

APRIL 2003
VOLUME 45
NUMBER 4

STORM DATA



AND UNUSUAL WEATHER PHENOMENA
WITH LATE REPORTS AND CORRECTIONS



noaa

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

Cover: A major ice storm affected most of southern and eastern Michigan from April 3 to April 5 as sleet and freezing rain reports were common. Most ice accumulations occurred on elevated surfaces, such as trees and powerlines. Extensive tree damage and power outages occurred. Total damage estimates are in excess of \$160 million dollars. (Photo courtesy and ©2003: Larry Sobczak, Romeo Observer, Romeo, MI; photo used with permission.)

TABLE OF CONTENTS

	Page
Outstanding Storm of the Month	4
Storm Data and Unusual Weather Phenomena	5
Reference Notes	247

STORM DATA

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

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Note: "None Reported" means that no severe weather occurred and "Not Received" means that no reports were received for this region at the time of printing.

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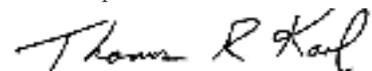
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The editor of **STORM DATA** solicit your help in acquiring photographs (prints or slides; black and white, or color), maps, clippings, etc. of significant or severe weather events (past or present) for use in the "Outstanding Storms of the Month" section of **STORM DATA**. We request our subscribers or other interested persons to mail such items to:

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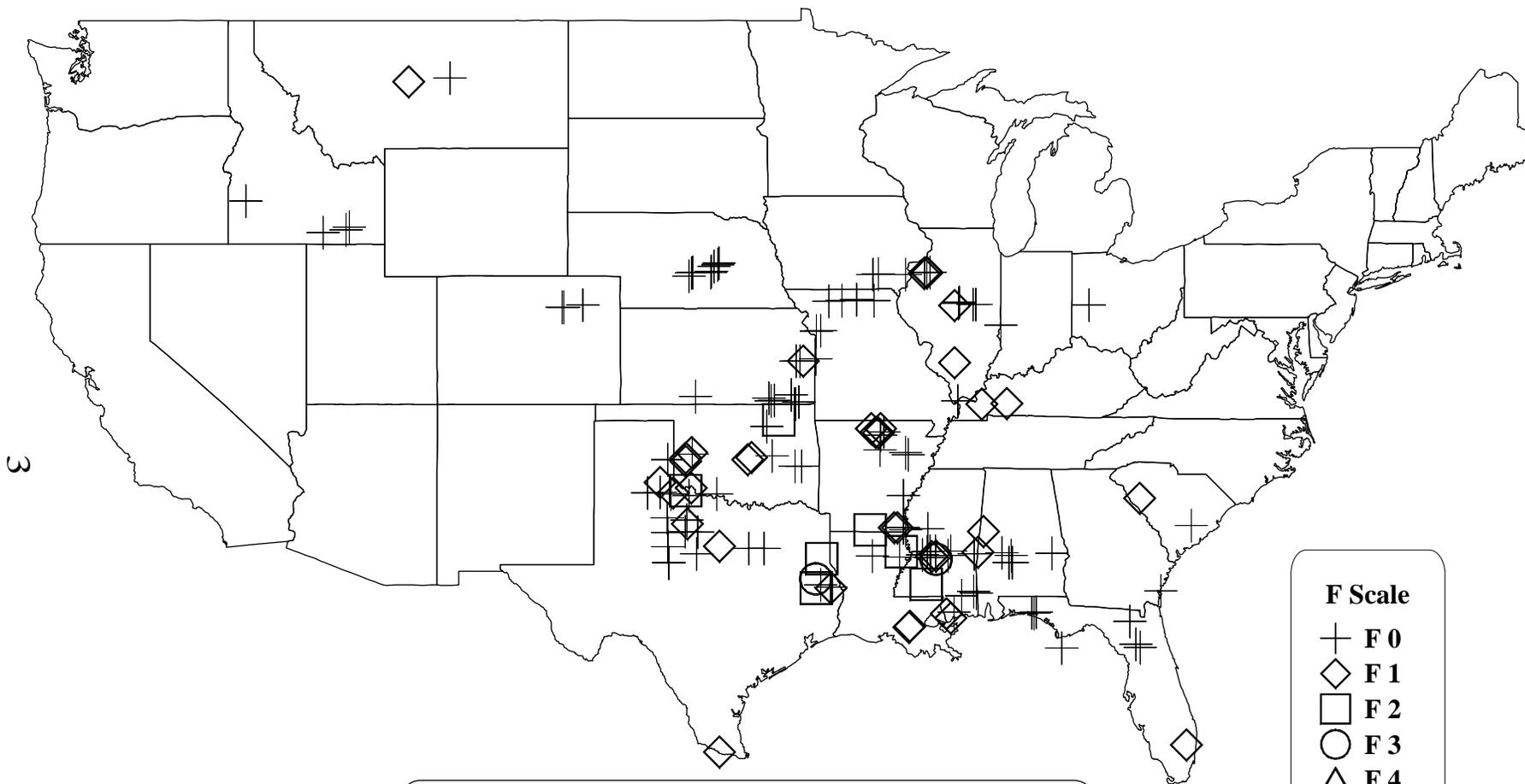
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Thomas R. Karl
Director,
National Climatic Data Center

