. The other thunderstorm complex moved through the Edwards Plateau in the the Hill Country. This complex produced a severe wind gust that overturned a travel trailer in eastern Kimble County.

Fisher County

Rotan	08	1300CST			0	0			Hail(0.75)
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Fisher County

6 NE Rotan	08	1338CST			0	0			Hail(1.50)
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Runnels County

5 SSE Ballinger	08	1345CST			0	0			Hail(1.75)
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Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, Central</u>									
Concho County 2 E Lowake	08	1355CST			0	0			Hail(1.00)
Runnels County 5 SSE Ballinger	08	1416CST			0	0	3K		Hail(1.75)
Golfball size hail fell off and on in the same location for 30 minutes.									
Jones County 8 SE Anson	08	1425CST 1435CST			0	0			Hail(1.00)
Hail was two inches deep.									
Concho County 3 NW Paint Rock	08	1431CST			0	0			Hail(0.75)
Concho County Paint Rock	08	1437CST 1438CST			0	0			Hail(0.75)
Concho County Paint Rock	08	1438CST 1442CST			0	0	5K		Hail(1.75)
As golfball Size hail fell in Paint Rock for the past four minutes, the hail damaged windows and roofs.									
Concho County Paint Rock	08	1442CST 1509CST			0	0	5K		Hail(1.50)
Large hail fell in Paint Rock for a little over 30 minutes, and caused considerable damage.									
Concho County Paint Rock	08	1509CST 1517CST			0	0	25K		Hail(1.75)
A nearly stationary thunderstorm continued to produce golfball size hail in Paint Rock, and caused damage to vehicles and homes.									
Throckmorton County 5 S Throckmorton	08	1509CST			0	0			Hail(0.88)
Brown County 1 S Bangs	08	1510CST			0	0			Hail(0.75)
Concho County 3 S Paint Rock	08	1520CST			0	0			Hail(1.75)
The supercell thunderstorm that had been over Paint Rock for the past several minutes started to move to the east southeast.									
Crockett County 24 ESE Ozona	08	1520CST			0	0			Hail(0.75)
Schleicher County 5 S Eldorado	08	1533CST			0	0			Hail(0.88)
Shackelford County 20 SW Albany	08	1535CST			0	0			Hail(1.00)
Brown County Brownwood	08	1541CST			0	0			Hail(1.00)
Schleicher County 8 S Eldorado	08	1545CST			0	0			Hail(1.00)
Concho County Millersview	08	1548CST			0	0			Hail(0.75)
Taylor County 4 NE Abilene	08	1600CST			0	0	7K		Hail(1.75)
Another storm just to the northeast of Abilene produced golfball size hail.									
Taylor County 13 WSW Abilene	08	1600CST			0	0	50K		Hail(2.50)
Tennis ball size hail caused damage to several vehicles and homes.									

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, Central</u>									
Taylor County									
Abilene	08	1607CST			0	0			Hail(1.00)
Callahan County									
3 NW Clyde	08	1610CST			0	0			Hail(0.88)
Concho County									
1 E Vick	08	1630CST			0	0			Hail(0.75)
Mcculloch County									
Pear Vly	08	1636CST			0	0			Hail(0.75)
Mcculloch County									
3 E Salt Gap	08	1636CST			0	0			Hail(0.75)
Taylor County									
2 W Buffalo Gap	08	1636CST			0	0			Hail(1.50)
Concho County									
9 E Eden	08	1638CST			0	0			Hail(2.00)
Mcculloch County									
1 E Melvin	08	1655CST			0	0			Hail(0.75)
Taylor County									
Ovalo	08	1700CST 1708CST			0	0			Hail(1.00)
Hail started to fall in Ovalo. The hail lasted for several minutes and produced considerable damage. The damage estimate will be shown at the time the maximum hail size occurred.									
Taylor County									
3 SW Tuscola	08	1700CST			0	0	25K		Hail(3.00)
The hail started to fall just to the southwest of Tuscola and eventually moved into Tuscola. At this point the storm damaged vehicles and roofs.									
Taylor County									
Ovalo	08	1705CST			0	0	25K		Hail(2.75)
Hail maxed out in Ovalo around golf ball size and the hail covered the ground.									
San Saba County									
Algerita	08	1715CST			0	0			Hail(0.88)
Mason County									
2 E Mason	08	1730CST			0	0			Hail(2.00)
This is the last report received in Mason County as the storm began to weaken. The storm moved southeast towards the Hill country.									
Mcculloch County									
4 W Brady	08	1730CST			0	0			Hail(0.75)
The supercell thunderstorm that formed in northern Concho County is now in central McCulloch County, just to the west of Brady. The storm moved to the south southeast and barely missed Brady.									
Mcculloch County									
7 WSW Brady to 7 W Brady	08	1734CST 1736CST			0	0			Hail(1.75)
The supercell thunderstorm ingested another smaller thunderstorm to the south of the main thunderstorm cell. This causes the storm to re-intensify.									
Callahan County									
Oplin	08	1743CST			0	0			Hail(1.75)
Mason County									
3 SW Katemcy	08	1800CST			0	0			Hail(1.00)
As the storm tracked across southwestern rural McCulloch County, the supercell storm crossed into northern Mason County just to the west of Katemcy.									
Mason County									
1 NE Mason	08	1823CST			0	0			Hail(4.25)
The largest hail stones were noted just to the northeast of Mason.									

Storm Data and Unusual Weather Phenomena

May 2005

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

TEXAS, Central

Mason County

Mason	08	1823CST 1830CST			0	0	100K	Hail(1.25)
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The supercell that developed in northern Concho County reached Mason. The storm produced hail across the northern half of the city, and the largest hail stones were noted just to the east of town. Mason was spared considerable damage with the main core of the storm passing within a mile or two of town.

The Mothers day severe thunderstorm episode was quite interesting. Early in the day a thunderstorm complex from the night before was just exiting the San Angelo forecast area, and we were trying to determine if the atmosphere would recover in time for another severe weather episode that afternoon. Shortly before noon another upper air disturbance moving out of New Mexico set the stage for moisture to move back into the area around the ongoing thunderstorm complex over central Texas. By around 1 PM. Thunderstorms began to develop on the radar and quickly went severe. While there were several severe thunderstorms that day across much of the area, two supercell thunderstorms were noted. One supercell thunderstorm developed in western Taylor County and moved across much of southern Taylor county. While this storm prompted a couple of tornado warnings, no tornadoes were reported. This storm did produce very large hail from Ovalo to Tuscola.

Another supercell thunderstorm developed over northern Concho County near Paint Rock. As this thunderstorm developed, it remained nearly stationary over the community of Paint Rock producing large hail for over a half hour. This storm then gradually moved to the southeast across eastern Concho County and western McCulloch County. The storm weakened a short time over western McCulloch county. However, another thunderstorm moved into this storm from the southwest and the supercell thunderstorm ingested the smaller thunderstorm and became a big monster storm once again over southern McCulloch and Mason Counties. During this phase of the thunderstorm, tornado warnings were issued. Once again no tornadoes were reported. The storm did produce very large hail, with the largest hail noted just to the east of Mason. The hail was softball size.

Mason County

13 SE Mason	09	1832CST			0	0		Hail(1.25)
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Mason County

Loyal Vly	09	1914CST			0	0		Hail(1.75)
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A thunderstorm back built into eastern Mason County, and pulsed up to severe a couple of times during the evening hours prior to sunset.

Haskell County

4 W Weinert	13	1842CST			0	0		Thunderstorm Wind (G50)
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Spotters reported a gustnado along the gust front in northern Haskell county.

Haskell County

Weinert	13	1855CST 1905CST			0	0		Hail(0.88)
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Haskell County

Weinert	13	1900CST			0	0		Hail(1.00)
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Throckmorton County

Throckmorton	13	2004CST 2010CST			0	0		Hail(0.75)
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Throckmorton County

Throckmorton	13	2008CST			0	0		Hail(1.00)
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Haskell County

Haskell	13	2022CST			0	0		Hail(0.88)
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Throckmorton County

Woodson	13	2025CST			0	0		Hail(1.00)
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Haskell County

7 SSE Haskell	13	2050CST			0	0		Hail(1.50)
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Haskell County

8 SSE Haskell	13	2100CST			0	0		Hail(1.00)
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Jones County

Stamford	13	2123CST			0	0		Hail(1.00)
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Jones County

8 NE Anson	13	2145CST			0	0		Hail(0.88)
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Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Central									
Jones County									
Central Portion	13	2155CST 2318CST			0	0			Flash Flood
Heavy rains caused a flash flood near Anson in central Jones County. Highway 6 was closed due to water flowing over the road.									
Nolan County									
5 W Nolan to 4 WSW Nolan	13	2218CST 2223CST	1.5	50	0	0	6K		Tornado (F0)
The tornado damaged weak structures such as sheds. A windmill was demolished and some trees were shredded.									
Nolan County									
Nolan	13	2223CST			0	0			Hail(1.00)
Runnels County									
Wingate	13	2228CST			0	0			Hail(1.00)
Jones County									
Hawley	13	2241CST			0	0			Hail(0.88)
Runnels County									
Wingate	13	2350CST			0	0			Hail(0.75)
Runnels County									
Pumphrey	13	2351CST			0	0			Hail(0.88)
Runnels County									
Winters	14	0030CST			0	0			Hail(0.75)
Coke County									
1 N Bronte	14	0031CST			0	0			Hail(0.75)
Runnels County									
Winters	14	0050CST 0055CST			0	0			Hail(1.00)
Nolan County									
Nolan	15	0955CST 1100CST			0	0			Flash Flood
Heavy rains flooded County road 126 near Nolan.									
Callahan County									
Eula	25	1935CST			0	0			Hail(0.75)
Taylor County									
3 SE Potosi	25	1954CST 1956CST			0	0	12K		Hail(2.50)
Large hail caused damage to vehicles and homes near Potosi.									
Taylor County									
Lawn	25	2015CST			0	0			Hail(0.88)
Coke County									
9 N Bronte	25	2035CST			0	0			Thunderstorm Wind (G52)
Coke County									
4 N Bronte	25	2040CST 2050CST			0	0			Hail(1.00)
Coke County									
4 N Bronte	25	2049CST			0	0	8K		Hail(1.75)
Vehicle damage due to hail.									
Jones County									
6 S Nugent	25	2117CST			0	0			Hail(1.00)
Coke County									
3 W Silver	25	2145CST			0	0			Hail(0.75)
Taylor County									
4 NE Abilene	25	2145CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, Central</u>									
Runnels County 5 E Miles	25	2211CST			0	0			Thunderstorm Wind (G50)
Nolan County Blackwell	25	2220CST			0	0			Hail(0.75)
Runnels County Ballinger	25	2230CST			0	0	15K		Lightning
		Lightning set a barn on fire.							
Taylor County 19 SW Abilene	25	2335CST			0	0			Hail(1.00)
Mcculloch County 5 S Brady	26	0000CST			0	0			Hail(0.75)
San Saba County Cherokee	28	2015CST			0	0			Thunderstorm Wind (G52)
Nolan County 12 SSW Roscoe	31	0830CST 0835CST			0	0			Hail(0.75)
Nolan County 4 W Maryneal	31	0854CST			0	0			Hail(1.00)
Coke County 3 NE Bronte	31	0948CST			0	0			Hail(0.75)
Runnels County Ballinger	31	1025CST 1030CST			0	0			Hail(1.25)
Sterling County 17 N Sterling City	31	1930CST			0	0			Hail(1.75)
Sterling County 13 NNE Sterling City to 13.8 ENE Sterling City	31	1935CST 1936CST	1	30	0	0			Tornado (F0)
		Tornado was seen from Coke County looking west with no damage noted.							
Sterling County 7 SE Sterling City to 8 SE Sterling City	31	1948CST 1952CST	1	30	0	0			Tornado (F0)
		An off duty NWS employee was able to capture this tornado on video using a zoom lens.							
Jones County Hamlin	31	2001CST 2005CST			0	0	20K		Hail(1.75)
Coke County Edith	31	2008CST			0	0			Hail(1.75)
Fisher County 11 SW Roby	31	2014CST			0	0			Hail(0.75)
Jones County Neinda	31	2015CST 2020CST			0	0	20K		Hail(1.75)
		Hail covered the ground.							
Haskell County Rochester	31	2019CST			0	0	9K		Thunderstorm Wind (G61)
Jones County 4 W Anson	31	2025CST			0	0	10K		Hail(2.50)
		The hail busted out car windows just to the west of Anson.							
Haskell County 10 N Rule	31	2032CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, Central</u>									
Fisher County 6 E Longworth	31	2049CST			0	0			Hail(0.88)
Jones County 5 W Hawley	31	2049CST			0	0			Hail(1.75)
Coke County 2 W Sanco	31	2050CST			0	0	8K		Hail(2.50) The hail damaged vehicles.
Throckmorton County 10 W Throckmorton	31	2050CST			0	0			Thunderstorm Wind (G61)
Jones County 4 E Noodle	31	2054CST 2100CST			0	0	15K	20K	Hail(2.75) The hail damaged roofs on homes and shredded wheat crops.
Coke County 8 WNW Robert Lee	31	2105CST 2110CST			0	0	5K		Hail(1.75)
Tom Green County 10 N San Angelo	31	2108CST			0	0			Thunderstorm Wind (G52)
Throckmorton County .5 N Throckmorton to 1 N Throckmorton	31	2110CST			0	0	30K		Thunderstorm Wind (G61) A mobile home was totaled when it was ripped by thunderstorm winds.
Tom Green County 3 N San Angelo	31	2113CST 2115CST			0	0			Hail(1.25) A supercell thunderstorm that started just to the north of Sterling County around 830 PM CDT moved to the southeast and was beginning to enter the northern portions of San Angelo.
Taylor County Tye	31	2119CST 2140CST			0	0			Hail(1.75) Hail from a supercell thunderstorm fell on the community of Tye for several minutes.
Coke County 6 W Robert Lee	31	2121CST			0	0	10K		Hail(2.50)
Coke County Robert Lee	31	2121CST			0	0			Hail(1.00) The third severe thunderstorm to affect Robert Lee this day dropped quarter size hail.
Tom Green County 2 NNE San Angelo to 2 E San Angelo	31	2123CST 2125CST			0	0	30K		Hail(2.75) Large hail up to baseball size cut a swath from the northeast sections of San Angelo to the east side of San Angelo. This hail was from the main supercell that barely missed the downtown area of San Angelo.
Taylor County Abilene	31	2124CST			0	0			Hail(1.00)
Tom Green County 1 SE San Angelo	31	2127CST 2128CST			0	0	10K		Hail(2.75) This is a continuation of the large hail swath from the super cell thunderstorm moving just to the east of San Angelo. These reports were from just north of the Goodfellow Airforce Base.
Taylor County 5 SW Abilene	31	2132CST			0	0			Hail(1.00) This a continuation of hail from the supercell thunderstorm just to the west of Abilene. The storm is had weakened at this time.
Taylor County Tye	31	2132CST			0	0	25K		Hail(2.50) The large hail at Tye maxed out in size at this time. Damage consisted mostly of dents on cars.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, Central</u>									
Tom Green County									
6 SE San Angelo to 8 SE San Angelo	31	2132CST 2137CST	2	.2	0	0	300K		Tornado (F1)
As the supercell thunderstorm started to move just to the east of San Angelo, it became better organized and was able to produce a tornado just off of loop 306 southeast of San Angelo. Two mobile homes were damaged, and two grain elevators received substantial damage.									
Tom Green County									
10 SE San Angelo to 12 SE San Angelo	31	2137CST 2142CST	2	.5	0	0	100K		Tornado (F1)
Just after the first tornado dissipated another tornado developed developed just to the south southeast of where the first tornado dissipated. Some damage was noted to homes, telephone poles and signs.									
Tom Green County									
3 NE Wall to 21.5 NE Wall	31	2141CST 2150CST			0	0	20K		Hail(2.75)
The hail shaft with the supercell thunderstorm was producing damaging hail near the Wall community.									
Nolan County									
Champion	31	2148CST			0	0			Hail(1.75)
Tom Green County									
5 SE San Angelo	31	2149CST			0	0			Hail(1.75)
Tom Green County									
20 SE San Angelo	31	2150CST 2300CST			0	0	30K		Hail(4.00)
Hail greater than golfball size and as large as Grapefruit fell on a ranch house for over an hour. Two different severe thunderstorm cores moved over the same location and caused the continuous hail. The ranch house received significant damage.									
Callahan County									
Clyde	31	2154CST			0	0			Thunderstorm Wind (G52)
Taylor County									
Abilene	31	2157CST 2257CST			0	0			Flash Flood
Significant street flooding was reported in Abilene.									
Tom Green County									
7 SE San Angelo	31	2157CST			0	0			Hail(0.75)
Tom Green County									
22 SE San Angelo to 23 SE San Angelo	31	2210CST 2216CST	1	.3	0	0	8K		Tornado (F0)
The supercell thunderstorm re-organized well to the southeast of San Angelo over rangeland in southern Tom Green County. After a probing investigation by Weather Service employees, a rancher reported another tornado track. Damage was limited to mostly vegetation.									
Runnels County									
3 E Hatchel	31	2215CST			0	0			Hail(0.75)
Tom Green County									
San Angelo Mathis Fl	31	2218CST 2225CST			0	0	8K		Hail(1.50)
Another severe thunderstorm developed over the southern portion of San Angelo in the wake of the super cell that moved through the area. This thunderstorm produced hail at the Weather Service Office for several minutes causing minor damage to vehicles.									
Tom Green County									
Christoval	31	2228CST			0	0			Hail(0.75)
Coke County									
Robert Lee	31	2230CST			0	0	30K		Hail(4.25)
The final severe thunderstorm for the evening developed just to the north of Robert Lee. This thunderstorm maxed out right over Robert Lee producing soft ball size hail and winds to 87 mph. This produced significant damage to vehicles and some houses.									
Coke County									
Robert Lee	31	2230CST			0	0			Hail(0.76)
A wind gust also occurred in conjunction with the soft ball size hail.									