April 2003 Confirmed Tornadoes



3

F Scale	F0	F1	F2	F3	F4	F5	Total
Number	108	37	7	2	0	0	154

F Scale

- + F0
- ◇ F1
- F2
- F3
- △ F4
- ⊠ F5

OUTSTANDING STORMS OF THE MONTH

**THERE IS NO
“OUTSTANDING STORM OF THE MONTH”
FOR THE MONTH OF APRIL 2003.**

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of		Estimated		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, Central									
Barbour County									
3 NW Louisville to 4 SW Bakerhill	05	1647CST 1737CST			0	0	8K	0	Hail (1.25)
A severe thunderstorm dumped a swath of large hail over a 15 mile area in Barbour County. The hail fell from near Louisville to near Bakerhill with the largest pieces as big as half dollars.									
Pike County									
11 WNW Troy to 5 W Troy	05	1657CST 1717CST			0	0	0	0	Hail (1.00)
Nickel to quarter size hail was reported west and northwest of Troy.									
Sumter County									
9.8 N Cuba to 9.1 E Livingston	06	1440CST 1535CST			0	0	13K	0	Hail (1.75)
A rotating thunderstorm, known as a supercell, produced penny to golf ball size hail all the way across Sumter and Greene Counties. Several trees were also blown down just northwest of Livingston along CR 12. National Weather Service Doppler radar estimated 1.5 to 2.5 inches of rain across Sumter County. This rain produced some minor urban flooding in the city of Livingston.									
Greene County									
Forkland	06	1529CST			0	0	0	0	Hail (1.00)
The supercell continued into Greene County. It produced dime to quarter size hail across mostly rural areas around Forkland. The supercell dissipated as it entered eastern Greene County.									
Pickens County									
3 S Carrollton	06	1517CST			0	0	3K	0	Thunderstorm Wind (G50)
A few trees were blown down between Carrollton and Aliceville.									
Tuscaloosa County									
10 W Duncanville to Coaling	06	1727CST 1809CST			0	0	23K	0	Thunderstorm Wind (G60)
A supercell thunderstorm moved across parts of southern and eastern Tuscaloosa County and produced damage along its path. A few funnel cloud reports were received in the vicinity of Duncanville. Several trees were blown down along a path from west of Duncanville to south of Brookwood. In Cottondale, a few homes received shingle damage from the storm. Penny size hail was reported in the Coaling area.									
ALZ030									
Sumter									
	07	0000CST 2359CST			0	0	85K	250K	Flood
Widespread rainfall of 4 to 6 inches occurred from the evening of the 6th through the morning hours of the 7th, with locally greater totals reported, especially in parts of the Sucarnoochee basin. The Sucarnoochee River at Livingston rose some 22 feet in 12 hours and eventually crested at 28.79 feet. This produced widespread lowland flooding along the river, with flooding of some residential areas in Southeast Livingston and in the Bellamy area. Twenty five residences were forced to evacuate from the flood waters in Livingston, and 26 residences were evacuated in the Bellamy area. Additionally numerous other homes in these areas were cutoff by flood waters. The combination of flash flooding and river flooding in Sumter county also damaged numerous county and secondary roads.									
Dallas County									
Selma	07	0015CST			0	0	10K	0	Thunderstorm Wind (G55)
A few power lines were blown down around the city of Selma.									
Dallas County									
1 N Tilden to 1.1 NNE Tilden	07	0016CST 0017CST	0.5	50	0	0	1K	0	Tornado (F0)
A small tornado left a half mile path in southern Dallas County in the area just north of Tilden. The tornado crossed SR 41, and damage was confined to downed trees. Beg: 32 04.743/87 08.596 End: 32 04.743/87 08.048									
Dallas County									
4 NNE Minter	07	0027CST			0	0	5K	0	Thunderstorm Wind (G50)
A few trees were blown down on CR 85 just north of Minter.									
Lowndes County									
3 SE Collirene	07	0102CST			0	0	5K	0	Thunderstorm Wind (G55)
A few trees were knocked down along CR 12 between Collirene and Rudolf Hill.									
Lowndes County									
3 SW Hayneville	07	0115CST			0	0	5K	0	Thunderstorm Wind (G50)
A few trees were blown down along SR 21 near the intersection of CR 33.									
Montgomery County									
1.5 SW Snowdown	07	0143CST			0	0	5K	0	Thunderstorm Wind (G50)
A few trees were knocked down along CR 27 near the intersection of CR 23.									

Storm Data and Unusual Weather Phenomena

April 2003

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

ALABAMA, Central

same locations from just before sunrise into the early afternoon hours. Eleven counties were affected by the flooding and one woman was killed in Sumter County. National Weather Service Doppler Radar estimated the event totals from 3 to 8 inches with isolated higher amounts, the heaviest occurring across central Sumter County. A few locations experienced rainfall rates as high as three inches per hour.

Sumter County

Countywide	07	0400CST 0412CST			0	0	20K	0	Thunderstorm Wind (G55)
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Numerous trees were blown down across the southern part of the county around Cuba.

Marengo County

Demopolis	07	0500CST			0	0	2K	0	Thunderstorm Wind (G50)
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A few trees were knocked down in and around Demopolis.

Hale County

6.8 S Whitsitt	07	0517CST			0	0	2K	0	Thunderstorm Wind (G50)
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A few trees were blown down near SR 25 south of Whitsitt.

Dallas County

1.5 NE Marion Jct	07	0602CST	0.1	20	0	0	0	0	Tornado (F0)
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State Troopers and storm spotters witnessed a brief tornado touch down near the intersection of US 80 and CR 45. No damage occurred.

Beg: 32 26.916/87 13.179 End: 32 26.916/87 13.179

Dallas County

Marion Jct	07	0615CST			0	0	0	0	Funnel Cloud
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A funnel cloud was reported near CR 45 and US 80 close to Marion Junction.

Autauga County

8 SE Jones	07	0656CST			0	0	2K	0	Thunderstorm Wind (G50)
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A few trees were blown down along CR 40 in western Autauga County.

Montgomery County

Montgomery	07	0700CST 0740CST			0	0	0	0	Hail (1.00)
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Montgomery County

Montgomery	07	0700CST 0740CST			0	0	35K	0	Thunderstorm Wind (G60)
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Several trees were uprooted and fell on vehicles in downtown Montgomery. Quarter size hail was reported with this storm. Numerous customers were temporarily without power during the storm. A funnel cloud was observed in downtown Montgomery associated with this storm.

Pike County

Brundidge	07	1420CST			0	0	0	0	Hail (0.88)
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Penny to nickel size hail was reported in the city of Brundidge.

ALZ030

Sumter

24		0000CST			0	0	60K	25K	Flood
25		2359CST							

The second event of the month followed widespread rainfall of 3 to 5 inches from the 24th into the 25th and again mainly impacted the Sucarnoochee and Tombigbee basins, but Catoma Creek near Montgomery and the upper Cahaba River at Centreville also went into flood. However, with the exception of the Sucarnoochee where the crest once again approached 28 feet at Livingston, flooding was generally of a minor nature with lowlands along the rivers and streams mainly impacted. In the Livingston and Bellamy areas along the Sucarnoochee, similar to earlier in the month, some residential flooding occurred once again. Livingston reported 20.39 inches of rain for the month ending on the 24th of April.

Blount County

Oneonta	24	1300CST			0	0	2K	0	Lightning
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Lightning struck a tree causing the tree to explode sending debris in a wide circle well over 100 feet from where the strike occurred. Debris punctured an apartment wall and heavily damaged the grill of a parked car. A small rock wall over a culvert close to the tree that was struck was also damaged.

Elmore County

5.4 NE Eclectic	24	1429CST			0	0	2K	0	Thunderstorm Wind (G50)
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A few trees were knocked down near the southern end of Lake Martin.

Macon County

Tuskegee	24	1455CST			0	0	3K	0	Thunderstorm Wind (G55)
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A few trees were blown down in the city of Tuskegee. Additional trees were blown down across the western half of the county.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, Central									
Bullock County									
1.7 NW Mitchell	24	1459CST			0	0	3K	0	Thunderstorm Wind (G55)
	Several trees were blown down along SR 110 near mile marker 17.								
Sumter County									
Countywide	24	2300CST			0	0	25K	0	Flash Flood
	25	0400CST			Numerous roads were flooded across the county.				
ALZ017-024									
Blount - Jefferson									
	25	0200CST			0	0	100K	0	Strong Wind
		0300CST			A wake low or gravity wave produced high winds across Blount and Jefferson Counties. Numerous trees and power lines were blown down. A few trees fell on vehicles and one home received porch damage. At least 30,000 customers were temporarily without power.				
Pickens County									
1.9 NW Dancy	25	1057CST	0.1	50	0	0	100K	0	Tornado (F1)
		1058CST			A landspout, a tornado that forms under a strong updraft of a developing thunderstorm, touched down in extreme southwestern Pickens County. The brief tornado destroyed a mobile home, destroyed a home, and downed a few trees. The damage occurred in the Dancy-Cochrane Community. Many surrounding trees and structures were undamaged. No injuries occurred with this tornado.				
	Beg: 33 01.952/88 18.763 End: 33 01.952/88 18.739								
Greene County									
10.1 NW Clinton to Knoxville	25	1134CST			0	0	3K	0	Hail (1.00)
		1210CST			The first severe, supercell thunderstorm began forming across northern Sumter County and became severe in northern Greene County. This storm produced penny to quarter size hail near Pleasant Ridge, near Union, and near Knoxville. A few trees were also blown down near Union. A rotating wall cloud and funnel cloud were observed at several locations in Greene County associated with this storm.				
Hale County									
4.3 S Moundville to 10.9 E Havana	25	1210CST			0	0	50K	0	Hail (1.50)
		1253CST			The storm then headed into Hale County where it continued producing large hail and damaging winds from near the Black Warrior River to near Payne Lake. In fact, the hail was larger ranging from 3/4 of an inch up to an 1.50 inches. Several trees were also blown down along the path in Hale County. Funnel clouds were reported as the storm moved across the county. The hail may have been larger because a few vehicles were damaged by the large hail.				
Bibb County									
6.4 W Pondville to 4.3 SE Lawley	25	1250CST			0	0	250K	0	Hail (4.50)
		1353CST			The supercell entered Bibb County and continued strengthening. A swath of large hail fell along the entire path. Several locations reported hail covering the ground up to a foot deep. The largest hail was reported from south of Brent to the Randolph and Lawley areas where the hail ranged from ping pong ball to softball size. Many automobiles and homes were damaged. Funnel clouds were reported with the storm and many individuals reported that a roaring sound accompanied the storm.				
Perry County									
11.3 NW Heiberger to 14.5 NE Sprott	25	1256CST			0	0	75K	0	Hail (2.50)
		1342CST			The supercell thunderstorm moved along the Bibb and Perry County line throwing large hail into extreme northern Perry County. Hail ranging from penny size up to the size of lemons was reported. The hail fell from north of North Perry, to north of Heiberger, and into the Talladega National Forest near Oakmulgee.				
Chilton County									
5.5 NW Maplesville to 5.3 E Verbena	25	1342CST			0	0	110K	0	Hail (3.00)
		1430CST			The supercell continued on an almost eastward path through Chilton County. A swath of hail up to 3 inches in diameter was reported. The hail covered the ground in a few locations. The largest hail fell just northwest of Maplesville while most of the remainder of the county experienced hail up to 1.50 inches in diameter. Several trees were also blown down near Clanton and near Maplesville. Funnel clouds and a roaring sound were reported as the storm moved across the county.				
Autauga County									
Marbury	25	1425CST			0	0	60K	0	Hail (1.75)
		1440CST			Golf ball size hail fell across extreme northeast Autauga County.				