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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

Coke County

Robert Lee	31	2230CST			0	0			Thunderstorm Wind (G76)
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Runnels County

5 E Ballinger	31	2230CST			0	0			Hail(1.75)
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Menard County

3 ENE Ft Mckavett to 3.2 ENE Ft Mckavett	31	2255CST 2257CST	0.5	25	0	0	10K		Tornado (F0)
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The supercell thunderstorm had now moved into northwestern Menard County. The storm produced its final known tornado just northeast of Fort McKavett at the Sol Mayer Boy Scout Camp. The tornado destroyed one out building and damaged the roofs on a couple of other buildings.

Tom Green County

2 N Orient	31	2255CST			0	0			Hail(0.88)
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Concho County

8 NE Millersview	31	2300CST			0	0			Hail(2.50)
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Runnels County

Miles	31	2300CST			0	0			Thunderstorm Wind (G61)
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Mcculloch County

1 NE Doole	31	2320CST			0	0			Hail(1.50)
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Menard County

7 N Ft Mckavett	31	2320CST			0	0			Hail(1.25)
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A severe weather episode broke out across much of west central Texas on the evening of the 31st when a strong upper level disturbance over New Mexico moved out across the south plains of Texas. Although numerous severe thunderstorms occurred, there were two long lasting supercell thunderstorms that moved across portions of West Central Texas. One storm developed over Mitchell County. The storm then split and the south moving storm moved across northeast Sterling County, western Coke County, eastern Tom Green County and into Menard County. This storm produced several tornadoes along its path along with numerous hail reports greater than golf ball size throughout its lifetime. Another supercell developed over Knox County then moved south across Haskell, Jones and Taylor counties before dissipating in central Taylor County. Although no tornadoes were reported with this storm, a few funnel clouds were spotted just to the north of Abilene and near Dyess Airforce Base. This storm also produced very large hail greater than golf balls along its entire path. A bow echo also moved across Haskell and Throckmorton Counties producing 60 to 70 mph winds. Also of note, the town of Robert Lee was struck three times by severe thunderstorms. The last severe thunderstorm produced softball size hail and winds to 87 mph. This severe weather episode also carried over into the first of June across the Northwest Hill Country.

TEXAS, Central Southeast

Wharton County

Countywide	08	1500CST 1600CST			0	0	200K		Thunderstorm Wind (G64)
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Trees down and roof damage across the county including El Campo and Wharton. Power lines were also downed in Wharton. Also, a barn, a hanger (including an airplane inside) and a storage building were destroyed.

Fort Bend County

7 W Sugarland	08	1544CST			0	0	12K		Thunderstorm Wind (G55)
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Trees and power lines down in Pecan Grove area.

Harris County

5 S Addicks	08	1610CST			0	0	5K		Hail(0.75)
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Penny size hail.

Harris County

5 S Addicks	08	1610CST			0	0	13K		Thunderstorm Wind (G52)
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Large tree branches down.

Fort Bend County

6 NW Sugarland	08	1612CST			0	0	5K		Thunderstorm Wind (G55)
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Utility pole blown down.

Fort Bend County

6 NW Sugarland	08	1615CST			0	0	7K		Hail(0.75)
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Storm Data and Unusual Weather Phenomena

May 2005

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, Central Southeast									
			3/4 inch hail in Pecan Grove area.						
Brazoria County									
Damon	08	1622CST			0	0	35K		Thunderstorm Wind (G58)
			Numerous trees and power lines blown down.						
Fort Bend County									
Needville	08	1622CST			0	0	5K		Thunderstorm Wind (G55)
			Power pole snapped.						
Brazoria County									
Countywide	08	1655CST 1738CST			0	0	87K		Thunderstorm Wind (G52)
			Trees down and roofs blown off mobile homes in Rosharon, Danbury and Liverpool. Also had a fence down in Pearland, and a metal shed and billboards down in Alvin.						
Galveston County									
Texas City	08	1655CST			0	0	16K		Hail(1.75)
Harris County									
Houston	08	1706CST			0	0	5K		Thunderstorm Wind (G51)
			Tree down in frontage road at the I-610 loop and Holly.						
Galveston County									
League City	08	1720CST			0	0	10K		Thunderstorm Wind (G53)
			Trees down.						
Galveston County									
Texas City	08	1720CST			0	0	15K		Hail(1.00)
			Quarter size hail.						
Galveston County									
Crystal Beach	08	1721CST			0	0	5K		Hail(0.75)
			3/4 inch hail.						
Galveston County									
Dickinson	08	1725CST			0	0	43K		Thunderstorm Wind (G52)
			Gas station canopy damaged and trees down.						
Galveston County									
Santa Fe	08	1725CST			0	0	11K		Thunderstorm Wind (G57)
			70 foot tall oak tree down.						
Galveston County									
Hitchcock	08	1729CST			0	0	5K		Hail(0.88)
Galveston County									
Texas City	08	1754CST			0	0	35K		Thunderstorm Wind (G61)
			Numerous trees down and a light pole down on a parked SUV.						
Galveston County									
Galveston	08	1800CST			0	1	175K		Thunderstorm Wind (G61)
			Building damage along the Port of Galveston, vehicle blown off the road and trees down. One house shifted about ten feet into another house next door dislodging it from its piers (both homes were Galveston 1900 Storm survivors).						
Houston County									
Weches	25	1705CST			0	0	8K		Thunderstorm Wind (G51)
			Tree down.						
Madison County									
Midway	28	1644CST 1646CST	0.2	30	0	0			Tornado (F0)
			Tornado at Highway 21 East or 10 miles east of I-45; no damage.						
Houston County									
3 SSE Austonia	28	1708CST 1712CST	0.5	35	0	0			Tornado (F0)
			Tornado a few miles north of the Eastham prison unit near FM 230; no damage.						

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, Central Southeast</u>									
Houston County									
Lovelady	28	1710CST			0	0	5K		Hail(0.88)
Walker County									
Riverside	28	1820CST			0	0	12K		Hail(1.75)
Colorado County									
3 E Eagle Lake	29	1513CST			0	0	8K		Hail(1.00)
									Quarter size hail on Highway 90.
Colorado County									
Rock Is	29	1520CST			0	0	10K		Hail(1.75)
									Hail at Rock Island.
Colorado County									
Columbus	29	1525CST			0	0	15K		Hail(1.75)
Colorado County									
7 W Columbus	29	1530CST			0	0	7K		Hail(1.00)
Colorado County									
Glidden	29	1545CST			0	0	12K		Hail(1.75)
									Golf ball size hail 5 miles west of Columbus.
Colorado County									
2 W Eagle Lake	29	1613CST			0	0	6K		Hail(1.00)
									Hail on Highway 90.
San Jacinto County									
8 SE Coldspring	29	1715CST			0	0	4K		Hail(0.88)
									Nickel size hail.
San Jacinto County									
5 NE Shepherd	29	1715CST			0	0	11K		Hail(1.75)
									Golf ball size hail on Highway 150 between Coldspring and Shepherd.
Liberty County									
Hardin	29	1729CST			0	0	10.5K		Hail(1.75)
									Golf ball size hail.
San Jacinto County									
Lake Livingston Dam	29	1736CST			0	0	15K		Hail(1.75)
									Golf ball size hail over Lake Livingston near the dam.
San Jacinto County									
2 N Coldspring	29	1738CST			0	0			Funnel Cloud
									Sighted off of FM 156.
Liberty County									
3 N Liberty	29	1748CST			0	0	12K		Hail(1.75)
									Golf ball size hail on FM 1011.
Polk County									
Livingston	29	1756CST			0	0	4K		Hail(0.88)
									Nickel size hail.
Harris County									
Houston	29	1830CST			0	1			Lightning
									15 year old male injured when lightning struck his home as he was talking on the phone.
Liberty County									
Dayton	29	1910CST 2145CST			0	0	40K		Flash Flood
									Highway 321 underpass flooded and closed with vehicles stranded in the area. Numerous streets and secondary roads flooded.
Matagorda County									
Bay City	29	2048CST			0	0	5K		Thunderstorm Wind (G59)

Storm Data and Unusual Weather Phenomena

May 2005

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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TEXAS, Central Southeast

Harris County

Aldine	29	2128CST 2301CST			0	0	10K		Flash Flood
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Flooding in the Aldine area.

Brazoria County

Pearland	29	2135CST			0	0	23K		Thunderstorm Wind (G58)
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Eight mobile homes damaged and pushed off their foundations. Five car windshields damaged. One large tree down.

Galveston County

Friendswood	29	2140CST			0	1	90K		Thunderstorm Wind (G54)
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Large cedar tree down on a home (one injury). Power pole down on FM 2351 with numerous tree limbs down in and around Clear Brook High School. The school had a tennis fence blown down. A nearby carport was damaged and a billboard sign was also blown down.

Galveston County

League City	29	2145CST			0	0	14K		Thunderstorm Wind (G52)
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Power lines down on FM 2094 east of Clear Creek High School.

Harris County

3 SW Bellaire	29	2145CST 2150CST	2	75	0	2	240K		Tornado (F1)
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Tornado traveled northeast from Fondren to Bellfort to Dunlap to North Braeswood. Damage included a building collapse at Larkwood and Fondren where a second floor fell into the first floor (two injuries). 78 units in 5 apartment complexes were damaged. Many vehicle windows were shattered in a parking lot at the Bankside Village Apartments. Trees were down at Hillcroft and Braeswood and at Braeswood and Dunlap.

Harris County

Houston	29	2145CST			0	0	200K		Lightning
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Lightning strike sparked a fire that destroyed a church sanctuary.

Harris County

Houston	29	2154CST			0	0	7K		Thunderstorm Wind (G53)
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Measured at the Johnson Space Center on a rooftop about 150 feet above the ground. Hilton Hotel sign damaged on NASA Road 1.

TEXAS, Extreme West

Hudspeth County

2 W Sierra Blanca	05	1645MST			0	0			Hail(1.00)
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TEXAS, Mid - South

Victoria County

Nursery	08	1440CST			0	0			Hail(1.00)
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Live Oak County

Three Rivers	08	1502CST			0	0			Hail(1.00)
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Victoria County

7 NE Nursery	08	1505CST			0	0			Hail(1.00)
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Live Oak County

Ray Pt	08	1520CST			0	0			Hail(1.00)
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Victoria County

Victoria	08	1524CST			0	0			Hail(1.00)
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Quarter-sized hail on north side of city.

Victoria County

6 N Victoria	08	1615CST			0	0			Hail(1.00)
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Minor hail damage reported to cars.

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TEXAS, Mid - South</u>									
Victoria County									
6 N Victoria	08	1615CST			0	0			Thunderstorm Wind (G52)
San Patricio County									
Mathis	08	1630CST			0	0			Hail(1.75)
			Penny-sized hail with a few golfball-sized hail reported.						
Live Oak County									
Lagarteo	08	1655CST			0	0			Hail(0.88)
			Penny to nickle-sized hail reported.						
Nueces County									
10 NW Corpus Christi	08	1702CST			0	0			Hail(1.25)
			Reported in Calallen, at Leopard and Callicoate.						
Jim Wells County									
Orange Grove	08	1715CST			0	0			Hail(1.75)
Jim Wells County									
Orange Grove	08	1715CST			0	0			Thunderstorm Wind (G52)
			Power lines and poles reported blown down.						
San Patricio County									
2 E San Patricio	08	1725CST			0	0			Hail(1.75)
Nueces County									
10 NW Corpus Christi	08	1745CST			0	0			Hail(1.75)
			Reported by public in Calallen.						
Nueces County									
10 NW Corpus Christi	08	1745CST			0	0			Thunderstorm Wind (G60)
Nueces County									
Robstown	08	1755CST 1800CST			0	0			Hail(1.00)
Aransas County									
5 W Rockport	08	1809CST			0	0			Hail(0.75)
Nueces County									
Crps Christi Intl Ar	08	1810CST 1820CST			0	0			Hail(1.50)
			Measured at NWS Corpus Christi Forecast Office.						
Nueces County									
Crps Christi Intl Ar	08	1812CST			0	0			Thunderstorm Wind (G52)
Nueces County									
Corpus Christi	08	1819CST			0	0			Hail(1.00)
			Reported at Ada Wilson Hospital at Staples and Carroll Lane.						
Nueces County									
Corpus Christi	08	1820CST			0	0			Hail(1.00)
			Reported NWS employee at Alameda and Airline.						
Aransas County									
Rockport	08	1825CST			0	0			Hail(0.75)
Aransas County									
Rockport	08	1825CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, Mid - South</u>									
Nueces County Corpus Christi	08	1825CST			0	0			Hail(0.88) Reported by NWS employee at Everhart and Saratoga.
Nueces County Corpus Christi	08	1825CST			0	0			Hail(1.00) Reported by NWS employee at Weber and Saratoga.
Nueces County Corpus Christi	08	1825CST 1830CST			0	0			Hail(1.75) Reported in South Corpus Christi at the Lakes Subdivision.
Nueces County Corpus Christi	08	1827CST			0	0			Hail(1.25) Reported by NWS employee near Staples and Holly.
Nueces County Corpus Christi	08	1828CST			0	0			Hail(1.00) Reported at Cimarron and Yorktown.
Nueces County Corpus Christi	08	1830CST			0	0			Hail(1.50) Reported by NWS employee at Airline and Saratoga.
Nueces County Corpus Christi	08	1830CST			0	0			Hail(1.75) Reported by NWS employee at Lipes and Staples.
Nueces County Corpus Christi	08	1835CST			0	0			Hail(1.00) Reported by NWS employee at Kings Crossing subdivision.
Nueces County Corpus Christi	08	1837CST			0	0			Hail(1.00) Reported at Flour Bluff Drive and SPID.
Nueces County Corpus Christi	08	1840CST			0	0			Hail(1.75) Reported at Everheart and Yorktown.

A complex of thunderstorms was located over Central Texas early Sunday morning as an upper level disturbance was moving northeast across this area. Outflow winds from this activity left a wind shift boundary across South-Central Texas along the Balcones Escarpment of the Hill Country around 12Z Sunday morning. This outflow boundary continued to slowly move southward into South Texas through the morning hours.

Another upper level disturbance was moving east across Northern Mexico and Southwest Texas during the morning hours. As this system approached South Texas, additional thunderstorms formed along the southward moving boundary. An extensive area of thunderstorms was located from Southeast Texas to near San Antonio by late morning.

The airmass over South Texas became strongly unstable (CAPE values from 2500-3000 J/kg) during the afternoon as temperatures rose into the upper 80s over the Coastal Bend to the upper 90s near the Rio Grande. Dewpoint temperatures were also high across the area with readings in the lower 70s along the coast to the upper 60s over the eastern portions of the Rio Grande Plains.

Storm Data and Unusual Weather Phenomena

May 2005

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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TEXAS, Mid - South

With the approach of the upper level disturbance, the shear became stronger over South Texas. The surface winds over the Coastal Bend were 25 to 30 mph from the east-southeast during the latter half of the afternoon. (0-6 km shear was 50-55 knots over the Coastal Bend and 0-1 km Storm Relative Helicity was 200-250 m2/s2). The atmospheric environment over South Texas was favorable for the development of supercells.

Scattered severe thunderstorms forming along the boundary moved into the Victoria Crossroads region during the middle afternoon hours between 330 and 530 PM. An intense thunderstorm developed on the southwest edge of the complex of thunderstorms over northern Live Oak County around 345 PM. This thunderstorm quickly became severe as it organized into a supercell just east of the community of Three Rivers. NWS Doppler radar in Corpus Christi showed the development of a hook echo with this thunderstorm around 4 PM. Hail up to the size of quarters along with a funnel cloud was reported with this storm as it moved east from Three Rivers to near Ray Point in east-central Live Oak County. The storm weakened by 5 PM as it moved into central and southern portions of Bee County.

Another severe thunderstorm quickly developed over southern Live Oak County, west of Lake Corpus Christi at 5 PM. The storm produced nickel to golf ball sized hail from Lagarto to Mathis between 530 and 600 PM. The NWS Doppler radar indicated the storm was developing a hook echo near Lagarto around 530 PM. This supercell thunderstorm continued to move to the east-southeast along the Nueces River into Nueces County and eventually the western and southern portions of the Corpus Christi metropolitan area. The storm moved into the southern sections Corpus Christi between 725 and 740 PM, where numerous hail reports were received ranging from quarter to golf ball size with the largest hail around 2 inches in diameter. The severe thunderstorm continued its trek to the east-southeast into extreme Northeast Kleberg County and the coastal waters offshore from the Padre Island National Seashore before finally dissipating around 9 PM.