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, Central									
Coosa County									
17.5 SW Rockford	25	1427CST			0	0	8K	0	Thunderstorm Wind (G60)
Several trees were blown down across southwestern Coosa County. This damage was produced by the forward flank downdraft associated with the supercell.									
Elmore County									
4.5 W Titus to Tallassee	25	1440CST 1534CST			0	0	600K	0	Thunderstorm Wind (G60)
The supercell remained very strong over Elmore County. A large swath of wind and hail damage occurred across the county. Numerous trees were blown down from near Titus to near Tallassee. Hail was observed up to 2.50 inches in diameter. Funnel clouds and a roaring sound accompanied the storm.									
Tallapoosa County									
1.2 NW Carrville to Reeltown	25	1523CST 1549CST			0	0	120K	0	Thunderstorm Wind (G60)
The second supercell merged with the original supercell at this time across southern Tallapoosa County. This re-energized the storm considerably. Damaging winds associated with this transformed supercell moved across extreme southern Tallapoosa County. Numerous trees were blown down from near Lake Martin to near Reeltown. Hail up to 2.00 inches in diameter accompanied the storm.									
Elmore County									
3.6 NW Tallassee to 3 NW Tallassee	25	1524CST 1526CST	0.6	50	0	0	45K	0	Tornado (F0)
A small tornado touched down northwest of Tallassee and crossed SR 14 on a east-southeast path. The weak tornado downed trees and caused minor roof damage to several residential structures.									
Macon County									
6.7 W Notasulga to Society Hill	25	1542CST 1617CST			0	0	85K	0	Hail (2.75)
The supercell continued producing very large hail in a swath that covered the northern part of Macon County. Hail up to baseball size fell near Notasulga. Numerous automobiles and homes were damaged. A few trees were also blown down along the path.									
Lee County									
3.9 SW Loachapoka to 11.8 SSE Opelika	25	1556CST 1622CST			0	0	250K	0	Hail (2.75)
The long track, steady state supercell maintained its fairly slow track east southeast across southern Lee County. Hail was reported up to baseball size near Beauregard. Several automobiles and homes were damaged. A few trees were also blown down along the path.									
Russell County									
14.8 W Phenix City to 3.9 S Phenix City	25	1622CST 1706CST			0	0	80K	0	Hail (2.00)
The supercell finished its wrath across Alabama as it exited into Georgia. Russell County received hail slightly larger than golf balls. On this day, several steady state, rotating thunderstorms, referred to as supercells, cut swaths of damage through Alabama. The first storm affected 12 counties dropping hail from penny to softball size. Numerous homes and automobiles were damaged by the large hail. Damaging winds also accompanied the storm. Many trees were snapped off, uprooted, or blown down along the path. Several homes were damaged from the falling trees. Supercell 2 merged with Supercell 1 across southern Tallapoosa County. Although there were no reports of injuries, several hundred thousand dollars of damage occurred. Several supercell thunderstorms affected Alabama on this day. This storm was not the only supercell to cause damage, but it was one of the most costly storms of the day.									
Greene County									
7 WSW Eutaw to 4 E Eutaw	25	1220CST 1237CST			0	0	0	0	Hail (0.75)
The second supercell of the day developed across western Greene County and became severe as it neared Eutaw. The storm began producing penny size hail as it approached Eutaw and produced hail all the way to the Black Warrior River. A few trees were also blown down.									
Hale County									
3.8 W Akron to 11.7 SE Havana	25	1240CST 1330CST			0	0	45K	0	Hail (1.75)
Penny to golf ball size hail fell along the path of the storm. Several trees were also blown down near Akron. A few vehicles were damaged by the hail.									
Perry County									
8.8 NW Heiberger to 12.4 ENE Sprott	25	1323CST 1407CST			0	0	5K	0	Hail (1.25)
The second supercell thunderstorm to affect Perry County within an hour followed a path only slightly south of the first storm. Many locations reported twice. Penny to half dollar size hail was reported along the path of this storm. The hail may have been larger but fell in a sparsely populated areas in northern Perry County.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, Central									
Chilton County									
8.7 NW Maplesville to 3 S Verbena	25	1400CST 1453CST			0	0	65K	0	Hail (1.25)
The severe thunderstorm continued across southern Chilton County. Several trees were blown down along the path. Hail was observed up to 1.25 inches in diameter, but could have been larger. Many locations reported that the ground was totally covered by hail.									
Bibb County									
Randolph	25	1405CST			0	0	0	0	Hail (0.75)
Penny size hail was reported in the Randolph and Lawley area. The hail was being thrown out of the storm occurring just to the south.									
Autauga County									
4.7 NE Billingsley to 3.9 NE Pine Level	25	1440CST 1500CST			0	0	0	0	Hail (1.00)
Supercell 2 continued on the heels of supercell 1, although it was much weaker. The storm produced penny to quarter size hail as it moved across northeast Autauga County. The hail may have been larger in rural areas.									
Elmore County									
3 N Deatsville to Tallassee	25	1500CST 1536CST			0	0	500K	0	Hail (2.00)
Supercell 2 was nearing the end of its lifecycle as it began merging with supercell 1 near Tallassee. Before this merger process, the storm produced a hail swath across central Elmore County from near Deatsville to near Tallassee. The hail size ranged from penny size to slightly larger than golf balls. Many locations reported that the hail was completely covering the ground. Supercell 2 developed on the heels of Supercell 1 but offset slightly south. Some locations reported hail twice in a 30 minute period. Supercell 2 affected seven counties across central Alabama before merging with Supercell 1 over extreme eastern Elmore and southern Tallapoosa counties. Several trees were blown down along the path of the storm. Hail ranged in size from penny to slightly larger than golf ball. Many locations sustained hail damage and hail completely covered the ground many places.									
Greene County									
4.9 SE Forkland to 8.9 SE Forkland	25	1325CST 1330CST	4.2	50	0	0	100K	0	Tornado (F0)
Hale County									
4.6 W Cedarville to 4.4 W Cedarville	25	1330CST	0.2	50	0	0	3K	0	Tornado (F0)
A tornado touched down near the Greene County Power Plant. The tornado moved across the power plant facility and crossed the Black Warrior into Hale County. Numerous trees were blown down along the path with the most extensive damage occurring right along the river. One mobile home was destroyed by a falling tree. One church had shingle damage to its roof. No injuries occurred. Beg: 32 36.230/87 49.016 End: 32 36.373/87 44.662									
Hale County									
4 NW Cedarville to Newbern	25	1340CST 1400CST			0	0	35K	0	Hail (1.75)
Supercell 3 produced a weak tornado at its initiation then strengthened as it entered south central Hale County. A swath of penny to golf ball size hail was produced along the path from near Cedarville to near Newburn. The hail may have been larger but fell over mostly rural farming country. A few automobiles and homes were damaged. Several trees were also blown down near Newburn.									
Perry County									
12.4 W Marion to 5.2 E Suttle	25	1355CST 1445CST			0	0	8K	0	Hail (1.50)
A swath of hail fell across central Perry County associated with supercell 3. Hail was reported from penny size to ping pong ball size. A few locations observed minor accumulations of the hail. The hail may have been larger in the rural areas and was therefore not observed.									
Dallas County									
7 W Summerfield to 1 S Burnsville	25	1436CST 1505CST			0	0	85K	0	Hail (2.50)
Supercell 3 produced a swath of large hail across extreme northern Dallas County. Hail sizes varied widely and ranged from penny to tennis ball size. The largest hail reports came from areas just north and northwest of Selma.									
Autauga County									
4.5 S Jones to Prattville	25	1455CST 1546CST			0	0	2.5M	0	Hail (4.50)
Supercell 3 continued on its east southeast motion and moved across a large part of Autauga County. A large swath of golf ball size hail occurred and affected locations including Jones, Autaugaville, Booth, Independence, and Prattville. The largest hail observed was softball size. Significant hail damage occurred. Numerous automobiles and homes were damaged by the hail.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, Central									
Autauga County									
7.7 WNW Prattville to .9 WSW Prattville	25	1523CST 1533CST			0	3	1M	0	Thunderstorm Wind (G70)
									Supercell 3 also produced an area of significant wind damage from just west of Prattville to Prattville along and just south of US 82. Numerous trees were down beginning in a wooded area west of CR 3 south of US 82. Reports indicated damage to structures (houses and mobile homes) along US 82 on the west side of Prattville to near the river on Maple Street. Three injuries were reported and these may have occurred as residents were crawling out of damaged structures.
Elmore County									
Millbrook	25	1539CST 1550CST			0	0	50K	0	Hail (2.75)
									The supercell thunderstorm remained very strong as it moved across extreme southwest Elmore County. Hail up to the size of baseballs fell across the area generally the southern side of Millbrook down to the Alabama River. Several automobiles were damaged.
Montgomery County									
2.2 N Montgomery to 4.4 NE Mathews	25	1549CST 1620CST			0	0	100K	0	Hail (2.75)
									The storm continued moving east southeast and crossed northern Montgomery County. A swath of hail fell from northern Montgomery to near Mathews. Hail was reported up to baseball size along the path. A three story building along Interstate 85 received minor roof damage. A few trees were also blown down.
Macon County									
5.4 W Shorter to 4.3 SE Creek Stand	25	1613CST 1710CST			0	0	50K	0	Hail (1.75)
									The hail storm moved across much of western and southern Macon County. Hail up to the size of golf balls was reported along the path. The hail may have been larger in surrounding rural areas.
Russell County									
Hurtsboro to 7.8 SE Pittsview	25	1705CST 1745CST			0	0	35K	0	Hail (1.75)
									The supercell continued dropping golf ball size hail and eventually moved into Georgia. Supercell 3 formed over extreme southern Greene County just east of Forkland. The storm started off by producing a weak tornado that moved through by Greene County Steam Plant and crossed the Black Warrior River ending just inside Hale County. The supercell continued strengthening and produced a swath of wind and hail damage along its path. Hail sizes ranged from penny to softball size. Significant wind and hail damage occurred from Autaugaville to Prattville to Montgomery. Several funnel cloud reports were received with the storm. The supercell moved across Russell County and eventually moved into Georgia.
Perry County									
Vaiden to 3 S Suttle	25	1448CST 1508CST			0	0	18K	0	Hail (1.25)
									Supercell 4 became severe across extreme southern Perry County. Hail up to half dollar size was reported along the path.
Dallas County									
11 NW Selma to 11 NE Selma	25	1506CST 1528CST			0	0	35K	0	Hail (2.50)
									Hail up to the size of tennis balls was reported as the storm crossed far northern Dallas County.
Autauga County									
5 S Jones to Prattville	25	1523CST 1608CST			0	0	55K	0	Hail (1.75)
									Hail as large as golf balls were reported as the supercell followed the almost identical path as the supercell 20 minutes before. Supercell 4 was a right member of a splitting thunderstorm over southern Sumter County. The supercell split several times during its evolution. This supercell followed almost the same path a Supercell 3 and this fact eventually led to its demise. The storm did not become severe until it reached southern Perry County. The storm produced hail up to tennis ball size before weakening across northern Montgomery and Macon counties.
Hale County									
7 S Newbern	25	1452CST			0	0	0	0	Hail (0.75)
									Penny size hail fell across extreme southeast Hale County near the Marengo and Perry county lines.
Marengo County									
3 NE Faunsdale	25	1452CST			0	0	0	0	Hail (0.75)
									Penny size hail was observed just northeast of Faunsdale along the Hale and Perry county lines.
Perry County									
Uniontown	25	1455CST 1502CST			0	0	0	0	Hail (0.88)
									Nickel size hail was reported in and around Uniontown. The hail may have been much larger in surrounding rural areas. Supercell 5 developed across extreme northwest Marengo County and quickly became severe in the vicinity of the Hale, Marengo, and Perry county lines. Supercell 5 was similar to Supercell 4 in the fact that it, too, was a right member of a splitting thunderstorm. The storm only produced hail up to the size of nickels, although the hail may have been larger in surrounding rural areas. The storm became

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, Central									
outflow dominated over northern Dallas County and weakened considerably. No more severe weather was reported with this storm.									
Cherokee County									
1.8 E Spring Garden to 8.7 NE Spring Garden	25	1518CST 1530CST			0	0	0	0	Hail (1.00)
Penny to quarter size hail was reported across extreme southeast Cherokee County. The hail affected the communities of Spring Garden, Pleasant Gap, Rock Run, and Bluffton. The hail may have been larger in surrounding rural areas.									
Jefferson County									
Argo	25	1528CST			0	0	0	0	Hail (0.75)
Penny size hail was reported in Argo.									
St. Clair County									
1.9 W Margaret	25	1529CST			0	0	0	0	Hail (0.75)
Penny size hail was observed west of Margaret around Argo.									
Dallas County									
2 N Orrville to 12.5 SE Selma	25	1554CST 1638CST			0	0	0	0	Hail (1.00)
Supercell 6 became severe across western Dallas County near Orrville and dropped a swath of hail to near the Dallas and Lowndes County line. Hail up to the size of quarters was reported. The hail may have been much larger, but the storm moved across very rural areas.									
Lowndes County									
2 N White Hall to 8.1 NE Lowndesboro	25	1640CST 1702CST			0	0	0	0	Hail (1.00)
Supercell 6 continued across the rural terrain of northern Lowndes County. The largest hail size reported was quarters. This storm also produced small hail across southern Autauga County from pea to dime size around Autaugaville.									
Montgomery County									
10.7 W Montgomery to Mt Meigs	25	1701CST 1730CST			0	0	0	0	Hail (1.00)
Nickel to quarter size hail was reported as the supercell moved across the Montgomery metropolitan area. Supercell 6 dissipated across eastern Montgomery County and was no longer severe. Supercell 6 was very similar in structure to Supercell 5. Supercell 6 developed across southern Sumter County. Supercell 6 was the right member of a splitting thunderstorm and underwent several splits during its life cycle. This storm tracked just south of the general track of the previous 5 supercells. This supercell became severe across western Dallas County and produced quarter size hail through the city of Montgomery. The storm weakened and was no longer severe across extreme eastern Montgomery County, but the remnants merged with Supercell 7 to form a line of thunderstorms.									
Cherokee County									
Sand Rock to Gaylesville	25	1605CST 1630CST			0	0	8K	0	Hail (1.75)
Nickel to golf ball size hail was reported from around Sand Rock to near Cedar Bluff.									
Marengo County									
14.8 W Dixons Mills to 9.6 E Dixons Mills	25	1622CST 1725CST			0	0	26K	0	Hail (1.75)
Supercell 8 briefly moved across extreme southern Marengo County before it moved into NWS Mobile's area of responsibility. As the storm crossed Marengo County, it split into two storms before the left member dissipated and the right member moved out of the area. Hail up to the size of golf balls fell along the path of the storm in extreme southern Marengo County. Several trees were blown down near US 43 in Dixons Mill.									
Dallas County									
3.5 E Safford to 15.7 SE Selma	25	1623CST 1655CST			0	0	0	0	Hail (1.00)
Hail up to the size of quarters was reported with this supercell as it traversed mostly rural areas of Dallas County. The hail may have been larger but was not observed.									
Lowndes County									
11.9 SW Lowndesboro to 4.3 E Letohatchee	25	1655CST 1734CST			0	0	20K	0	Hail (1.00)
Penny to quarter size hail fell along the path of the storm through Lowndes County. Several trees were blown down near the Davenport Community.									
Dallas County									
1 W Selma	25	1705CST			0	0	5K	0	Hail (1.75)
Golf ball size hail was reported with the left split member of Supercell 7 near Selma. This storm quickly dissipated across western Autauga County and may have produced additional hail but no reports were received. Supercell 7 developed across northern Marengo County and became severe as it entered western Dallas County. This supercell produced quarter size hail along most of its path and knocked several trees down near the Davenport Community. Supercell 6 and Supercell 7 conglomerated across south and east Montgomery County and became a line of thunderstorms.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ALABAMA, Central</u>									
Bullock County									
10 NW Perote	25	1929CST			0	0	0	0	Hail (0.75)
Penny size hail was reported along the Bullock and Pike County line west northwest of the Perote Community.									
Pike County									
12 NE Troy	25	1929CST			0	0	0	0	Hail (0.75)
Penny size hail fell along the Pike and Bullock County line north of the Linwood Community.									
Pike County									
Troy	25	1935CST			0	0	0	0	Hail (0.75)
Penny size hail was reported by a motorists traveling along US 231 near Troy.									
Barbour County									
Eufaula	25	1948CST			0	0	0	0	Hail (0.88)
Nickel size hail was observed just south of Eufaula.									
Etowah County									
Gadsden to 4 N Hokes Bluff	30	1604CST 1627CST			0	0	27K	0	Thunderstorm Wind (G60)
Several trees and power lines were blown down from the city of Gadsden to the Coates Bend area. A few traffic lights were also blown down. At least 500 customers were temporarily without power.									
<u>ALABAMA, North</u>									
Marshall County									
Guntersville	25	1605CST			0	0			Hail (1.00)
Quarter size hail reported.									
Marshall County									
Albertville	25	1615CST			0	0			Hail (1.00)
Quarter size hail reported by WAVU/WQSB radio station.									
Dekalb County									
Dawson	25	1630CST			0	0			Thunderstorm Wind (G60)
Large tree and few power lines down. Reported by Marshall/De Kalb Electric Co-op.									
Dekalb County									
Crossville	25	1645CST			0	0			Hail (0.88)
Nickel size hail reported.									
Dekalb County									
3 N Crossville	25	1700CST			0	0			Hail (1.75)
Golf ball size hail reported.									
Jackson County									
Bridgeport	25	1925CST			0	0			Hail (0.88)
Nickel size hail reported.									
<u>ALABAMA, Southeast</u>									
Dale County									
Ozark	25	2300EST			0	0	20K		Thunderstorm Wind (G50)
A convenience store was damaged. Reported by the Dale County EMA.									
<u>ALABAMA, Southwest</u>									
Covington County									
Rose Hill	05	1840CST 1841CST			0	0			Hail (0.75)
Choctaw County									
Hodgewood	06	2208CST 2209CST			0	0	5K		Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees near Hodgewood.									
Wilcox County									
Millers Ferry	07	0010CST 0011CST	0.1	20	0	0	10K		Tornado (F0)
A weak tornado briefly touched down near Millers Ferry. The tornado blew down several trees and damaged a large storage building.									
Covington County									
8 SW Libertyville	07	1445CST 1447CST			0	0	5K		Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees along U. S. Highway 29 near Pleasant Home.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, Southwest									
Covington County									
Andalusia	07	1500CST			0	0	15K		Lightning
Lightning struck a work shed behind a home and it caught on fire. The shed was totally destroyed by the time the fire department arrived.									
Baldwin County									
Central Portion	07	1630CST 1730CST			0	0			Flash Flood
Heavy rains from slow moving thunderstorms caused water to pond on several streets across the central part of the county. Several streets around the Bay Minette area had to be closed for about an hour due to high water. The water quickly drained when the thunderstorms moved out of the area. Rainfall estimates were between three and five inches across the area.									
Mobile County									
Dauphin Is	17	1300CST			1	0			Rip Current
A local male drowned while rescuing his two sons who got into trouble in rough water near the west end of Dauphin Island. The two kids were swimming when the current started carrying them out into the Gulf. The father jumped into the current and was able to get his two kids into shallow water but he collapsed and drowned. Rescuers were not able to resuscitate him. M361W									
Escambia County									
Flomaton	25	0410CST 0411CST			0	0	15K		Thunderstorm Wind (G50)
High winds from a thunderstorm blew down a couple of trees near Flomaton. One of the trees fell on a trailer and temporarily trapped two people inside. They were able to get out of the home and were not injured.									
Choctaw County									
Pennington	25	1555CST 1557CST			0	0			Hail (0.75)
Choctaw County									
Butler	25	1600CST 1602CST			0	0			Hail (1.00)
Choctaw County									
Ararat	25	1615CST 1616CST			0	0	5K		Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees near Ararat.									
Wilcox County									
Catherine	25	1655CST 1656CST			0	0	5K		Thunderstorm Wind (G50)
Several trees were blown down by high winds from a thunderstorm near Catherine.									
Washington County									
Fruitdale	25	1705CST 1707CST			0	0	10K		Hail (1.75)
Golf ball size hail fell from a thunderstorm near Fruitdale. The large hail damaged several vehicles and broke several windshields. The hail also damaged some roofs in the area.									
Washington County									
Tibbie	25	1715CST 1717CST			0	0			Hail (1.00)
Mobile County									
Citronelle	25	1800CST 1802CST			0	0			Hail (0.75)
Mobile County									
Citronelle	25	1815CST 1820CST			0	0	5K		Hail (1.75)
Hail up to the size of golf balls was reported near Citronelle. Some of the large hail damaged several vehicles. The large hail also damaged several homeowners roofs. A few trees were also blown down.									
Butler County									
Forest Home	25	1825CST 1827CST			0	0			Hail (0.75)
Escambia County									
Atmore	25	1830CST 1832CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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