Another severe thunderstorm developed to the north of this activity over Refugio County around 545 PM and moved southeast toward the coast around 715 PM.

The intense supercell thunderstorm, that formed west of Lake Corpus Christi and eventually moved into Corpus Christi, had the radar appearance of a storm capable of producing a tornado several times during its life cycle. However, outflow winds from the thunderstorm appeared to stay far enough ahead of the low level circulation to prevent tornadogenesis from occurring. Also, slightly more stable near-surface conditions (cooler temperatures) existed over the Coastal Bend behind the seabreeze boundary. This factor may also have precluded tornado development with this supercell.

Webb County

12 S (Lrd)Laredo Intl Ar	14	2025CST	0	0		Hail(1.75)
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County officials reported golf ball size hail in Rio Bravo.

Victoria County

7 E Victoria	16	1900CST	0	0		Lightning
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Lightning struck a tank battery near Ragsdale Road in eastern Victoria County. The tank was destroyed and flames were sent 100 feet into the air. The time of 1900 CST was roughly estimated from media reports.

Nueces County

5 E Bishop	29	1613CST	0	0		Hail(1.00)
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Quarter size hail reported by Skywarn spotter at Highway 70 and CR 75.

Kleberg County

Kingsville	29	1644CST	0	0		Hail(0.75)
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Bee County

Pettus	29	1730CST	0	0		Hail(1.75)
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Live Oak County

Clegg	29	1900CST	0	0		Hail(1.00)
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Nueces County

Corpus Christi	29	2045CST	0	0		Hail(1.00)
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Quarter size hail reported by NWS employee at Weber and Saratoga.

Nueces County

Corpus Christi	29	2052CST	0	0		Hail(0.75)
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Storm Data and Unusual Weather Phenomena

May 2005

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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TEXAS, Mid - South

Penny size hail reported by trained spotter at Texas A&M Corpus Christi.

Jim Wells County

Alice	29	2124CST			0	0	20K		Thunderstorm Wind (G56)
Wind gust to 64 mph measured by ALI ASOS. Several trees were uprooted across the city. The Alamo Lumber Co. in Alice suffered straight-line winds damage, which included a large shed being destroyed along with fence and lumber material being destroyed. Over 2000 Alice customers lost power during the storm.									

Nueces County

5 W Robstown	29	2153CST			0	0			Thunderstorm Wind (G50)
Telephone poles were blown down near CR 38 and CR 81.									

Kleberg County

2 S Kingsville	29	2155CST			0	0			Hail(1.75)
Golf ball size hail was reported by law enforcement at Highway 77 and FM 1717.									

The atmosphere across South Texas became quite unstable on Sunday the 29th. Precipitable water had increased to around 1.7 inches by Sunday morning (the 29th), providing ample fuel for convective development. The upper-level pattern consisted of a strong shortwave trough moving across northern Mexico with several weaker vorticity maxima embedded in the flow. There was also a 250 millibar jet streak approaching from the southwest with south Texas located somewhat favorably in the left exit region. Low-level wind shear was sufficient to develop and sustain supercells.

At 21Z on the 29th, SPC analysis plots showed MUCAPE values of around 5000 J/kg over the southern coastal bend. It was in this area where the first cells developed. An isolated shower over southwestern Nueces County quickly morphed into an HP supercell and produced very heavy rainfall and hail to the size of quarters over southern Nueces and northern Kleberg Counties. As the sea-breeze propagated to the west of the storms, the low-level wind backed more to the southeast, increasing the low-level wind shear even further. More storms began to develop to the north and west of the initial development as the main upper-level support began to affect the area and the sea-breeze moved farther inland. These storms quickly became severe and remained more scattered in nature for the next several hours, producing hail to the size of golf balls and very heavy rainfall in excess of 4 inches.

Later in the evening, several cells over the Rio Grande Plains merged together to form a quasi-linear convective system which began to bow out as it approached the city of Alice. The rear-inflow jet was translated to the surface and winds of 64 mph were recorded at the Alice ASOS and wind damage was reported across the city. This line continued to move to the east, producing wind damage from Odem, to Robstown, to Kingsville before finally affecting Corpus Christi and moving into the Gulf of Mexico.

TEXAS, North

Lampasas County

Lampasas	08	0529CST			0	0	1K		Thunderstorm Wind (G52)
Power lines knocked down.									

Coryell County

1 NE Gatesville	08	0538CST			0	0			Thunderstorm Wind (G52)
Several trees knocked down.									

Mclennan County

Waco	08	0600CST			0	0	10K		Thunderstorm Wind (G50)
Numerous power lines and trees blown down.									

Bell County

Temple	08	0615CST			0	0	75K		Thunderstorm Wind (G52)
Significant damage to homes reported, including roofs blown off. Trees and fences were blown down, as well as dozens of power lines in the city's northern historic district.									

Milam County

Rockdale	08	0627CST			0	0	3K		Thunderstorm Wind (G50)
Power lines knocked down.									

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, North</u>									
Falls County									
Marlin	08	0632CST			0	0			Thunderstorm Wind (G52)
			Large tree limbs broken off.						
Milam County									
4 NE Cameron	08	0636CST			0	0			Thunderstorm Wind (G50)
			Trees blown down.						
Limestone County									
Kosse	08	0656CST			0	0			Thunderstorm Wind (G52)
Robertson County									
Franklin	08	0705CST			0	0			Thunderstorm Wind (G52)
			Several trees blown down.						
Limestone County									
Mexia	08	0715CST			0	0	2K		Thunderstorm Wind (G52)
			Trees and power lines knocked down.						
Robertson County									
15 NE Franklin	08	0715CST			0	0			Thunderstorm Wind (G61)
			Large tree limbs broken off.						
Leon County									
4 N Centerville	08	0730CST			0	0	15K		Thunderstorm Wind (G52)
			Seventy foot tree blown down on top of house.						
Leon County									
Jewett	08	0732CST			0	0	3K		Thunderstorm Wind (G52)
			Power lines blown down.						
Freestone County									
Fairfield	08	0735CST			0	0	3K		Thunderstorm Wind (G52)
			Numerous trees and power lines knocked down.						
Freestone County									
Teague	08	0735CST			0	0	50K		Thunderstorm Wind (G52)
			Large trees fell on at least two porches, causing significant damage. A mobile home was blown across a street. Glass was blown out of a storefront on Highway 84. A large oak tree fell onto a mobile home, and a barn was also destroyed. Numerous trees and power lines were also knocked down throughout town.						
Leon County									
Buffalo	08	0738CST			0	0	3K		Thunderstorm Wind (G52)
			Power lines blown down.						
Anderson County									
3 W Palestine	08	0809CST			0	0			Thunderstorm Wind (G52)
			Three inch tree limbs broken off...relayed by sheriff's office.						
Anderson County									
Montalba	08	0812CST			0	0	1K		Thunderstorm Wind (G61)
			Silo overturned by high winds.						
Anderson County									
Countywide	08	0821CST			0	0	5K		Thunderstorm Wind (G52)
			Power lines and tree limbs blown down across the county.						
Anderson County									
Palestine	08	0830CST			0	0	10K		Thunderstorm Wind (G52)
			Damage to roofs, carports, and sheds occurred. Several large trees were uprooted and power lines were knocked down.						
Henderson County									
Eustace	08	0830CST			0	0	25K		Thunderstorm Wind (G61)
			A residential barn and all its contents were destroyed. The barn blew across Ranchette Road and downed several electrical lines. A tractor and other items in the barn were damaged. Trees were also uprooted.						
Young County									
3 SW Olney	08	1604CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, North</u>									
Jack County 6 S Jacksboro	08	1622CST			0	0			Hail(1.00)
Palo Pinto County 3 E Grafard	08	1638CST			0	0			Hail(1.00) Relayed by Parker county sheriff's office.
Jack County Perrin	08	1640CST			0	0			Hail(0.88)
Wise County Lake Bridgeport	08	1648CST			0	0			Hail(0.88)
Mills County 2 N Mullin	08	1706CST			0	0			Thunderstorm Wind (G52) Tree limbs broken.
Palo Pinto County 3 E Grafard	08	1709CST			0	0			Hail(1.00) Quarter size hail covering the ground.
Parker County 6 NW Weatherford	08	1738CST			0	0			Thunderstorm Wind (G52) 60 mph wind gust in Peaster.
Denton County Ponder	08	1824CST			0	0			Hail(0.88)
Coryell County 12 W Purmela	09	1655CST			0	0			Hail(1.75) Golf ball hail size covering the ground 1 mile southwest of Evant.
Coryell County 9 SW Purmela	09	1656CST			0	0			Hail(2.50) Hail the size of tennis balls fell 2 miles south of Evant.
Hamilton County Evant	09	1707CST			0	0			Hail(0.75)
Hamilton County 3 N Lanham	09	1804CST			0	0	3K		Thunderstorm Wind (G50) Power lines blown down.
Bosque County Meridian	09	1819CST			0	0			Hail(1.75) Golf ball size hail fell at Meridian State Park.
Bosque County Meridian	09	1822CST			0	0			Hail(2.75) Baseball size fell hail near Meridian State Park.
Bosque County Kopperl	09	1855CST			0	0			Hail(1.50)
Bosque County 5 N Kopperl	09	1905CST			0	0			Hail(1.75) Golf ball size hail fell along Highway 174.
Stephens County 1 N Crystal Falls	13	2049CST			0	0			Hail(1.00) 30 mph wind and hail ranging from pea to quarter size reported.
Young County 5 WSW South Bend	13	2107CST			0	0			Hail(1.75) Golf ball size hail fell.
Collin County Plano	25	1230CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TEXAS, North</u>									
Collin County									
Allen	25	1238CST			0	0			Thunderstorm Wind (G50) Large trees, metal signs, and fences knocked down.
Hunt County									
Caddo Mills	25	1340CST			0	0			Thunderstorm Wind (G50)
Rains County									
Emory	25	1345CST			0	0	3K		Thunderstorm Wind (G50) Power lines snapped in half.
Rains County									
20 SW Emory	25	1345CST			0	0			Thunderstorm Wind (G50) Large tree blown down across CR 1490.
Van Zandt County									
Wills Pt	25	1355CST			0	0	3K		Thunderstorm Wind (G50) Power lines blown down and signs blown off buildings.
Navarro County									
3 NW Eureka	25	1430CST			0	0	30K		Thunderstorm Wind (G61) A trailer home was completely destroyed and concrete-rooted support posts were pulled out of the ground and tossed by high winds. Numerous other trailer homes, sheds, awnings, chimneys, as well as a boat and a trampoline were damaged or destroyed by high wind. Most of the damage occurred near the intersection of FM 637 and FM 2859 between Mildred and Eureka.
Henderson County									
Athens	25	1437CST			0	0			Hail(0.75)
Navarro County									
Eureka	25	1445CST			0	0			Hail(0.75)
Navarro County									
Eureka	25	1445CST			0	0			Thunderstorm Wind (G50) Several trees blown down.
Anderson County									
Frankston	25	1500CST			0	0	30K		Thunderstorm Wind (G50) A large tree fell on a carport and damaged a car. Also, at least 5 power lines were knocked down.
Anderson County									
Palestine	25	1500CST			0	0	15K		Lightning A transformer was struck by lightning and caught on fire, causing power outages.
Anderson County									
Montalba	25	1511CST			0	0			Hail(1.00)
Anderson County									
Montalba	25	1515CST			0	0			Thunderstorm Wind (G50) Several trees blown down.
Parker County									
5 N Cool	25	1758CST			0	0			Hail(0.75)
Parker County									
15 NW Weatherford	25	1812CST			0	0			Hail(0.88) Nickel size hail reported in Poolville.
Palo Pinto County									
Salesville	25	1838CST			0	0			Hail(1.00)
Stephens County									
4 W Wayland	25	2025CST			0	0			Hail(1.00)
Bell County									
2 NW Nolanville	28	0630CST			0	0			Thunderstorm Wind (G50) Numerous portable buildings overturned on FM 439 and Quarry Road.
Leon County									
2 NE Jewett	28	1520CST			0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TEXAS, North</u>									
			Golf ball size hail fell.						
Robertson County									
7 NE Hearne	28	1527CST			0	0			Hail(1.00)
			Quarter size hail fell in Elliott.						
Anderson County									
Palestine	28	1622CST			0	0			Thunderstorm Wind (G52)
			Several trees blown down.						
McLennan County									
2 NE Mc Gregor	28	1812CST			0	0			Hail(1.00)
			Nickel to quarter size hail fell.						
Bell County									
Nolanville	28	2248CST			0	0	5K		Thunderstorm Wind (G50)
			Numerous power lines blown down across the city.						
Stephens County									
Breckenridge	31	2150CST			0	0			Thunderstorm Wind (G50)
<u>TEXAS, North Panhandle</u>									
TXZ006-011-013-016			Hartley - Oldham - Carson - Deaf Smith						
	01	2300CST			0	0			Heavy Snow
	02	1000CST							
			A surge of cold air pushed south across the Texas panhandle while a disturbance in the upper atmosphere approached from the southern Rockies. The combination of the cold air mass...moist upslope surface flow...and the upper disturbance produced heavy snowfall across the western and central Texas panhandle during the morning hours. Four inches of snow was reported at Vega...seven miles south of Adrian...and in Channing. Four to five and a half inches of snow was reported two miles northeast of Pantex.						
Donley County									
Clarendon	10	1424CST			0	0			Funnel Cloud
			A brief funnel cloud was reported from developing thunderstorm...however no wall cloud seen.						
Gray County									
5 W Alanreed	10	1608CST			0	0			Hail(1.75)
			Reported at a rest stop along Interstate 40.						
Potter County									
2 E Bushland	10	1645CST			0	0			Hail(1.00)
Carson County									
White Deer	10	1746CST 1751CST			0	0			Hail(0.75)
Carson County									
White Deer	10	1747CST			0	0			Hail(0.88)
Carson County									
Groom	10	1751CST			0	0			Thunderstorm Wind (G50)
			Wind speed measured at the SchoolNet site in Groom.						
Carson County									
6 NW Skellytown to 6 NE Skellytown	10	1810CST			0	0			Hail(1.75)
Ochiltree County									
21 S Perryton	10	1900CST			0	0			Hail(1.75)
TXZ016			Deaf Smith						
	10	1915CST			0	0			High Wind (G54)
			Hereford Fire Department reported non-thunderstorm high winds in Hereford.						
Ochiltree County									
20 SE Perryton	10	1918CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, North Panhandle</u>									
Lipscomb County									
8 S Booker	10	1920CST			0	0			Hail(1.75)
Reported from State Highway 23.									
Lipscomb County									
Booker	10	1933CST			0	0			Hail(0.75)
Randall County									
Canyon	10	1950CST			0	0			Hail(0.75)
Randall County									
Canyon	10	1950CST			0	0			Hail(0.75)
Randall County									
Canyon	10	1957CST			0	0			Hail(0.88)
Randall County									
9 S Amarillo	10	2000CST			0	0			Hail(0.75)
Randall County									
6 N Canyon	10	2004CST			0	0			Funnel Cloud
Randall County									
10 NE Canyon	10	2005CST			0	0			Hail(1.75)
Reported near Lake Tanglewood.									
Potter County									
5 W Amarillo	10	2010CST			0	0			Thunderstorm Wind (G54)
Reported at the SchoolNet site at the Discovery Center.									
Randall County									
7 NE Canyon	10	2017CST			0	0			Hail(0.75)
Potter County									
8 N Amarillo	10	2020CST			0	0			Hail(0.75)
Reported near River Road High School.									
Severe thunderstorms with large hail and high winds moved across much of the central and eastern Texas panhandle during the afternoon and evening hours.									
Hansford County									
Spearman	12	0930CST			0	0			Hail(1.00)
Armstrong County									
13 NE Wayside	12	1044CST			0	0			Hail(1.00)
Armstrong County									
Claude	12	1045CST			0	0			Hail(2.75)
Ochiltree County									
20 SE Perryton	12	1100CST			0	0			Hail(1.00)
Carson County									
6 E Conway	12	1110CST			0	0			Hail(1.75)
Gray County									
15 WSW Mc Lean	12	1128CST			0	0			Hail(0.75)
Reported at Lake McClellan.									
Carson County									
White Deer	12	1130CST			0	0			Hail(1.00)
Carson County									
White Deer	12	1131CST			0	0			Hail(0.75)
Lipscomb County									
6 N Lipscomb	12	1210CST			0	0			Hail(0.88)
Randall County									
7 S Umbarger	12	1641CST			0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, North Panhandle</u>									
Randall County Canyon	12	1705CST			0	0			Hail(0.88)
Randall County Canyon	12	1711CST			0	0			Hail(1.50)
Potter County 7 E Amarillo	12	1714CST			0	0			Hail(1.00)
									Reported at the National Weather Service Forecast Office.
Randall County Buffalo Lake	12	1719CST			0	0			Hail(1.75)
Randall County 11 SW Canyon	12	1723CST			0	0			Hail(1.75)
									Reported near Farm-to-Market Road 168 and Farm-to-Market Road 1714.
Randall County 1 W Canyon	12	1725CST			0	0			Hail(1.75)
Randall County Buffalo Lake	12	1728CST	0.1	25	0	0			Tornado (F0)
									The tornado remained over open country and the path length and path width were estimated.
Carson County Skellytown	12	1730CST			0	0			Hail(0.88)
Randall County 8 SW Amarillo	12	1742CST			0	0			Hail(1.25)
Randall County 2 SW Amarillo	12	1745CST 1815CST			0	0			Hail(0.88)
Randall County 8 SW Amarillo	12	1745CST			0	0			Hail(1.00)
Randall County Canyon	12	1745CST			0	0			Hail(1.00)
Randall County 5 SW Amarillo	12	1746CST			0	0			Hail(0.88)
Randall County 4.5 SW Amarillo	12	1747CST			0	0			Hail(0.88)
Randall County 6 SW Amarillo	12	1748CST			0	0			Hail(1.00)
Randall County 4 SW Amarillo	12	1749CST			0	0			Hail(1.75)
Randall County 6 SW Amarillo	12	1749CST			0	0			Hail(1.00)
Randall County 5 SSW Amarillo	12	1750CST			0	0			Hail(0.88)
Randall County 3 SW Amarillo	12	1750CST			0	0			Hail(1.00)
Randall County 3 SW Amarillo	12	1752CST			0	0			Hail(1.50)
Randall County 2 S Amarillo	12	1753CST			0	0			Hail(1.50)
Randall County 6 SW Amarillo	12	1753CST			0	0	23K		Hail(2.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TEXAS, North Panhandle</u>									
A few skylights in southwest Amarillo were broken due to the large hail.									
Potter County									
Amarillo	12	1755CST			0	0			Hail(0.75)
	Reported at the Civic Center in downtown Amarillo by an off duty Amarillo NWS Meteorologist								
Randall County									
2 S Amarillo	12	1755CST			0	0			Hail(1.75)
Randall County									
4 SW Amarillo	12	1756CST			0	0	46K		Hail(2.75)
	Some skylights broken and a few roofs damaged due to the large hail.								
Randall County									
2 S Amarillo	12	1756CST			0	0			Hail(1.50)
Potter County									
5 W Amarillo	12	1757CST			0	0			Hail(1.75)
Randall County									
2 S Amarillo	12	1757CST			0	0	28K		Hail(2.50)
	Some roofs and skylights damaged due to the large hail.								
Hutchinson County									
Borger	12	1800CST			0	0			Hail(0.88)
Hutchinson County									
Borger	12	1806CST			0	0			Hail(0.75)
Hutchinson County									
Borger	12	1809CST			0	0			Hail(1.00)
Potter County									
22 NE Amarillo	12	1828CST			0	0			Hail(0.75)
	Reported three miles north of the intersection of Farm-to-Market Road 1342 and Texas State Highway 136.								
Hutchinson County									
5 WSW Borger	12	1850CST			0	0			Hail(0.88)
	Reported between Borger and Fritch in the Meadowlark section.								
Donley County									
9 W Clarendon	12	1852CST			0	0			Hail(1.75)
Hutchinson County									
Borger	12	1854CST			0	0			Hail(0.75)
Armstrong County									
2 W Goodnight	12	2019CST			0	0			Hail(1.00)
	Severe thunderstorms developed mainly across the southern and central Texas panhandle during the afternoon and evening hours producing large and damaging hail and an isolated tornado. No damage or injuries were reported from the tornado...however roof and skylight damage occurred in the southwest sections of Amarillo due to the large hail								
Hemphill County									
Canadian	13	1831CST			0	0			Hail(0.88)
Hemphill County									
2 NW Canadian	13	1833CST			0	0			Hail(1.00)
Hemphill County									
6.5 NE Gageby	13	1855CST	0.3	25	0	0			Tornado (F0)
	The tornado remained over open country. The path length and path width were estimated. No damage or injuries were reported with this tornado.								
	Severe thunderstorms producing hail and a brief tornado moved across the northeast Texas panhandle during the evening hours. No damage or injuries were reported from the severe storms.								
Hartley County									
Hartley	22 23	2350CST 2350CST			0	0			Hail(1.00)
	An isolated severe thunderstorm over the northwest Texas panhandle during the late evening hours produced large hail.								

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, North Panhandle</u>									
Dallam County									
6 N Conlen	23	1910CST			0	0			Hail(0.88)
Hartley County									
Channing	23	1930CST			0	0			Hail(0.88)
Sherman County									
12 SE Stratford	23	1936CST			0	0			Hail(0.88)
Moore County									
Cactus	23	1941CST			0	0			Hail(0.88)
Moore County									
Four Way	23	2013CST			0	0			Thunderstorm Wind (G52)
									Severe thunderstorms containing large hail moved across the northwest and central Texas panhandle during the evening hours.
TXZ004>005									
Ochiltree - Lipscomb									
24	24	0100CST			0	0			High Wind (G52)
									Reported three miles northwest of Booker.
									An outflow boundary from strong to severe thunderstorms in Kansas produced high winds across the northeast Texas panhandle during the early morning hours.
Ochiltree County									
2 N Perryton	25	0105CST			0	0			Hail(1.00)
Ochiltree County									
Perryton	25	0105CST			0	0			Hail(0.75)
Lipscomb County									
Follett	25	0130CST			0	0			Thunderstorm Wind (G52)
									Severe thunderstorms with large hail and high winds moved across the northeast Texas panhandle during the early morning hours.
Moore County									
Dumas	27	1740CST			0	0			Hail(1.00)
Moore County									
Dumas	27	1744CST			0	0			Hail(0.75)
									Severe thunderstorms with large hail moved across the northwest Texas panhandle during the early evening hours.
Potter County									
4 NE Amarillo	31	1340CST			0	0			Hail(1.00)
Potter County									
2.5 E Amarillo	31	1345CST			0	0			Hail(1.00)
									Reported at Interstate 40 and Grand Street.
Randall County									
Umbarger	31	1345CST			0	0			Hail(1.00)
Deaf Smith County									
7 N Hereford	31	1348CST			0	0			Hail(1.00)
Potter County									
5 NE Amarillo	31	1351CST			0	0			Hail(1.75)
									Reported at Eastern Street and 3rd Avenue.
Deaf Smith County									
7 N Hereford	31	1353CST			0	0			Hail(2.00)
Randall County									
4 SE Amarillo	31	1405CST 1410CST	0.1	25	0	0			Tornado (F0)
									The tornado touched down in open country east of Lakeside Drive and south of Interstate 40. An official damage survey was attempted on the tornado...however no significant damage was observed. Therefore...the path length and path width were estimated.
Randall County									
8 SE Amarillo	31	1415CST			0	0	18K		Hail(1.75)
									Windows were reported to be broken out on the north side of four homes from the large hail.

Storm Data and Unusual Weather Phenomena

May 2005

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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TEXAS, North Panhandle

Potter County

4 ESE Amarillo to 6.5 E Amarillo	31	1430CST 1630CST			0	0			Flash Flood
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Eight inches of water reported over the road from Lakeside Drive through the on-ramp to Interstate 40 west with ten inches of water over the road at 34th Avenue and Bolton Street.

Deaf Smith County

Dawn	31	1435CST			0	0			Hail(1.00)
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Deaf Smith County

6 E Hereford	31	1437CST			0	0			Hail(2.75)
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Armstrong County

Washburn	31	1445CST			0	0			Hail(0.75)
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Randall County

15 S Umbarger	31	1521CST			0	0			Hail(2.00)
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Armstrong County

Wayside	31	1559CST 1602CST			0	0			Thunderstorm Wind (G52)
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Tree limbs reported blown down.

Carson County

1 WSW White Deer	31	1725CST			0	0			Thunderstorm Wind (G52)
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Tree limbs reported blown down.

Severe thunderstorms tracked across the southwest and south-central Texas panhandle during the afternoon and early evening hours producing large hail...damaging winds...and an isolated tornado. The only damage reported from the severe weather was broken windows of homes due to wind blown large hail southeast of the city of Amarillo. No injuries were reported.

TEXAS, Northeast

Cherokee County

Rusk	08	0855CST			0	0			Thunderstorm Wind (G58)
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Several trees down on FM 768...FM 2267 and FM 2112.

Wood County

Alba	25	1410CST			0	0			Thunderstorm Wind (G52)
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Deputies measured wind gusts to 60 mph.

Smith County

4 S Lindale	25	1424CST			0	0			Thunderstorm Wind (G55)
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Trees downed on power lines.

Smith County

10 SW Tyler	25	1505CST			0	0			Thunderstorm Wind (G62)
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Measured wind gust in the town of Flint.

Cherokee County

5 N Jacksonville	25	1515CST			0	0			Thunderstorm Wind (G58)
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Several trees down on Fm 747. Trees were downed across several other locations across the county.

Cherokee County

7 SW Jacksonville	25	1518CST			0	0			Hail(0.75)
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Hail fell in the town of Ironton.

Angelina County

14 S Huntington to 5 SW Zavalla	28	1910CST 1925CST	4	30	0	0			Tornado (F0)
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NWS Survey concluded that the path was intermittent and consisted of downed trees or trees snapped off from 14 miles south of Huntington to 5 miles southwest of Zavalla. There was no damage to structures or buildings near the path.

TEXAS, South

Storm Data and Unusual Weather Phenomena

May 2005

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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TEXAS, South

TEXAS, South Central

Val Verde County

**Langtry to
Juno**

**08 0230CST
0400CST**

0 0

Flash Flood

Thunderstorms developing just before midnight produced widespread 1 inch rain totals between Langtry and Juno in the north central part of Val Verde County. Highest totals were between 2 and 3 inches between the two towns. FM1024 was closed due to flash flooding approximately 25 miles southeast of Pandale. SH163 was closed near Juno

Kerr County

8 N Mountain Home

**08 0408CST
0415CST**

0 0

Thunderstorm Wind (G70)

Severe thunderstorm winds blew down trees north of Mountain Home.

Gillespie County

6 N Fredericksburg

**08 0430CST
0440CST**

0 0

Hail(0.75)

Gillespie County

Countywide

**08 0530CST
0900CST**

0 0

Flash Flood

Widespread thunderstorms produced a general rainfall of between 1 and 2 inches over most of Gillespie County. Highest totals were near 4 inches between Fredericksburg and Willow City. Flash flooding closed SH16 just northeast of Fredericksburg. SH965 was also closed just north of Fredericksburg. FM1323 was also closed at Willow City

Llano County

**Llano to
Kingsland**

**08 0600CST
0900CST**

0 0

Flash Flood

The storms in Gillespie County spread northward into eastern Llano County, producing between 1 and 2 inches of rain between Llano and Kingsland. Highest totals were near 3 inches about 10 miles southeast of Llano. Flash flooding was reported along SH721 southeast of Llano and FM1431 was closed north of Kingsland.

Bandera County

Countywide

**08 0930CST
1300CST**

0 0

Flash Flood

Thunderstorms from Bandera to Medina to Tarpley to Vanderpool dropped general 1 inch rainfall during the morning. Isolated locations between the four towns reported up to 3 inches of rain. FM337 was closed west of Medina and FM470 was closed both to the east and the west of Tarpley. FM187 was closed south of Vanderpool.

Kendall County

**Comfort to
Sisterdale**

**08 1000CST
1300CST**

0 0

Flash Flood

Between 1 and 2 inches of rain fell between Comfort and Sisterdale, with up to 4 inch totals just south of Comfort. FM473 was closed due to flash flooding east of Comfort. FM1376 was closed south of Sisterdale.

Uvalde County

**Concan to
Utopia**

**08 1030CST
1300CST**

0 0

Flash Flood

Thunderstorms dropped from 1 to 2 inches or rain across the area from Concan to Utopia in the late morning. Flash flooding closed FM187 closed south Utopia and FM1050 between Concan and Utopia. Flash flooding was also reported through Garner Park.

Kendall County

6 N Boerne

**08 1040CST
1050CST**

0 0

Hail(0.75)

De Witt County

**Cuero to
Hockheim**

**08 1305CST
1500CST**

0 0

Flash Flood

From 1 to 2 inches of rain fell across the area from Cuero to Yoakum, with as much as 7 inches southeast of Hocheim. SH183 was closed near Hocheim, with SH119 closed near New Davy and FM1446 closed at Cuero.

Gonzales County

South Portion

**08 1330CST
1500CST**

0 0

Flash Flood

Thunderstorms produced between 1 and 2 inches of rain over southern Gonzales County. Highest totals were near 5 inches just southeast of Gonzales. SH183 was closed south of Gonzales with FM108 closed from Wrightsboro to Smiley.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, South Central</u>									
De Witt County									
15 NE Cuero	08	1358CST			0	0			Hail(1.00)
Lee County									
Fedor to Lexington	08	1400CST 1600CST			0	0			Flash Flood
A general inch of rain fell between Fedor and Lexington, with up to 6 inches in isolated spots between the two towns. Flash flooding closed FM112, FM696, and FM1624 near Lexington									
Lavaca County									
Moulton to Shiner	08	1430CST 1700CST			0	0			Flash Flood
Thunderstorms produced between 1 and 2 inches of rain between Moulton and Shiner, with up to 5 inches in the area around Moulton. SH95 was closed between Moulton and Shiner and FM1444 was flooded near Yorktown.									
Gillespie County									
7 NNW Fredericksburg to 2 W Fredericksburg	08	1940CST 2000CST			0	0			Hail(0.88)
Gillespie County									
5 SSE Fredericksburg to 5 SE Fredericksburg	08	1955CST 2005CST			0	0			Hail(1.25)
Llano County									
9 W Llano to 5 W Llano	09	1540CST 1550CST			0	0			Hail(4.25)
Llano County									
5 W Llano	09	1620CST 1630CST			0	0			Hail(1.75)
Llano County									
Castell to Llano	09	1730CST 2000CST			0	0			Flash Flood
Between 1 and 2 inches of rain generally fell between Castell and Llano, with highest totals near 3 inches 5 miles southwest of Llano. CR152 was flooded at its intersection with SH29. CR2323 was closed southwest of Llano.									
Gillespie County									
5 N Willow City	09	1755CST 1805CST			0	0			Hail(1.50)
Gillespie County									
Willow City	09	1830CST 1845CST			0	0			Hail(1.00)
Real County									
14 W Leakey to 12 W Leakey	14	1524CST 1540CST			0	0			Hail(1.00)
Real County									
West Portion	14	1630CST 1900CST			0	0			Flash Flood
Thunderstorms from central Edwards County to the Real-Edwards County line produced a general rainfall of 1 to 2 inches, with up to 4 inches along the county line from 10 miles north of Barksdale to Camp Wood. FM335 was closed in several locations along the county line and FM337 was closed near Camp Wood.									
Edwards County									
Southeast Portion	14	1700CST 1900CST			0	0			Flash Flood
Thunderstorms from central Edwards County to the Real-Edwards County line produced a general rainfall of 1 to 2 inches, with up to 4 inches along the county line from 10 miles north of Barksdale to Camp Wood. SH55 was closed between Rocksprings and Barksdale. FM335 was closed in several locations along the county line and FM337 was closed near Camp Wood.									
Val Verde County									
Del Rio	15	1300CST 1530CST			0	0			Flash Flood
Between 1 and 2 inches of rain fell in Del Rio, causing brief flash flooding that closed several low water crossings. Cisneros and Academy Streets, among several others, were closed.									

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, South Central</u>									
Edwards County									
20 SW Rocks Spgs to 5 SW Rocks Spgs	15	1400CST 1600CST			0	0			Flash Flood
Up to 3 inches of rain fell in southwestern Edwards County, causing flash flooding across SH674 southwest of Rocksprings.									
Maverick County									
Quemado to Normandy	15	1530CST 1730CST			0	0			Flash Flood
Up to 3 inches of rain fell in the mid afternoon in the area around Quemado and Normandy. Flash flooding closed FM1908 northeast of Quemado and SH131 east of Normandy.									
Frio County									
North Portion	15	1600CST 1800CST			0	0			Flash Flood
A general 1 inch rain fell across the northern half of Frio County, with up to 4 inches south of Big Foot. Both FM140 and FM472 were closed near where they intersect. FM462 and FM2779 were also closed northeast of Pearsall.									
Zavala County									
East Portion	15	1600CST 1800CST			0	0			Flash Flood
Up to 3 inches of rain fell in the Batesville area during the mid afternoon. FM117 and FM1025 were closed south of Batesville, with FM187 closed northeast of Batesville.									
Atascosa County									
Jourdanton to Charlotte	15	1830CST 2000CST			0	0			Flash Flood
A general 1 to 2 inch rain fell between Jourdanton and Charlotte, with the highest totals near 4 inches just southeast of Jourdanton. SH16 and SH97 were closed due to flash flooding near Jourdanton. FM140 was closed southeast of Charlotte.									
Bexar County									
(Ssf)Stinson Fld San	26	1430CST 1700CST			0	0			Flash Flood
A general rainfall of 1 inch around Stinson Airport, with up to 4 inches in spots, caused flash flooding through the late afternoon that closed Spur 536 and Spur 122.									
Val Verde County									
Juno to Langtry	28	0200CST 0400CST			0	0			Flash Flood
Storms dropped a general 1 to 2 in rain between Juno and Langtry, with up to 3 inches in places. SH163 was closed due to flash flooding near Juno and FM1024 was closed between Juno and Langtry									
Bandera County									
5 N Vanderpool to 8 S Vanderpool	28	2050CST 2120CST			0	0			Thunderstorm Wind (G70)
The Sheriff's Department reported large trees blown down both to the north and south of Vanderpool.									
Kendall County									
2 N Sisterdale	28	2230CST 2240CST			0	0			Hail(0.75)
Kerr County									
Ingram	29	1515CST 1525CST			0	0			Hail(0.88)
De Witt County									
Yorktown	29	1630CST 1640CST			0	0			Thunderstorm Wind (G60)
The Sheriff's Department reported that severe thunderstorms had blown down trees near Yorktown.									
Lavaca County									
8 N Hallettsville	29	1645CST 1655CST			0	0			Hail(0.75)
Karnes County									
Runge to Karnes City	29	1850CST 1900CST			0	0			Hail(0.75)
De Witt County									
Thomaston to 10 NE Thomaston	29	1900CST 2100CST			0	0			Flash Flood

Storm Data and Unusual Weather Phenomena

May 2005

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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TEXAS, South Central

A general 1 inch rain fell from Thomaston northeastward, with up to 3 inches in places. Flash flooding closed CR104 and CR114 northeast of Thomaston.