AKZ222

an estimate. Event continued into May.

Middle Tanana Valley

28	0700AST				0	0			Flood
29	0900AST								

An Ice Jam Flood occurred on the Lower Chatanika River near the Elliott Highway Bridge. This created minor flooding of the Whitefish Campground maintained by the State of Alaska.

ALASKA, Southeast

AKZ028

Dixon Entrance To Cape Decision-Coastal Area

06	1225AST				0	0			High Wind (G59)
	1305AST								

A front moving up from the southwest lifted through the southern Panhandle on the morning of April 6. This front was rotating around a 972mb Low that was located in the North Pacific (near 53degN, 149degW). As this front swept through, a low level jet surfaced advisory criteria winds (equal or greater than 40 knots). In Hydaburg, along the southwest coast of Prince of Wales Island, a rouge wind gust to 59 knots (68 mph) was recorded. No damage nor injuries were reported.

ALASKA, Southern

AKZ191

Western Aleutians

14	0200AST				0	0			High Wind (G78)
	1700AST								

Strong winds, gusting near 97 mph, were recorded at Adak between 5 am and 6 am AST Monday. Strong winds were observed on the back side of a 985 mb low that tracked from north of Shemya toward Saint Matthew Island. Winds at Shemya peaked near 70 mph, while close to 75 mph gusts were observed at Atka between 11 am and noon Monday.

AKZ185

Eastern Aleutians

19	0900AST				0	0			High Wind (G65)
	1600AST								

A strong front passing through Unalaska/Dutch Harbor brought wind gusts of around 75 mph to the area.

AKZ191

Western Aleutians

23	0900AST				0	0			High Wind (G69)
	1200AST								

Intense low in the Bering Sea just northwest of Saint Paul Island moved across the Aleutian Chain early Wednesday. Strong winds westerly winds were observed on the back side of the low. Highest wind gusts reported reached 80 mph at a ship near one of the islands. Winds at Adak reached 69 mph and near 60 mph at Shemya.

AKZ191

Western Aleutians

25	0700AST				0	0			High Wind (G87)
	2200AST								

A moderate 993 mb low in the west-central Aleutians produced locally strong winds near Tanaga. A tug reported wind gusts from 80 to 100 mph from the southwest. Winds dropped off significantly around sunset.