Lavaca County

Moravia to
10 E Moravia

29	1900CST 2100CST				0	0			Flash Flood
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In extreme northern Lavaca County, thunderstorms produced up to 4 inches of rain between Moravia and Hackberry. The resulting flash flooding closed FM957 near Moravia and FM532 near Hackberry.

Travis County

5 SSW Austin

29	1940CST 1950CST				0	0			Hail(1.75)
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Hail was reported at Slaughter Lane and Manchaca Road.

Travis County

5 S Austin

29	2002CST 2010CST				0	0			Hail(1.00)
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Hail was reported at Brodie Lane and William Cannon.

Travis County

8 SSW Austin

29	2009CST 2020CST				0	0			Hail(1.75)
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Hail was reported at FM1626 and Manchaca Road.

Travis County

8 SSW Austin

29	2025CST 2035CST				0	0			Thunderstorm Wind (G70)
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High winds blew down trees near FM1626 and Manchaca Road

Hays County

7 NNE Wimberley

29	2026CST 2035CST				0	0			Hail(1.75)
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Hays County

Buda to
5 E Buda

29 30	2200CST 0100CST				0	0			Flash Flood
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Thunderstorms produced a general 1 to 2 inch rain between Buda, in Hays County, and Creedmoor, in southeast Travis County. Highest rainfall amounts were near 4 inches. Flash flooding closed FM2001 near Buda and FM 1327 between Creedmoor and IH-35.

Travis County

5 W Creedmoor to
Creedmoor

29 30	2200CST 0030CST				0	0			Flash Flood
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Thunderstorms produced a general 1 to 2 inch rain between Buda, in Hays County, and Creedmoor, in southeast Travis County. Highest rainfall amounts were near 4 inches. Flash flooding closed FM2001 near Buda and FM 1327 between Creedmoor and IH-35.

TEXAS, South Panhandle

TEXAS, Southeast

Tyler County

2 NW Chester

25	1730CST				0	0			Hail(0.88)
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Hardin County

Lumberton

25	1828CST				0	0	2K		Thunderstorm Wind (G50)
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Trees were blown down on power lines.

Jasper County

1 N Kirbyville

25	1848CST				0	0	2K		Thunderstorm Wind (G50)
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Trees were blown down.

Newton County

3 SW Bleakwood

25	1848CST				0	0	2K		Thunderstorm Wind (G50)
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Storm Data and Unusual Weather Phenomena

May 2005

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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TEXAS, Southeast

Trees were blown down.

Hardin County

Sour Lake	29	1910CST			0	0			Hail(0.88)
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Jefferson County

Beaumont	29	1945CST			0	0	25K		Thunderstorm Wind (G50)
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Numerous trees and power lines were down throughout the city. Over 11,000 customers lost power.

Hardin County

1 S Lumberton	29	1950CST			0	0	2K		Thunderstorm Wind (G50)
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Several trees were blown down.

Hardin County

1 S Lumberton	29	1950CST			0	0			Hail(0.75)
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Orange County

Vidor	29	2010CST			0	0			Hail(1.75)
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Orange County

Vidor	29	2010CST			0	0	25K		Thunderstorm Wind (G50)
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Several trees were blown down, damaging some homes on the north side of town.

Orange County

Vidor	29	2133CST			0	0			Hail(2.75)
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Reports of windows being damaged by baseball-sized hail.

TEXAS, West

Culberson County

4 S Van Horn	05	1930CST 1945CST			0	0	0	0	Hail(0.75)
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Strong to severe convection developed along the higher terrain of far west Texas and extreme northern Mexico during the afternoon of the 5th. An isolated supercell thunderstorm tracked east across southern Culberson County during the evening hours. Large hail accumulated along U.S. Highway 90 south of Van Horn. The Texas Department of Transportation reported hail remained and continued to cover grassy areas at 08:00 CST on the morning of the 6th, some twelve hours after the storm.

Reagan County

1 E Big Lake	07	2115CST 2120CST			0	0	0	0	Hail(0.75)
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Scattered convection developed over the Trans Pecos region and propagated northeast over the southeastern Permian Basin of west Texas on the evening of the 7th. An isolated storm became severe during the late evening hours and produced penny size hail just east of Big Lake.

Ward County

8 S Monahans	10	1624CST			0	0	0	0	Hail(0.88)
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Nickel size hail was reported at the intersection of Farm to Market Road 1776 and Texas Highway 18.

Gaines County

22 WNW Seminole	10	1720CST			0	0	10K	0	Thunderstorm Wind (G57)
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Emergency management officials in Gaines County reported that several power lines and trees were blown down by severe thunderstorm winds at the intersection of County Road 210 and Farm to Market Road 3306 in northwestern Gaines County. The winds were associated with a severe left moving supercell that resulted in extensive hail and wind damage near Hobbs, New Mexico prior to moving over parts of Gaines County.

Severe thunderstorms erupted along a dryline during the late afternoon of the 10th, and produced large hail and damaging winds across parts of west Texas. A supercell storm in Ward County produced hail up to the size of nickels. An anticyclonic member of a splitting supercell resulted in damaging winds across northwestern Gaines County.

Brewster County

6 W Marathon to Marathon	12	1645CST 1730CST			0	0	0	0	Hail(1.75)
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Reports of large hail were received as an isolated severe thunderstorm tracked along U.S. Highway 90 near Marathon. Initial reports indicated golfball size hail west of town. Nickel size hail was reported as the storm moved over Marathon.

Storm Data and Unusual Weather Phenomena

May 2005

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									
Pecos County									
9 NNW Longfellow	13	1435CST 1440CST			0	0	0	0	Hail(0.75)
A spotter from rural Pecos County reported that trees were stripped of their leaves by large hail along Longfellow Road in southern Pecos County.									
Brewster County									
25 NE Panther Junction	13	1754CST 1805CST			0	0	15K	0	Hail(1.75)
A National Weather Service Cooperative Observer reported walnut to golfball size hail at Heath Canyon. The hail persisted for ten minutes, and caused damage to a travel trailer.									
Brewster County									
25 NE Panther Junction	13	1755CST 1758CST			0	1	5K	0	Hail(2.75)
The National Weather Service Cooperative Observer at Heath Canyon, noted in the previous entry, sustained minor injuries when he was struck on the head by a very large hail stone. Baseball size stones were sporadically mixed with smaller hail, but additionally caused damage to a nearby trailer.									
Isolated severe thunderstorms affected the Big Bend area of west Texas during the late afternoon and evening hours of the 13th. Very large hail caused damage and one minor injury at Heath Canyon along the Rio Grande in eastern Brewster County.									
Presidio County									
Shafter	14	1730CST 1733CST			0	0	0	0	Hail(1.75)
A spotter reported golfball size hail in Shafter. No damage was reported.									
Presidio County									
1.5 NW Presidio	14	1835CST 1836CST			0	0	0	0	Hail(0.75)
Penny size hail was reported along Farm to Market Road 170 just northwest of Presidio.									
Jeff Davis County									
8 SE Valentine	14	2220CST			0	0	0	0	Hail(0.88)
Law enforcement officials reported nickel size hail in southern Jeff Davis County.									
Scattered thunderstorms developed over the Davis Mountains, Big Bend, and Trans Pecos regions of west Texas during the afternoon and evening of the 14th. Some storms became severe and produced hail to the size of golfballs. No significant damage was reported.									
Ector County									
Odessa	15	0447CST			0	0	5K	0	Thunderstorm Wind (G52)
Ector County emergency management officials reported that several large trees were uprooted by severe thunderstorm wind gusts in Odessa.									
Ector County									
Odessa	15	0550CST 0930CST			0	0	250K	0	Flash Flood
The Odessa Fire Department conducted thirty-five high water rescues as flash flooding of city streets stranded motorists in two to four feet of flowing flood waters. The Odessa American reported that the worst flooding occurred along Dixie Boulevard, Eighth Street, 42nd Street, and Muskingum Street.									
Ector County									
Odessa	15	0550CST			0	0	75K	0	Lightning
Emergency management officials in Odessa reported that lightning was responsible for setting two structure fires in Odessa. The heavy rainfall that occurred over the city aided the firefighter's efforts and helped limit structural damage.									
Midland County									
Midland	15	0629CST 0830CST			0	0	15K	0	Flash Flood
Reports of flash flooding in Midland were received as very heavy rainfall moved over the city. Initial reports indicated high water flowing through city streets, including Anetta and Eisenhower Streets near the intersection of Midland Drive in southern Midland. Several vehicles stalled in high water at the intersection of Wadley Drive and Godfrey Street by 06:53 CST, where water flowed over the hood of a pickup truck.									
Midland County									
Greenwood	15	0645CST			0	0	5K	0	Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

May 2005

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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TEXAS, West

A trained spotter reported thunderstorm wind gusts estimated up to 60 MPH in Greenwood. The local broadcast media reported that several large trees were uprooted by the winds.

Mitchell County

12 SSW Westbrook

15	0820CST 0930CST				0	0	5K	0	Flash Flood
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A local radio station relayed a report of flash flooding that affected a rural homestead in southwestern Mitchell County. Local residents reported that more than two inches of rain fell in a short period of time. This resulted in high water that briefly threatened a home.

Howard County

Big Spring

15	0834CST 1030CST				0	0	0	0	Flash Flood
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Flash flooding along Beals Creek rendered several city streets near downtown Big Spring impassable. The worst flooding was reported near the intersections of Sixth and Circle Streets, and Second and Denton Streets.

Ector County

Odessa

15	1200CST 1345CST				0	0	0	0	Flash Flood
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A second round of showers and thunderstorms moved over Ector County during the late morning hours. Additional heavy rainfall resulted in renewed flash flooding in parts of Odessa. High water was reported flowing through several city streets, including the intersections of 16th and Moss Streets and VFW and Stephenson Streets.

A complex of showers and thunderstorms propagated over the Permian Basin of west Texas during the morning hours of the 15th. Isolated occurrences of small hail and damaging thunderstorm winds were associated with the convection over the central Permian Basin. These storms additionally produced very heavy rainfall with measured rainfall totals approaching two inches across parts of the area. Numerous reports of flash flooding resulted, mainly in urban areas. The worst flooding occurred in Odessa where fire crews conducted more than thirty high water rescues. No injuries were reported.

TXZ074

Davis / Apache Mountains Area

23	1600CST				0	0	0	0	Wildfire
26	1000CST								

During the afternoon of the 23rd, a rare dry lightning outbreak occurred over the Davis and Glass Mountains of west Texas. A total of six wildfires were sparked by the lightning between 16:00 and 18:00 CST across Brewster, Jeff Davis, and Pecos Counties. Gusty winds generated by the dry thunderstorms combined with triple digit temperatures and very low relative humidities to promote rapid fire growth. Fire fighting efforts were initially concentrated on a small fire that threatened the Davis Mountain Resort subdivision eleven miles north-northwest of Fort Davis. This fire was quickly subdued before any structural damage was sustained. Two of the blazes, however, became large and burned out of control for more than forty-eight hours.

The Davis Mountain Complex Wildfire burned more than 3,000 acres near the Buffalo Trail Council Boy Scout Camp ten miles north of Fort Davis. This fire burned brush in mainly inaccessible areas east of the McDonald Observatory. The fire hampered operations at the observatory and several scouting and church camps in the area, but all facilities remained open. The blaze was extinguished on the 26th following the arrival of a cold front and associated cooler temperatures and higher relative humidity.

The largest fire burned more than 3,500 acres between Alpine and Marathon in northern Brewster County. The Mitre Peak Wildfire was fought by more than sixty people including officials from local volunteer fire departments, the Texas Forest Service Hot Shot unit, the National Park Service, the Texas Division of Emergency Management, and three Texas Department of Public Safety helicopter crews. The fire was brought under control during improving weather conditions on the 26th.

Glasscock County

**St Lawrence to
9 E St Lawrence**

25	1730CST 1830CST				0	0	0	0	Hail(1.25)
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A National Weather Service Cooperative Observer reported half dollar size hail in St. Lawrence. Multiple reports were received by local officials of additional large hail as the storm moved east of St. Lawrence during the next hour

Pecos County

Imperial

25	1820CST				0	0	25K	0	Thunderstorm Wind (G52)
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Fire department officials in Imperial reported that several 250 gallon diesel tanks were blown over by severe thunderstorm winds. In addition, a trampoline was lofted by the winds and blown over a house.

Upton County

1 WNW Rankin

25	1830CST 2000CST				0	0	3K	0	Flash Flood
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A National Weather Service Cooperative Observer reported that high water from flash flooding threatened her home just northwest of Rankin. Water was entering the back of her residence at 18:30 CST. The water receded before causing significant damage.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>TEXAS, West</u>									
Upton County									
Mc Camey	25	1834CST			0	0	0	0	Hail(0.75)
Glasscock County									
14 WNW St Lawrence	25	1943CST			0	0	0	0	Hail(0.75) A storm spotter reported penny size hail along Farm to Market Road 1379 at the Midland and Glasscock County line.
Midland County									
12 SSE Spraberry	25	1943CST			0	0	0	0	Hail(0.75) A storm spotter reported penny size hail along Farm to Market Road 1379 at the Midland and Glasscock County line.
Glasscock County									
Garden City to 8 S Garden City	25	2010CST 2017CST			0	0	0	0	Hail(0.88) Spotters reported hail ranging in size from nickels to quarters near Garden City and south along Farm to Market Road 33.
Howard County									
Forsan	25	2049CST			0	0	0	0	Hail(0.75)
Howard County									
5 S Big Spring	25	2112CST 2330CST			0	0	0	0	Flash Flood Storm spotters reported that flash flooding caused high water to inundate the intersection of U.S. Highway 87 and Farm to Market Road 33 south of Big Spring. More than one foot of flowing water covered the driving surface.
Howard County									
Big Spring	25	2118CST 2126CST			0	0	0	0	Hail(1.00) Numerous reports of hail ranging in size from pennies to quarters were received from Big Spring.
Gaines County									
1 S Seminole to Seminole	25	2254CST			0	0	2K	0	Thunderstorm Wind (G52) Law enforcement officials reported that severe thunderstorm winds downed power lines on the south side of Seminole.
Andrews County									
Florey to 4 W Andrews	25	2257CST 2320CST			0	0	0	0	Hail(1.00) A local television station relayed a report of quarter size hail in Florey. Additional reports from Florey indicated that the hail killed numerous birds. The storm propagated south and produced quarter size hail that covered the ground west of Andrews along State Highway 176 by 23:20 CST.
Dawson County									
15 NNE Lamesa to 16 NNE Lamesa	25 26	2300CST 0300CST			0	0	0	100K	Flash Flood A rural resident reported that heavy rainfall resulted in flash flooding that washed out a cotton crop and inundated secondary roadways off U.S. Highway 87 in northern Dawson County.
Gaines County									
Seminole	25	2305CST 2320CST			0	0	0	0	Hail(1.00) Several reports were received of nickel to quarter size hail in Seminole.
Gaines County									
Seminole	25 26	2326CST 0130CST			0	0	75K	0	Flash Flood Local law enforcement officials reported that heavy rainfall caused flash flooding in the streets of Seminole. Six vehicles were reported to be stranded in the flowing flood waters. Several motorists were rescued by fire department personnel. No injuries were reported.
Dawson County									
Lamesa	25	2327CST			0	0	4K	0	Thunderstorm Wind (G52) Law enforcement officials reported that severe thunderstorm winds blew down at least one utility pole in Lamesa.
Loving County									
24 NE Mentone to 11 ENE Mentone	26	0305CST 0335CST			0	3	500K	0	Thunderstorm Wind (G70)

Storm Data and Unusual Weather Phenomena

May 2005

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



The above image shows one of three trailer homes that were destroyed at remote oil fields in eastern Loving County as destructive winds swept over the county during the early morning hours of the 26th. Three oil field employees were injured. Photo courtesy: National Weather Service - Midland, Texas.

Destructive winds estimated to be 80 mph affected portions of Loving County. Twenty-six power poles were blown down along a five mile stretch of Highway 302 west of the Loving and Winkler County line. This resulted in widespread power outages. Three oil field workers were injured when their trailers were destroyed by the winds.

Winkler County
3 NW Wink

26	0353CST	0	0	0	0	Thunderstorm Wind (G55)
The Winkler County Airport ASOS recorded a severe thunderstorm wind gust to 63 MPH. No damage was reported in Winkler County.						

Ward County
Pyote

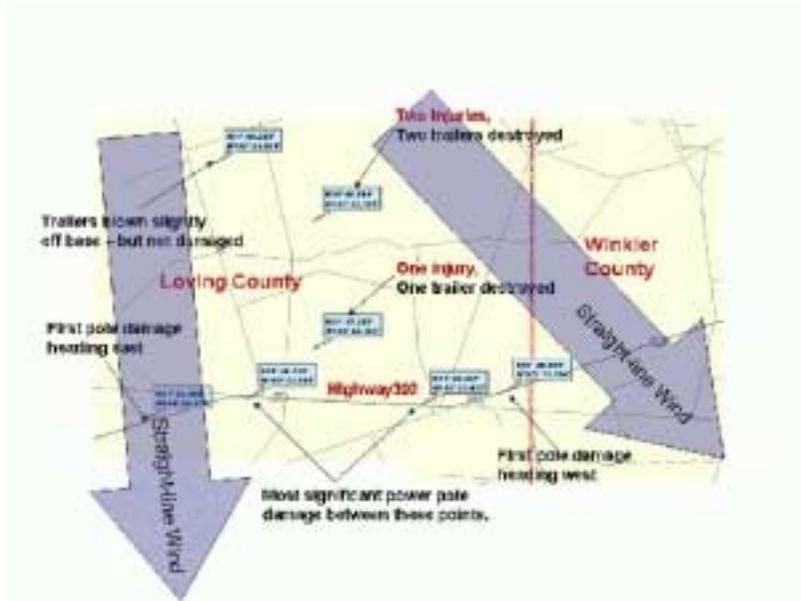
26	0431CST	0	0	4K	0	Thunderstorm Wind (G52)
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Storm Data and Unusual Weather Phenomena

May 2005

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



A map of eastern Loving and western Winkler Counties showing the location of the most intense damage (and resulting injuries) associated with the May 26 bow-echo convective complex. The above graphic is based on a National Weather Service damage survey.

Local officials reported that severe thunderstorm winds blew down a utility pole in Pyote.

During the early morning hours of the 26th, an organized line of convection evolved into a bow-shaped complex and propagated southeastward across the Upper Trans Pecos region of west Texas. A widespread swath of severe winds accompanied the bow over Loving, Ward, and Winkler Counties. Significant damage occurred in Loving County, where three trailer houses located at remote oil fields were destroyed by winds estimated at 80 MPH. Three oil field workers were injured. In addition, at least twenty-five power poles were blown down by the winds.

Ward County

Barstow

26	0520CST	0	0	35K	0	Lightning
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A lightning strike sparked an early morning residential fire in Barstow. No injuries were reported.

Reagan County

Big Lake to 1 S Big Lake

26	0600CST 0930CST	0	0	0	0	Flash Flood
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Law enforcement officials in Big Lake reported that flash flooding resulted in high water flowing through several city streets. At 06:00 CST, water was reportedly up to the doors on several vehicles. Water flowed over the curbs on many streets. By 08:40 CST nearly six inches of water flowed over Farm to Market Road 1676 just south of U.S. Highway 67.

Upton County

4 SW Rankin to 2 N Rankin

26	0630CST 0900CST	0	0	5K	0	Flash Flood
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Multiple reports of flash flooding were received from the Rankin area. Initial reports indicated that flood waters were inundating the porch at the Rankin Airport offices. by 06:30 CST, flowing water had inundated several area highways. The intersection of State Highway 349 and U.S. Highway 67 was impassable, as were several city streets. By 08:00 CST flash flooding had rendered State Highway 349 impassable with more than two feet of water flowing over the roadway north of Rankin

Ector County

Odessa to 5 SW Goldsmith

26	0648CST 0820CST	0	0	0	0	Flash Flood
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Ector County and Odessa officials reported flash flooding from near Goldsmith to Odessa. At 06:48 the Odessa Fire Department barricaded the intersection of Dixie and Center due to flowing water. Nearly half a foot of water also was reported flowing across Farm to Market Road 181 near the intersection with State Highway 302.

A significant round of severe weather affected west Texas late on the 25th and during the morning hours of the 26th. Scattered thunderstorms initiated late in the afternoon across the Permian Basin of west Texas and produced large hail. By late evening the focus for initiation shifted west across the western Permian Basin and the Trans Pecos region. Large hail and damaging winds

Storm Data and Unusual Weather Phenomena

May 2005

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

accompanied this activity.

Convection became widespread over the Permian Basin before sunrise on the 26th. A swath of damaging winds swept over portions of the Upper Trans Pecos during the pre-dawn hours and resulted in multiple injuries when trailer homes were destroyed in eastern Loving County. Locally heavy rainfall resulted in flash flooding across much of the area. Several area highways had to be closed due to high water.

Pecos County

2 N Ft Stockton

	27	1650CST			0	0	0	0	Hail(1.00)
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The public reported quarter size hail just north of Fort Stockton.

Pecos County

**3 N Ft Stockton to
15 SE Ft Stockton**

	27	1700CST 2130CST			0	0	0	0	Flash Flood
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Local officials reported flash flooding across a large part of central Pecos County during the late afternoon and evening hours of the 27th. The initial reports indicated several city streets were inundated with flood waters, including James and Jackson Streets, and the Sanderson Highway. County roads also were reported to be impassable north of the city. By 19:01 CST over six inches of water was reported flowing across U.S. Highway 285 southeast of Fort Stockton. High water additionally was reported flowing over portions of U.S. Highway 385 between Fort Stockton and Marathon.

Brewster County

Marathon

	27	1910CST 1916CST			0	0	0	0	Hail(1.00)
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Quarter size hail was reported in Marathon.

Upton County

**7 N Rankin to
Rankin**

	27	1944CST 2130CST			0	0	50K	0	Flash Flood
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Law enforcement officials reported flash flooding along State Highway 349 north of Rankin. Flowing flood waters inundated the highway seven miles north of the city. By 19:56 CST residents in Rankin reported that heavy rainfall and flash flooding resulted in high water that entered several homes. A National Weather Service Cooperative Observer reported that up to five inches of rain had fallen during the past forty-eight hours.

Brewster County

15 NE Marathon

	27	2011CST 2200CST			0	0	0	0	Flash Flood
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Very heavy rainfall associated with the severe storm over Marathon resulted in street flooding of many city streets. Motorists traveling along U.S. Highway 385 between Fort Stockton and Marathon reported intermittent flash flooding along that route in northern Brewster County. The Texas Department of Transportation was dispatched to barricade portions of the highway.

Pecos County

Iraan

	27	2111CST 2330CST			0	0	0	0	Flash Flood
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Local officials reported that heavy rainfall resulted in flash flooding in Iraan. Numerous city streets were reported to be inundated with flowing flood waters. No damage was reported.

Terrell County

36 N Dryden

	27 28	2200CST 0100CST			0	0	0	0	Flash Flood
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Local residents reported debris from overnight flash flooding covering portions of Farm to Market Road 2400 in northern Terrell County. Large amounts of caliche, rocks, dirt, and other debris was deposited across the highway near several low water crossings. The event time is estimated based on radar.

Upton County

8 W Midkiff

	27 28	2213CST 0100CST			0	0	0	0	Flash Flood
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The Texas Department of Transportation closed a stretch of State Highway 349 just south of the Midland and Upton County line, as heavy rainfall and the resulting flash flooding inundated portions of that highway.

Scattered strong to severe thunderstorms produced locally heavy rainfall and large hail across portions of the Trans Pecos and the southern Permian Basin regions of west Texas. Hail up to the size of quarters was reported with the strongest storms in Pecos and Brewster Counties. The most significant flooding occurred in Upton County, where high water threatened several residences in Rankin.

Crane County

Crane

	28	1343CST			0	0	10K	0	Thunderstorm Wind (G52)
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Storm Data and Unusual Weather Phenomena

May 2005

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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TEXAS, West

Severe thunderstorm winds downed power lines in Crane.

Ector County

Odessa

28	1428CST 1600CST				0	0	75K	0	Flash Flood
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Flash flooding in Odessa resulted in significant traffic problems on many city streets. Stalled vehicles were reported at several locations within the city, including the intersection of Dixie and 23rd Streets. The Odessa Fire Department conducted six high water rescues during the event. No injuries were reported during the rescue efforts that occurred at the intersection of 17th and Tom Green Streets, and along Muskingum Street.

Midland County

4 NW Midland to Midland

28	1437CST 1630CST				0	0	0	0	Flash Flood
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Several reports of flash flooding were received from areas in and around Midland during the afternoon of the 28th. The intersection of County Road 60 and State Highway 158 was inundated by almost a half-foot of flowing water. Similar flash flooding conditions were reported along several city streets in the north part of the city, including at the intersection of Briarwood and Northcrest. At least one foot of flowing flood waters covered the intersection of Midkiff and Andrews Highway. No damage or injuries were reported.

A complex of strong to severe thunderstorms tracked over the central Permian Basin of west Texas during the afternoon of the 28th. In addition to damaging winds over the southern Permian Basin, this activity produced very heavy rainfall over the urban areas of Midland and Odessa that resulted in flash flooding. The most significant public impact was in Odessa, where firefighters rescued several motorists from stalled vehicles in flowing flood waters. No injuries were reported.

Gaines County

17 WSW Seminole

30	2330CST 2335CST				0	0	0	100K	Hail(0.75)
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A previously tornadic supercell propagated east-southeast from the plains of southeastern New Mexico and over the northwestern Permian Basin of west Texas during the late evening of the 30th. Farmers reported minor crop damage from large hail and strong thunderstorm winds over southwestern Gaines County.

Borden County

14 NE Gail to 8 NE Gail

31	0630CST 0700CST				0	0	0	0	Hail(1.75)
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Large hail up to the size of golfballs stripped trees along a swath northeast of Gail near Four Mile Lane and Farm to Market Road 612.

Borden County

8 NE Gail

31	0635CST				0	0	0	0	Thunderstorm Wind (G52)
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Thunderstorm wind gusts estimated to 60 MPH accompanied the large hail northeast of Gail.

Borden County

14 NE Gail

31	0645CST				0	0	0	0	Hail(2.00)
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A few very large hail stones occasionally mixed with the penny to golfball size hail northeast of Gail. Although no significant damage was reported, many trees were stripped of their leaves.

Scurry County

Fluvanna

31	0707CST				0	0	0	0	Hail(1.75)
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A local radio station relayed a report of golfball size hail near Fluvanna.

Scurry County

11 WSW Ira to Ira

31	0715CST 0755CST				0	0	0	0	Hail(1.75)
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Penny to golfball size hail was reported by the public from rural areas of southwestern Scurry County near Knapp, to Ira. No significant damage was reported.

Scurry County

1 N Ira to Ira

31	0726CST 0745CST				0	0	0	0	Thunderstorm Wind (G52)
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Thunderstorm wind gusts estimated to be 60 MPH accompanied large hail near Ira.

Mitchell County

Loraine

31	0810CST 0812CST				0	0	0	0	Hail(1.00)
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The public and an employee at the local post office reported quarter size hail in Loraine. The hail reportedly covered the ground

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time 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

Mitchell County

12 SSE Colorado City to 15 SSE Colorado City	31	0856CST			0	0	0	0	Hail(1.75)
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A trained spotter reported hail of varying sizes up to golfballs embedded in very heavy rain.

A complex of strong to severe convection propagated southeast across the western low rolling plains and the northeastern Permian Basin of west Texas during the morning hours of the 31st. This activity produced large hail up to the size of hen eggs and severe thunderstorm winds gusts. The local broadcast media and Texas Department of Public Safety officials reported that heavy rainfall and slick driving conditions on Interstate 20 indirectly contributed to a traffic accident in Mitchell County near Loraine. One motorist involved in the accident was transported to a local hospital and treated for injuries.

Mitchell County

Colorado City	31	1915CST			0	0	0	0	Hail(1.75)
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A local radio station reported golfball size hail in the southeast side of Colorado City.

Mitchell County

4 SSE Colorado City to 18 SSE Colorado City	31	1944CST 2030CST			0	0	0	0	Hail(1.75)
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A local television meteorologist and rural residents reported nickel to golfball size hail along State Route 208 south of Colorado City as a second severe storm affected the area.

Scurry County

6 NW Snyder	31	2055CST 2100CST			0	0	0	0	Hail(1.00)
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The Snyder Fire Department reported nickel to quarter size hail along U.S. Highway 84 northwest of Snyder.

Mitchell County

3 N Colorado City	31	2226CST			0	0	0	0	Hail(1.75)
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The Colorado City Police Department reported quarter size hail along State Route 208 north of the city.

Mitchell County

Loraine	31	2250CST 2345CST			0	0	0	0	Flash Flood
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Flash flooding resulted in half a foot of water flowing through many city streets in Loraine. Storm spotters reported that the street flooding was brief and that no damage or injuries occurred.

Isolated supercell thunderstorms developed along a dryline over the eastern Permian Basin of west Texas during the late afternoon and evening of the 31st. The first storm initiated over far eastern Howard County and rapidly became severe as it propagated east, then southeast over Mitchell County. This storm resulted in a swath of large hail up to the size of golfballs as it tracked near Colorado City and then southeastward along State Route 208.

A long-lived supercell propagated southeast out of the west Texas south plains and over Scurry County during the mid to late evening hours. This storm produced large hail as it tracked southeastward from near Snyder and eventually weakened near Colorado City.

Very heavy rainfall from both storms contributed to flash flooding in Loraine by late evening. No reports of significant damage were received.

TEXAS, Western North

Wichita County

Wichita Falls	08	1544CST			0	0			Hail(0.75)
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Wichita County

Wichita Falls	08	1635CST			0	0			Hail(1.00)
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Wichita County

Wichita Falls	08	1639CST			0	0			Hail(1.00)
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Hail was observed on the southeast side of the city.

Archer County

Scotland	08	1649CST			0	0			Hail(1.00)
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Wichita County

Wichita Falls	08	1652CST			0	0			Hail(1.00)
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Storm Data and Unusual Weather Phenomena

May 2005

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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TEXAS, Western North

Hail was reported on the southeast side of the city.

Wichita County

Wichita Falls	08	1655CST			0	0	10K		Hail(1.25)
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Hail caused damage on the southeast side of the city to automobile windshields and a few broken windows in homes.

Clay County

2 W Jolly	08	1656CST			0	0			Hail(0.88)
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Clay County

Lake Arrowhead	08	1711CST			0	0			Hail(0.75)
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Foard County

19 WNW Crowell	13	1530CST			0	0			Hail(0.88)
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Foard County

19 WNW Crowell	13	1630CST			0	0			Hail(0.88)
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Foard County

7 SSW Crowell	13	1715CST			0	0			Hail(0.75)
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Knox County

4 SE Truscott to 4 SSW Gilliland	13	1732CST 1746CST	4	150	0	0			Tornado (F1)
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This tornado was observed by several experienced storm chasers and the mobile radar, Doppler On Wheels (DOW). The tornado became better organized around 1740 CST as observed by the chasers and the DOW information. Preliminary analysis of data from the Doppler On Wheels indicated a maximum wind velocity of 49 m/s (approx. 110 mph) at 1745 CST just before the tornado dissipated. This tornado occurred in a remote part of the county where no damage was reported.

Knox County

4 W Vera to 3 ENE Goree	13	1809CST 1850CST	16	1000	0	0			Tornado (F3)
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The tornado began in Knox County and traveled just over 16 miles, eventually moving into Baylor County for less than a half a mile before dissipating 3.3 miles SW of Bomarton. The storm was being seeded by precipitation from another supercell just to the southwest and the tornado was apparently rain-wrapped throughout its duration. However mobile research radars, Doppler on Wheels (DOW), were able to track this tornado. The initial path of the tornado was to the south-southwest crossing U.S. Highway 82. The tornado then generally moved to the southeast for the rest of its life. This tornado moved through sparsely populated areas with no reported damage. Preliminary analysis of data from the Doppler On Wheels indicated a maximum wind velocity of 79 m/s (about 177 mph) at 30 m above ground level which was measured at 1829 CST when the tornado was in open country about 6 miles south of Vera.

Knox County

Benjamin	13	1830CST			0	0			Hail(1.00)
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Knox County

Benjamin	13	1830CST			0	0			Thunderstorm Wind (G52)
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Knox County

2 WNW Munday	13	1838CST			0	0			Hail(2.50)
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Knox County

Munday	13	1845CST			0	0			Hail(1.25)
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Baylor County

3.3 SW Bomarton	13	1850CST 1851CST	0.3	400	0	0			Tornado (F0)
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This rain-wrapped tornado began in Knox county, 4 miles W of Vera, and traveled about 16 miles before eventually moving into Baylor county where it quickly dissipated. The tornado was generally moving to the southeast by the time it moved into the county. This tornado moved through open country with no known damage.

Knox County

2 N Goree	13	1850CST			0	0	7.5K		Thunderstorm Wind (G61)
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Power lines and trees were downed.

Baylor County

3 NW Bomarton	13	1851CST	0.2	50	0	0			Tornado (F0)
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A brief tornado was reported 3 miles northwest of Bomarton. Data from the Doppler on Wheels research radars measured a wind velocity of 23 m/s at 22 m above ground level. The duration and path of the tornado beyond this point is unknown.