AMERICAN SAMOA

ASZ002

Tutuila

10	0600SST				0	0			Flood
	0900SST								

An active convective band of thundershowers dumped 2.72 inches of rainfall in less than 3 hours. The active thunderstorms persisted over Tutuila for almost two straight hours.

ARIZONA, Central and Northeast

NOT RECEIVED.

ARIZONA, Northwest

NONE REPORTED.

ARIZONA, South

NONE REPORTED.

ARIZONA, Southwest

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

April 2003

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

ARKANSAS, Central and North Central

Boone County

6 E Bergman	04	1616CST			0	0	Hail (0.75)
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Marion County

12 NW Yellville	04	1619CST			0	0	Hail (0.75)
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Johnson County

6 N Hunt	04	1637CST			0	0	Hail (0.75)
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Marion County

Yellville	04	1700CST			0	0	Hail (0.75)
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Marion County

6 S Yellville	04	1715CST			0	0	Hail (0.75)
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Pope County

London	04	1720CST			0	0	Hail (1.75)
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Hail up to golfball size broke the windshields of several cars.

Perry County

3 SE Perryville	04	1720CST			0	0	Hail (1.75)
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Conway County

Jerusalem	04	1830CST			0	0	Hail (0.75)
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Van Buren County

2 SW Choctaw	04	1900CST			0	0	Hail (1.00)
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Cleburne County

Prim	04	1925CST			0	0	Hail (0.75)
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Independence County

Cushman	04	2002CST			0	0	Hail (0.75)
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Sharp County

Grange	04	2015CST			0	0	Hail (0.75)
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Saline County

2 E Nance	04	2040CST			0	0	Hail (0.75)
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Bradley County

Warren	06	0820CST			0	0	Hail (0.75)
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Lincoln County

4 SW Fresno	06	0900CST			0	0	Hail (0.88)
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Nickel sized hail occurred at Cave Creek State Park.

Jefferson County

2 N Reydell	06	0915CST			0	0	Hail (0.75)
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Arkansas County

Lodges Corners	06	0915CST			0	0	Thunderstorm Wind (G50)
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Thunderstorm winds blew a car off the highway.

Storm Data and Unusual Weather Phenomena

April 2003

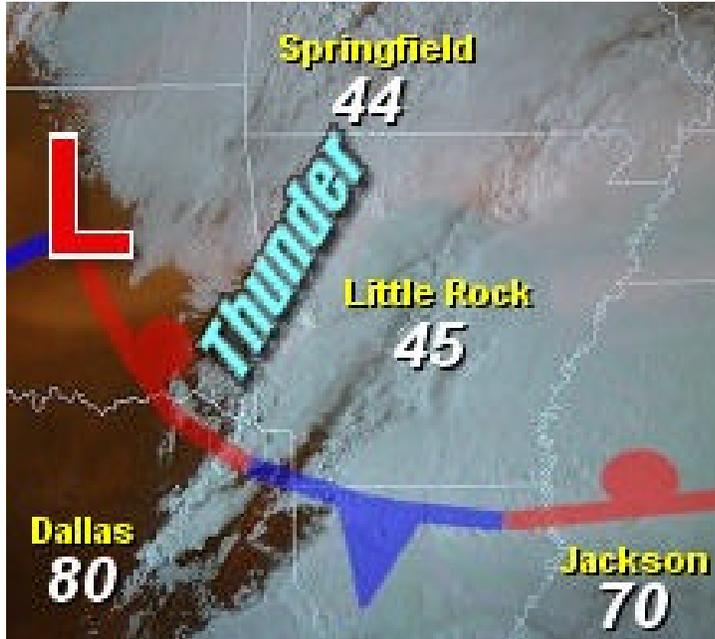
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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ARKANSAS, Central and North Central

Arkansas County

1 SE Almyra

06 0925CST 0 0 Hail (2.75)



In the picture: Large hail on 04/06/2003 occurred north of a front along the Arkansas and Louisiana border. Warm air south of the front moved over cooler air farther north, with severe thunderstorms developing. Because the storms formed in a cool airmass, it made it easier for hail to occur.

Baseball sized hail broke windshields and dented several cars.

Arkansas County

Casscoe	06	0938CST			0	0	Hail (4.50)
Monroe County							
Holly Grove	06	0950CST			0	0	Hail (1.75)
Pulaski County							
Little Rock	06	0950CST			0	0	Hail (1.00)
Pulaski County							
Mabelvale	06	0955CST			0	0	Hail (0.88)
Pulaski County							
Sherwood	06	1012CST			0	0	Hail (0.75)
Pulaski County							
4 N Sherwood	06	1014CST			0	0	Hail (1.00)
Pulaski County							
7 NNE Jacksonville	06	1025CST			0	0	Hail (0.75)
Lonoke County							
3 W Cabot	06	1025CST			0	0	Hail (0.75)
Cleburne County							
3 S Edgemont	06	1053CST			0	0	Hail (0.88)
Conway County							
Jerusalem	06	1500CST			0	0	Hail (0.88)
Polk County							
Mena	06	1545CST			0	0	Hail (0.75)
Johnson County							
3 ENE Clarksville	06	1545CST			0	0	Hail (0.75)
Polk County							
Cherry Hill	06	1600CST			0	0	Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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

ARKANSAS, Central and North Central

Montgomery County									
.2 N Pine Ridge	06	1607CST			0	0			Hail (1.75)
Montgomery County									
Oden	06	1610CST			0	0			Hail (0.88)
Montgomery County									
Sims	06	1620CST			0	0			Hail (0.88)
Pope County									
9 WSW Tilly	06	1625CST			0	0			Hail (1.00)
Pope County									
Pelsor	06	1625CST			0	0			Hail (0.75)
Searcy County									
Witts Spgs	06	1630CST			0	0			Hail (0.75)
Pope County									
Tilly	06	1630CST			0	0			Hail (0.75)
Johnson County									
2 SW Hunt	19	2145CST			0	0			Hail (0.88)
Marion County									
7 SE Flippin to 8 ESE Flippin	19	2343CST 2347CST	1	100	0	0			Tornado (F1)
A weak tornado touched down about 7 miles southeast of Flippin and traveled to the northeast into Baxter County. Damage consisted of a number of large trees being blown down.									
Baxter County									
3.1 SE Gassville to 7.5 NE Mountain Home	19 20	2347CST 0011CST	15	150	0	0			Tornado (F1)



In the picture: An unoccupied mobile home was destroyed by an F1 tornado on the south side of Mountain Home (Baxter County) during the early morning hours of 04/20/2003.