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TEXAS, Western North</u>									
Baylor County									
Bomarton	13	1900CST			0	0			Hail(1.75)
									Quarter to golf ball size hail was reported covering the ground.
Hardeman County									
Quanah	13	2120CST			0	0			Hail(0.88)
Hardeman County									
2 N Quanah	13	2130CST			0	0			Hail(1.00)
Hardeman County									
3 W Chillicothe	13	2150CST			0	0			Hail(1.00)
Hardeman County									
Chillicothe	13	2201CST			0	0			Hail(0.75)
Wilbarger County									
2.5 NE Lockett	13	2230CST			0	0			Hail(0.88)
Wilbarger County									
10 N Vernon	25	0845CST			0	0			Hail(1.75)
									Quarter to golfball size hail was reported near Highway 283.
Wilbarger County									
4 ESE Harrold	25	0933CST			0	0			Hail(1.00)
									Hail was reported at County Line Road.
Wichita County									
Electra	25	0935CST			0	0			Hail(1.00)
									Nickel to quarter size hail was reported at the intersection of Highway 25 and 287.
Wichita County									
Electra	25	0939CST			0	0			Hail(1.25)
Wichita County									
2 S Burkburnett	25	0956CST			0	0			Hail(1.00)
									Hail was reported at Interstate 44 and Daniels Road.
Wichita County									
Sheppard Afb	25	1004CST			0	0			Hail(0.75)
Wichita County									
Wichita Falls	25	1011CST			0	0			Hail(0.88)
									Hail was observed at the intersection of Kell Road and Barnett.
Clay County									
Joy	25	1049CST			0	0			Hail(0.75)
Clay County									
6 S Joy	25	1054CST			0	0			Hail(0.75)
Wilbarger County									
4 NE Vernon	31	1740CST			0	0			Hail(1.00)
Wilbarger County									
2 NNE Tolbert	31	1746CST			0	0			Hail(1.75)
Wilbarger County									
1 ESE Tolbert	31	1755CST			0	0			Thunderstorm Wind (G52)
Wilbarger County									
Vernon	31	1806CST			0	0			Hail(0.88)
									Hail reported at the intersection of Highway 287 and Highway 70.
Wilbarger County									
Vernon	31	1810CST			0	0			Hail(1.00)
Wilbarger County									
Vernon	31	1810CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

May 2005

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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TEXAS, Western North

Hail was observed on the southwest side of town.

Wilbarger County 4 NW Vernon	31	1810CST			0	0			Hail(0.88)
Wilbarger County Vernon	31	1812CST			0	0			Hail(1.25)
Wilbarger County Vernon	31	1820CST			0	0			Hail(1.00)
Knox County Knox City	31	2020CST			0	0			Thunderstorm Wind (G52)
Knox County Knox City	31	2023CST			0	0	7.5K		Thunderstorm Wind (G56)
Several power lines were downed in town. Power lines were also downed around town on Highway 222									
Knox County Rhineland	31	2035CST			0	0			Thunderstorm Wind (G56)
Baylor County Bomarton	31	2050CST			0	0			Thunderstorm Wind (G61)

UTAH, East

UTAH, West and Central

VERMONT, North and Central

Franklin County East Berkshire	01	1415EST			0	0	1K		Hail(0.00)
A cold upper level trough over the northeast US resulted in reports of pea size hail.									
Orleans County Derby Line	03	1455EST 1505EST			0	0	1K		Hail(0.00)
A cold upper level trough over the northeast US resulted in reports of pea size hail.									
Caledonia County East Burke	29	1400EST 1410EST			0	0	1K		Hail(0.00)
A cold upper level trough over the northeast US resulted in reports of pea size hail.									
Caledonia County East Burke	30	1545EST 1600EST			0	0	1K		Hail(0.00)
Addison County Middlebury	30	1645EST 1650EST			0	0	1K		Hail(0.00)
A cold upper level trough across the northeast US resulted in reports of pea size hail. Heavy downpours of rain were also reported in East Burke.									

VERMONT, South

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>VIRGIN ISLANDS</u>									
<u>VIRGINIA, East</u>									
Prince Edward County									
Hampden Sydney	12	1450EST			0	0	2K		Thunderstorm Wind (G50)
									Four to five large trees down in town and four to five trees down on Hampden Sydney College Campus.
Gloucester County									
Gloucester	15	1355EST			0	0			Hail(0.75)
Mathews County									
1 N Port Haywood	15	1400EST			0	0			Hail(1.00)
Mathews County									
1 N Port Haywood	15	1400EST			0	0	2K		Thunderstorm Wind (G50)
									Several trees down near Route 613.
Chesterfield County									
1 N Matoaca	15	1415EST			0	0			Hail(1.00)
Dinwiddie County									
3 NE Burgess	15	1430EST			0	0			Hail(1.00)
Petersburg (C)									
Petersburg	15	1432EST			0	0			Hail(0.88)
Colonial Heights (C)									
Colonial Hgts	15	1435EST			0	0			Hail(1.75)
Prince George County									
Prince George	15	1437EST			0	0			Hail(2.00)
Hopewell (C)									
Hopewell	15	1440EST			0	0			Hail(0.75)
Nottoway County									
Nottoway	15	1442EST			0	0			Hail(0.88)
Prince George County									
1 W Garysville	15	1450EST			0	0	5K		Thunderstorm Wind (G50)
									Trees leaning on power lines. Other straight line wind damage was found 2 miles north of Prince George courthouse where a tree was down on a house.
Prince George County									
Prince George	15	1450EST			0	0	2K		Thunderstorm Wind (G50)
									Numerous trees down along Ruffin Road.
Charles City (C)									
2 NW Rustic	15	1518EST			0	0			Hail(0.75)
James City County									
Norge	15	1530EST			0	0			Hail(0.75)
Chesapeake (C)									
2 N Deep Creek	15	1655EST			0	0			Hail(0.75)
Northampton County									
Exmore	15	1700EST			0	0			Hail(0.75)
Suffolk (C)									
3 SW Suffolk Arpt	15	1714EST			0	0			Hail(0.75)
Virginia Beach (C)									
Virginia Beach	15	1730EST			0	0			Hail(0.88)
Norfolk (C)									
Norfolk	15	1740EST			0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>VIRGINIA, East</u>									
Goochland County Sandy Hook	23	1428EST			0	0	2K		Thunderstorm Wind (G50)
			Large two foot diameter tree down across road.						
Goochland County Goochland	23	1430EST			0	0			Hail(0.88)
Henrico County Short Pump	23	1459EST			0	0			Hail(0.88)
Richmond (C) Richmond	23	1510EST			0	0			Hail(1.00)
Chesterfield County Midlothian	23	1513EST			0	0			Hail(0.88)
Chesterfield County Chesterfield	23	1520EST			0	0	2K		Thunderstorm Wind (G50)
			Numerous trees down.						
Caroline County Ruther Glen	23	1525EST			0	0	1K		Thunderstorm Wind (G50)
			Tree down on Penola Road.						
Chesterfield County 3 E Chester	23	1530EST			0	0	2K		Thunderstorm Wind (G50)
			Large tree and tree limbs down.						
Hopewell (C) Hopewell	23	1535EST			0	0	10K		Thunderstorm Wind (G50)
			Several large one to two feet diameter trees down in City Point area. One tree was on a house and caused structural damage. A large barge was dislodged. Two detached garages damaged.						
Prince George County 4 NW Garysville to 3 NW Garysville	23	1540EST			0	0	2K		Thunderstorm Wind (G50)
			Numerous large tree limbs down in Rivers Edge Subdivision. Two large oak trees down across driveway near intersection of Highway 10 and Highway 635.						
Surry County 3 SE Claremont	23	1616EST 1617EST	0.3	20	0	0			Tornado (F0)
			News media video from a helicopter of tornado. Tornado occurred in a plowed field and there was no tree damage reported.						
Isle Of Wight County 1 W Smithfield	23	1640EST			0	0			Hail(0.88)
Isle Of Wight County Carrollton	23	1645EST			0	0	2K		Thunderstorm Wind (G50)
			Trees down.						
Suffolk (C) Suffolk Arpt	23	1655EST			0	0			Hail(0.75)
Portsmouth (C) 5 NW Portsmouth	23	1700EST			0	0			Hail(0.75)
Chesapeake (C) Chesapeake	23	1702EST			0	0			Hail(1.00)
Chesapeake (C) Chesapeake	23	1710EST			0	0	2K		Thunderstorm Wind (G50)
			Two 12 inch diameter trees down.						

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>VIRGINIA, Extreme Southwest</u>									
Russell County									
Honaker	13	1710EST			0	0	12K		Thunderstorm Wind (G60)
									Several trees were reported down around Honaker.
Russell County									
Honaker	13	1745EST 1850EST			0	0			Flash Flood
									Several roads washed out around Honaker.
Norton (C)									
Norton	13	1820EST			0	0			Hail(0.88)
									Nickle sized hail was reported in Norton.
Wise County									
Central Portion	13	1822EST			0	0			Hail(0.88)
									Nickle sized hail was reported at Norton.
Russell County									
Northeast Portion	13	2000EST 2100EST			0	0			Flash Flood
									Several roads impassable. Several roads impassable.
Wise County									
Big Stone Gap	14	1630EST			0	0	6K		Thunderstorm Wind (G60)
									Two trees were reported down near Big Stone Gap.
Russell County									
Lebanon	14	1645EST			0	0	6K		Thunderstorm Wind (G60)
									Several large limbs downed power lines across the eastern half of the county.
Russell County									
1 E Honaker	14	1705EST			0	0	3K		Thunderstorm Wind (G55)
									One tree was reported down on route 67 one mile east of Honaker.
Washington County									
Wallace	14	1722EST			0	0			Hail(0.75)
									Penny size hail was reported near Wallace.
Washington County									
Saltville	14	1859EST			0	0	3K		Thunderstorm Wind (G60)
									A tree was downed across a road near Saltville.
Washington County									
Abingdon	14	1910EST			0	0	3K		Thunderstorm Wind (G60)
									A tree was downed in Abingdon.
Lee County									
Ewing	19	2340EST			0	0	3K		Thunderstorm Wind (G55)
									A large tree was downed in Ewing.
Lee County									
Countywide	19	2340EST			0	0	20K		Thunderstorm Wind (G60)
									Several trees were reported down across the county.
Washington County									
Abingdon	20	0030EST			0	0	6K		Thunderstorm Wind (G60)
									Two trees were reported down in Abingdon and another tree was downed in Damascus.
<u>VIRGINIA, North</u>									
Shenandoah County									
Woodstock to Mt Jackson	14	1452EST 1456EST			0	0			Thunderstorm Wind (G58)
									Trees down on roads and powerlines.

Storm Data and Unusual Weather Phenomena

May 2005

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
<u>VIRGINIA, North</u>									
Warren County									
Front Royal	14	1513EST 1520EST			0	0			Thunderstorm Wind (G58)
Numerous trees down countywide.									
Fauquier County									
5 N Marshall	14	1620EST 1625EST			0	0			Thunderstorm Wind (G58)
Trees down.									
Loudoun County									
Aldie	14	1630EST 1635EST			0	0	1K		Hail(0.01)
Penny size hail reported in Stoneridge, VA.									
Staunton (C)									
Staunton	14	1745EST 1750EST			0	0			Thunderstorm Wind (G58)
Numerous trees down.									
Falls Church (C)									
Falls Church	14	1810EST 1815EST			0	0	2K		Hail(0.01)
Penny size hail reported.									
Arlington County									
Arlington	14	1820EST 1825EST			0	0			Thunderstorm Wind (G58)
Trees down.									
Fauquier County									
Marshall	14	1835EST 1840EST			0	0	1K		Hail(0.01)
Albemarle County									
North Garden	14	1838EST 1843EST			0	0			Thunderstorm Wind (G58)
Tree down on Plank Road.									
Fauquier County									
Markham	14	1905EST 1910EST			0	0			Thunderstorm Wind (G58)
Trees down.									
Fairfax County									
Mc Lean	14	1949EST 1952EST			0	0			Funnel Cloud
Fairfax County									
Annandale	14	1955EST 2000EST			0	0	5K		Thunderstorm Wind (G60)
Tree down on car and powerlines down.									
Augusta County									
Verona	14	2010EST 2015EST			0	0			Thunderstorm Wind (G58)
Powerwires down.									
A strong cold front moved from the central Appalachians to the mid-Atlantic region during the period. Very strong instability and high moisture levels contributed to an outbreak of severe weather. Damaging wind gusts occurred in some locations, as well as a few reports of large hail.									
Spotsylvania County									
Snell	23	1515EST 1520EST			0	0			Thunderstorm Wind (G58)
Several trees uprooted and snapped in two.									
A stationary front combined with an area of low pressure to cause isolated severe thunderstorms to break out on May 23, 2005.									

Storm Data and Unusual Weather Phenomena

May 2005

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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VIRGINIA, Northwest

Dickenson County

Haysi	13	1425EST			0	0			Hail(1.75)
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Dickenson County

Clintwood	13	1500EST			0	0			Hail(1.00)
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Dickenson County

Clintwood to Haysi	13	1830EST 2030EST			0	0	20K		Flash Flood
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Repetitive showers and thunderstorms dumped 1.9 to 3.5 inches of rain in the vicinity of Clintwood to Haysi and Birchleaf. A portion of Route 80 was damaged.

Buchanan County

1 E Prater	13	1900EST 2000EST			0	0	2K		Flash Flood
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Laurel Branch flooded and closed roads. The stream is a small run of the War Fork of the Russell Prater Creek.

VIRGINIA, Southwest

Grayson County

Independence	10	1711EST			0	0			Hail(0.75)
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Grayson County

Independence	10	1715EST			0	0	1K		Lightning
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Lightning strikes started a fire in an apartment complex and at a home in Independence. Several apartment residents were evacuated. The property damage value was to the home.

Henry County

1 SE Axton	12	1315EST			0	0			Thunderstorm Wind (G52)
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A tree was knocked down onto a power line, which in turn started a brush fire in rural Henry County.

Buckingham County

3 SW Buckingham	12	1350EST			0	0			Thunderstorm Wind (G52)
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A large tree was blown down.

Buckingham County

7 S Dillwyn	12	1400EST			0	0			Thunderstorm Wind (G52)
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A power line was blown down.

Smyth County

4 S Thomas Bridge	12	1850EST			0	0			Hail(0.75)
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Smyth County

Saltville	13	1325EST			0	0			Hail(1.00)
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Rockbridge County

10 SE Goshen	14	1625EST			0	0			Thunderstorm Wind (G52)
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Thunderstorm winds downed a tree at the intersection of Route 39 and Copper Road.

Smyth County

Saltville	14	1915EST			0	0			Hail(0.75)
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Smyth County

6 S Marion	20	0025EST	0.6	50	0	0			Tornado (F1)
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An F1 tornado touched down briefly 6 miles south of Marion, at 0025 EST on May 20th. Many trees were snapped or uprooted. In addition, shingles were stripped from several roofs.

WASHINGTON, Northeast

Grant County

Royal City	04	1630PST 1730PST			0	0			Flash Flood
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Storm Data and Unusual Weather Phenomena

May 2005

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

WASHINGTON, Northeast

Grant County

Royal City	04	1630PST 1730PST			0	0	50K	150K	Hail(1.00)
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One to three inches of rain along with hail as big as one inch in diameter fell across the Royal City area during the afternoon of the 4th of May. Many roads were washed out with hundredths of thousands of dollars to structures and crops around Royal City.

Adams County

North Portion	09	1600PST 2300PST			0	0			Flash Flood
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Chelan County

Northeast Portion	09	1600PST 2300PST			0	0			Flash Flood
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Lincoln County

West Portion	09	1600PST 2300PST			0	0			Flash Flood
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On the evening of the 9th of May, a storm system brought slow moving thunderstorms across Eastern Washington. These storms dumped 2 to 5 inches of rain in about 6 hours on portions of Adams, Lincoln and Chelan Counties. In Adams County, flash flooding occurred in and around the town of Ritzville.

Many homes, streets and businesses were flooded due to the heavy rain. In Lincoln County, a few homes and businesses were flooded along with many roads. Some notable roads that experienced damage from flooding in Lincoln County were Highway 23 between Harrington and Sprague, Highway 174 between Wilber and Grand Coulee, and Coffeepot Road near Coffeepot Lake. In Chelan County, there was some damage to roads due to flooding and debris flows. The South Lakeshore Drive was closed and damaged due to a huge debris flow. The Chelan High School was flooded due to the heavy rain. Throughout the event, there were many road closures due to the heavy rain.

Spokane County

Four Lakes to Airway Hgts	17	1100PST 1125PST			0	0	0	1K	Hail(1.00)
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On the evening of May 17th, a line of thunderstorms moved across Spokane County. One severe storm dropped up to one inch in diameter hail in a very narrow swath from Four Lakes to just east of Airway Heights. Only one thousand dollars was estimated for crop damage.

WASHINGTON, Northwest

Snohomish County

5 W Arlington	18	1850PST 1851PST	0.2	10	0	0	6K		Tornado (F1)
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A tornado was on the ground near Lake Ki for about a minute. It snapped a cedar tree that collapsed a car port and fell on a roof.

Snohomish County

Monroe	19	1130PST			0	0	50K		Hail(0.40)
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Small hail pelted the ground for about 15 minutes. It destroyed almost all the lettuce and spinach, and most of the mixed vegetables that were due for harvest at a local farm.

WAZ018

West Slopes Central Cascades And Passes	21	1700PST			2	0			Winter Storm
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Two men died near the 8000 ft level while climbing up Mt Rainier. M57OU, M27OU

WASHINGTON, Southeast

WASHINGTON, Southwest

Storm Data and Unusual Weather Phenomena

May 2005

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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WEST VIRGINIA, East

WEST VIRGINIA, North

Brooke County									
3 S Wellsburg	13	2040EST			0	0			Hail(0.75)
Ohio County									
Wheeling	13	2050EST			0	0	5K		Thunderstorm Wind (G50)
Large trees down.									
Marshall County									
5 E Moundsville	13	2050EST			0	0			Thunderstorm Wind (G50)
Large trees down.									

WEST VIRGINIA, Southeast

WEST VIRGINIA, West

Putnam County									
Red House	10	1500EST			0	0			Hail(0.75)
Jackson County									
Kenna	10	1530EST			0	0			Hail(0.75)
Roane County									
Spencer	10	1600EST			0	0			Hail(0.75)
Braxton County									
Servia	13	1725EST			0	0			Thunderstorm Wind (G50)
Several trees were blown down along roads.									
Gilmer County									
Glenville	13	1750EST			0	0			Hail(1.00)
Mingo County									
Kermit	13	1815EST			0	0			Thunderstorm Wind (G50)
Trees were knocked down by the wind.									
Wayne County									
Wayne	13	1820EST			0	0			Hail(0.88)
Lincoln County									
Ranger	13	1830EST			0	0			Hail(0.88)
Logan County									
Logan	13	1830EST			0	0			Hail(1.00)
Lincoln County									
Hamlin	13	1840EST			0	0			Thunderstorm Wind (G50)
Trees were blown down.									
Cabell County									
Huntington	13	1853EST			0	0			Hail(0.75)
Cabell County									
Barboursville	13	1856EST			0	0			Hail(0.88)
Cabell County									
2 W Salt Rock	13	1900EST			0	0	1K		Hail(1.00)
A carport was damaged.									

Storm Data and Unusual Weather Phenomena

May 2005

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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WEST VIRGINIA, West

A warm front moved north. Thunderstorms formed in the moist and unstable air south of the front. Thunderstorms became pulse severe with hail and gusty winds.

**Tyler County
South Portion**

20	0430EST 0600EST				0	0	2K		Flash Flood
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Rains of 2.5 to 3.5 inches fell over the southern portion of the county, around Wick and Alma, in about 12 hours. North of this heaviest rain area, the observer at Middlebourne measured 2.15 inches of rain. Creeks such as Indian, Sancho, and Sugar overflowed onto roads. The county highway department reported numerous rock and debris slides.

**Lewis County
4 S Weston**

23	1548EST				0	0			Hail(0.75)
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**Lewis County
Roanoke**

23	1559EST				0	0			Hail(0.88)
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Nickel size hail was reported in the vicinity of Stonewall Jackson Lake State Park

Upshur County

1 SE Kanawha Head

23	1621EST				0	0			Thunderstorm Wind (G55)
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Trees were snapped off along Slab Camp Run.

WISCONSIN, Northeast

Brown County

Ashwaubenon

06	1341CST				0	0			Hail(0.75)
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Kewaunee County

**Luxemburg to
2 N Kewaunee**

06	1415CST 1435CST				0	0			Hail(0.88)
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Winnebago County

**5 N Oshkosh to
Butte Des Morts**

06	1420CST 1430CST				0	0			Hail(0.88)
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Winnebago County

**1 SW Winnebago to
Oshkosh**

06	1457CST 1508CST				0	0	100K		Hail(1.25)
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Winnebago County

**7 ESE Oshkosh Wittman
7.8 ESE Oshkosh Wittma**

06	1524CST 1525CST	0.8	50		0	0			Tornado (F0)
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Calumet County

**5 WSW Brothertown to
3.7 SW Brothertown**

06	1525CST 1529CST	1.7	50		0	0			Tornado (F0)
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Manitowoc County

2 N Newton

06	1535CST				0	0			Hail(1.00)
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Thunderstorms developed in east central Wisconsin as moisture interacted with a trough that moved into the area. The storms produced a tornado, numerous reports of large hail and torrential rain. The tornado touched down over Lake Winnebago and moved southeast across the lake for two and a half miles, from southeast Winnebago county across southwest Calumet county into Fond du Lac county, before dissipating without doing any damage. Hail up to half dollar size fell in Oshkosh as the storms moved through Winnebago county, causing damage to 24 vehicles and roof damage to 18 homes. The hail drifted to a foot deep in some locations, requiring shoveling of sidewalks and driveways. The storms produced an inch of rain in just 15 minutes near Oshkosh.

Outagamie County

Appleton

09	1437CST				0	0			Thunderstorm Wind (G52)
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Moist and unstable air interacted with a surface boundary to produce thunderstorms. A wind gust from one of the storms bent a flag pole in Appleton.

WISCONSIN, Northwest

Storm Data and Unusual Weather Phenomena

May 2005

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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WISCONSIN, Southeast

Fond Du Lac County

3.2 NW Pipe to 3 NW Pipe	06	1530CST 1531CST	0.2	50	0	0			Tornado (F0)
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A brief, weak tornado was spotted about 3.2 to 3.0 miles northwest of Pipe (Fond du Lac Co.) just inside the county line over Lake Winnebago. There were no reports of damage. This tornado was a continuation of a tornado that spun up over Lake Winnebago about 7.8 miles east-southeast of Oshkosh in Winnebago County at 1324CST and moved to a point 3.7 miles southwest of Brothertown at 1329CST in extreme southwest Calumet County. This tornado was seen by a severe weather spotter from Calumet County. The surface position is and F-scale rating are estimated and based on the spotter's report.

Fond Du Lac County

Waucousta	06	1552CST			0	0			Hail(0.75)
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Dodge County

3 S Beaver Dam	06	1612CST			0	0			Hail(0.75)
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Dodge County

Lowell to Clyman	06	1625CST 1628CST			0	0	1K		Hail(0.75)
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Minor damage to a vehicle.

Fond Du Lac County

5 W Fond Du Lac to Fond Du Lac	06	1627CST 1630CST			0	0			Hail(0.75)
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Dane County

1.7 E Mc Farland	06	1630CST			0	0			Hail(0.75)
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Fond Du Lac County

Fond Du Lac	06	1630CST			0	0			Hail(0.75)
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Dane County

.4 E Waunakee	06	1648CST			0	0			Hail(0.75)
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Dane County

Waunakee	06	1649CST			0	0			Heavy Rain
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Dane County

4 NE Madison to 5 NNE Madison	06	1702CST 1710CST			0	0			Hail(0.75)
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Dodge County

1 NE Watertown	06	1715CST			0	0	1K		Hail(0.75)
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Hail accumulated to cover the ground white. Minor damage to a vehicle.

Dane County

4 E Mc Farland	06	1730CST			0	0			Hail(0.75)
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Dane County

Stoughton	06	1740CST			0	0			Hail(0.88)
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Waukesha County

Oconomowoc	06	1743CST			0	0			Hail(0.75)
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Waukesha County

1 S Dousman	06	1800CST			0	0			Hail(0.88)
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Dane County

2 ENE Albion	06	1814CST			0	0			Hail(0.88)
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Waukesha County

North Prairie	06	1815CST			0	0			Hail(1.00)
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Waukesha County

Mukwonago	06	1820CST			0	0			Hail(0.88)
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Jefferson County

1.5 N Busseyville	06	1828CST			0	0			Hail(0.75)
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Jefferson County

Waterloo	06	1910CST			0	0			Hail(0.88)
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Storm Data and Unusual Weather Phenomena

May 2005

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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WISCONSIN, Southeast

Jefferson County

1 N Lake Mills	06	1942CST			0	0			Hail(1.00)
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Scattered, severe thunderstorms affected parts of south-central and southeast Wisconsin with large hail on the order of 3/4 to 1-inch diameter hail, powerful downburst winds, and locally heavy rains. In addition, a weak tornado was observed northwest of Pipe over Lake Winnebago in Fond du Lac County. Hail caused one thousand dollars in damage to a vehicle in the central part of Dodge County, and fell long enough to cover the ground white at a location 1 mile northeast of Watertown in Dodge county. The storms also produced locally heavy rains as they moved southeast. Urban flooding was reported in Waunakee (Dane Co.) at 549 PM CDT due to heavy rainfall rates of 1 to 2 inches per hour resulting in "water over the curb." High pressure in the Ohio Valley helped to push maximum temperatures into the lower 70s and dew points into the lower 50s on southwesterly winds on May 6. A cold front approaching south-central and southeast Wisconsin from the north-northwest interacted with the marginally warm and humid airmass to produce the thunderstorms.

Dodge County

Richwood	09	1308CST			0	0			Hail(1.00)
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Green County

Brodhead	19	1336CST			0	0	0.50K		Hail(1.25)
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A windshield was broken.

Rock County

1 S Evansville	19	1336CST			0	0			Funnel Cloud
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Rock County

Footville	19	1346CST			0	0			Hail(0.75)
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Dane County

1 SE Madison	19	1405CST			0	0			Funnel Cloud
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Rock County

2 NW Afton	19	1405CST			0	0			Hail(1.25)
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Rock County

Janesville	19	1405CST			0	0			Hail(0.88)
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Rock County

Afton	19	1410CST			0	0			Hail(0.75)
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Rock County

1 S Janesville	19	1415CST			0	0			Hail(0.88)
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Rock County

2 SW Janesville	19	1420CST			0	0			Hail(1.00)
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Columbia County

2 W Portage	19	1428CST			0	0			Hail(0.75)
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Columbia County

2 S Portage	19	1440CST			0	0			Hail(1.00)
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Rock County

9 WNW Beloit	19	1441CST			0	0			Hail(1.00)
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Jefferson County

Waterloo	19	1500CST			0	0			Hail(0.75)
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Rock County

Beloit	19	1500CST			0	0			Hail(1.75)
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Walworth County

1.5 SW Delavan	19	1500CST			0	0			Funnel Cloud
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Dane County

5 SW Madison	19	1505CST			0	0			Hail(0.88)
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Dodge County

3 W Richwood	19	1620CST			0	0			Hail(1.00)
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Jefferson County

1 S Busseyville	19	1658CST			0	0	10K		Thunderstorm Wind (G61)
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Storm Data and Unusual Weather Phenomena

May 2005

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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WISCONSIN, Southeast

Powerlines down.

Scattered thunderstorms pulsed to severe limits across south-central and southeast Wisconsin along and ahead of a cold front. Large hail [3/4 inch to 1.75 inch in diameter(golfball size)], damaging downburst winds, and some funnel clouds were produced. Hail up to 1.25 inch in diameter fell in Brodhead (Green Co.), resulting in 500 dollars of damage to a vehicle's windshield. Power-lines were brought down by tree debris near Busseyville. A frontal boundary stretched from central Minnesota through southern Wisconsin to northern Indiana during the afternoon of May 19. Temperatures were in the mid 40s across northeast Wisconsin, while places across central Illinois recorded temperatures in the low to mid 80s. As a low pressure system traveled along this front, scattered thunderstorms developed over southern Wisconsin., as a result of the strong temperature contrast during the early to mid afternoon. , and a few funnel clouds.

Walworth County

2 S Tibbet

27 1725CST 0 0 20K Thunderstorm Wind (G43)

A wide band of showers with embedded non-severe thunderstorms moved east at 40 mph across southeast Wisconsin. One thunderstorm south of Tibbet generated estimated gusts to about 43 knots (50 mph) that toppled an old tree onto two cars.

WISCONSIN, Southwest

WIZ044

Adams

05 1230CST 0 0 1M Wildfire
06 0330CST

A grass fire quickly got out of control and eventually burned 3,870 acres in northern Adams County. The fire started 4 miles south-southeast of Big Flats and spread northeastward a distance of approximately seven miles. There were 30 homes lost in the fire, as well as 60 other structures and an unknown number of vehicles. The fire also destroyed a considerable amount of timber. No injuries or deaths were reported.

La Crosse County

La Crosse Muni Arpt

26 1611CST 0 0 Thunderstorm Wind (G51)

As a line of showers moved through, a wind gust of 60 mph was recorded at the La Crosse Municipal Airport.

Vernon County

Westby

29 1415CST 0 0 Funnel Cloud

La Crosse County

Middle Ridge

29 1825CST 0 0 Funnel Cloud

Funnel clouds were reported by the public, although none touched down.

WISCONSIN, West

WYOMING, Central and West

Big Horn County

5 NW Manderson

09 1615MST 0 0 Hail(0.75)

Fremont County

Kinnear

10 1458MST 0 0 Hail(0.75)

Hot Springs County

5 N Thermopolis

31 1535MST 0 0 Hail(0.75)

WYOMING, Extreme Southwest

WYOMING, North Central

Sheridan County

Sheridan

07 0600MST 0 0 Heavy Rain

Storm Data and Unusual Weather Phenomena

May 2005

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, North Central

2.52 inches of rain in Dayton (24 hour total)

WYZ098

Northeast Bighorn Mountains

08 0000MST

0 0

Heavy Snow

19 inches of snow 18SE Burgess Junction (Dome Lake Snotel 15-hour total)

Sheridan County

Sheridan Arprt

08 0600MST

0 0

Heavy Rain

3.39 inches of rain in Story (24 hour total)

WYZ099

Sheridan Foothills

08 0639MST

0 0

Flood

Water ran across 5th avenue on the west side of town. Water also filled parking lots.

WYZ098

Northeast Bighorn Mountains

07 1800MST

0 0

Heavy Snow

21 inches of snow 7ESE Burgess Junction (Sucker Creek Snotel 12-hour total)

WYZ099

Sheridan Foothills

07 2155MST

0 0

Flood

Early Creek and irrigation ditches flooded near Ranchester, as well as, basements flooded in Ranchester.

Sheridan County

Ranchester

07 2300MST

0 0

Heavy Rain

3.66 inches of rain fell in Ranchester

Sheridan County

5 NE Ranchester

07 2300MST

0 0

Heavy Rain

4.0 inches of rain fell 5NE Ranchester

Sheridan County

Sheridan

07 2300MST

0 0

Heavy Rain

2.45 inches of rain fell in 14 hours in Sheridan

WYZ099

Sheridan Foothills

11 0335MST

0 0

Flood

0845MST

Bridge washed out 25ESE Sheridan on County Road 161 west of Ulm; Big Goose Creek flooded out of its banks; Massive flooding occurred 5S Sheridan on U.S. Highway 87 between Sheridan and Big Horn. Water was up to many homes in this area; Water up to car doors at the 2000 block of Main Street; Long Drive in Sheridan under four feet of water near the hospital. Numerous cars were stalled in the high water

WYZ098

Northeast Bighorn Mountains

11 0900MST

0 0

Heavy Snow

1500MST

10 inches of snow 20SW Sheridan (Dome Lake Snotel 24-hour total, 13 inch storm total); 10 inches of snow 7ESE Burgess Junction (24-hour total, 15 inch storm total)

WYZ099-099

Sheridan Foothills

12 0300MST

0 0

Heavy Snow

6 inches in Story (24-hour total)

Sheridan County

Sheridan

12 0500MST

0 0

Heavy Rain

3.45 inches of rain in Sheridan

Sheridan County

7 SW Sheridan

12 0700MST

0 0

Heavy Rain

3.92 inches of rain 7SW Sheridan (Storm Total Precipitation, 2.75 inches in 24 hours)

WYOMING, Northeast

WYZ054>057-071

Northern Campbell - South Campbell - Western Crook - Wyoming Black Hills - Northeastern Crook

11 1000MST

0 0 0 0

Winter Storm

12 0500MST

A strong late spring storm developed across the Central Rockies and moved across the Northern Plains. The storm brought heavy snow to much of Campbell County and northern portions of Crook County. Rain gradually changed to snow across the area during

Storm Data and Unusual Weather Phenomena

May 2005

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

WYOMING, Northeast

the midday hours and increased in intensity by evening. Snowfall amounts of 6 to 12 inches fell north of a line from west of Wright to Gillette to Sundance, with lesser amounts to the south. The heavy wet snow downed many tree limbs and caused some power outages.

WYOMING, Southeast

Albany County

9 ESE Laramie	10	1608MST 1611MST			0	0			Hail(0.75)
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Laramie County

2 SSE Cheyenne	10	2022MST 2025MST			0	0			Hail(0.75)
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Laramie County

10 E Cheyenne	10	2055MST 2059MST			0	0			Hail(0.88)
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Laramie County

18 E Cheyenne to 20 E Cheyenne	10	2105MST 2118MST			0	0			Hail(0.75)
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WYZ067-069

Platte - Cheyenne Foothills

17		1100MST 1700MST			0	0			High Wind (G64)
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Strong winds blew for a short time over extreme southeast Wyoming behind a cold front. Gusts to 74 mph were recorded south of Wheatland, WY, with a gust of 64 mph at Cheyenne, WY.

Laramie County

12 W Albin to 9 W Albin	22	1548MST 1555MST			0	0			Hail(1.00)
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3/4 to 1 inch diameter hail reported.

Goshen County

4 E Yoder	23	1810MST 1813MST			0	0			Hail(0.75)
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