A weak tornado moved from Marion County into Baxter County about 3.1 miles southeast of Gassville. The tornado traveled 15 miles before lifting 7.5 miles northeast of Mountain Home. The tornado passed through the southern portions of Mountain Home. An unoccupied mobile home was destroyed, and debris from the mobile home knocked an adjacent mobile home off its foundation. A number of homes were also damaged, mostly due to falling trees. Shingles were taken off a number of roofs. An apartment building under construction was damaged and a garage at one home collapsed. One vehicle was destroyed by a falling tree and several others were damaged by falling limbs or flying debris. Some power poles were knocked down and dozens of trees along the tornado track were blown down.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ARKANSAS, Central and North Central									
Baxter County									
3 NE Henderson to 6 NE Henderson	20	0018CST 0023CST	3	75	0	0			Tornado (F1)
A weak tornado touched down 3 miles northeast of Henderson and traveled to the northeast into Fulton County. The thunderstorm spawning the tornado is the same storm that produced a tornado earlier in Mountain Home. In eastern Baxter County, an old community center which had stood for more than 100 years was flattened. This occurred near the Cumi community. One house had the back portion of its roof damaged. A shed was blown down and several vehicles were damaged by flying tin.									
Fulton County									
2 W Vidette to 6 NE Vidette	20	0023CST 0034CST	10	75	0	0			Tornado (F1)
A weak tornado moved from Baxter County into Fulton County about 2 miles west of Vidette. The tornado traveled to the northeast for 10 miles before lifting 6 miles northeast of Vidette. Since the tornado moved across many open areas, damage along the path consisted of downed trees and little else.									
Arkansas County									
Arkansas Post	20	1415CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds blew down some large tree limbs.									
ARZ044									
Pulaski									
	24	0240CST			0	0	5K		Strong Wind
Strong winds damaged the roof of a building in North Little Rock. Several trees and power lines were also blown down.									
Pulaski County									
Little Rock	24	0940CST			0	0			Hail (1.00)
Drew County									
Jerome	24	1345CST			0	0			Hail (0.75)
Desha County									
Mc Gehee	24	1400CST			0	0			Hail (1.00)
Desha County									
Mc Gehee	24	1400CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down some power lines and destroyed a boat shed.									
Desha County									
4 E Mc Gehee	24	1405CST			0	0			Hail (0.88)
Desha County									
4 E Mc Gehee	24	1405CST			0	0			Thunderstorm Wind (G50)
Several large trees were blown down.									
Searcy County									
Witts Spgs	24	1508CST			0	0			Hail (1.75)
Independence County									
5 E Oil Trough	24	1515CST			0	0			Hail (1.00)
Independence County									
6 E Oil Trough	24	1515CST			0	0			Hail (0.75)
Independence County									
4.5 E Cord to 6.3 ENE Cord	24	1526CST 1528CST	2.2	50	0	0			Tornado (F0)
A weak tornado touched down about 4.5 miles east of Cord and traveled to the northeast into Jackson County. The tornado tracked along the Black River bottoms and downed some trees.									
Jackson County									
5.5 W Swifton to 5 NW Swifton	24	1528CST 1537CST	4.5	50	0	0			Tornado (F0)
A weak tornado moved from Independence County into Jackson County about 5.5 miles west of Swifton. The tornado traveled to the northeast for approximately 4.5 miles before lifting 5 miles northwest of Swifton. The tornado continued to track along the Black River bottoms. Several trees were pushed over. Also, the tops of some trees along with other large limbs were twisted and broken.									
Independence County									
1 S Thida	24	1538CST			0	0			Hail (1.00)
White County									
1 E Steprock	24	1550CST			0	0			Hail (0.75)
White County									
Center Hill	24	1551CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ARKANSAS, Central and North Central</u>									
White County									
Clay	24	1605CST			0	0			Hail (1.00)
White County									
Providence	24	1605CST			0	0			Hail (1.00)
White County									
Providence	24	1605CST			0	0			Thunderstorm Wind (G50)
Some large tree limbs were snapped off several trees.									
White County									
2 NW Bradford	24	1605CST			0	0			Hail (0.88)
White County									
5 NW Velvet Ridge	24	1615CST			0	0			Hail (1.75)
White County									
Velvet Ridge	24	1615CST			0	0			Hail (0.75)
Stone County									
.9 N Fifty Six to 1.8 NE Fifty Six	24	1627CST 1630CST	1.3	50	0	0			Tornado (F0)
A weak tornado touched down briefly about 0.9 of a mile north of Fifty Six in Stone County. The tornado tracked to the northeast, across a wooded area, for about 1.3 miles before lifting. The only damage noted were several medium-sized trees that were blown down.									
White County									
8 N Judsonia	24	1628CST			0	0			Hail (1.75)
Independence County									
Thida	24	1630CST			0	0			Hail (0.75)
Lonoke County									
Lonoke	24	1635CST			0	0			Hail (1.00)
Marion County									
Pyatt	24	1642CST			0	0			Hail (1.75)
Stone County									
2.5 W Optimus to 2.3 W Optimus	24	1642CST 1643CST	0.2	20	0	0			Tornado (F0)
A weak tornado touched down about 2.5 miles west of Optimus and then quickly lifted. The only damage noted were some downed tree limbs and a few tops out of trees.									
Marion County									
Snow	24	1645CST			0	0			Hail (1.75)
Izard County									
Boswell	24	1650CST			0	0			Hail (2.75)
Izard County									
9 S Melbourne	24	1650CST			0	0			Hail (1.75)
Izard County									
Melbourne	24	1651CST			0	0			Hail (1.75)
White County									
Bradford	24	1655CST			0	0			Hail (0.88)
Sharp County									
Ash Flat	24	1705CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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

ARKANSAS, Central and North Central

Marion County

3.2 SW Peel to
1.7 NE Peel

24	1708CST 1716CST	4.9	200	0	1				Tornado (F1)
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In the picture: A mobile home was destroyed by an F1 tornado in Peel (Marion County) on 04/24/2003. One of the occupants was injured.

A weak tornado touched down 3.2 miles southwest of Peel and traveled to the northeast before lifting 1.7 miles northeast of Peel. The tornado damaged a church with a wall bowed out. Damage also occurred to the ceiling in the sanctuary. A travel trailer was also overturned with several homes suffering roof damage, mostly due to fallen trees or tree limbs. Also, a 60 by 40 foot shed was totally destroyed, with doors blown off a few turkey houses. Power lines and power poles were downed along with dozens of very large trees. Two vehicle were smashed by fallen trees. A woman was injured when her mobile home flipped over and was destroyed.

Marion County

5 NW Yellville

24	1715CST								Hail (2.75)
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Baxter County

2 W Mountain Home

24	1725CST								Hail (1.75)
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Baxter County

5 S Mountain Home

24	1725CST								Hail (2.00)
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Baxter County

Cotter

24	1730CST								Hail (0.88)
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Baxter County

Gassville

24	1730CST								Hail (0.88)
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Baxter County

Midway

24	1730CST								Hail (0.88)
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Storm Data and Unusual Weather Phenomena

April 2003

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

ARKANSAS, Central and North Central

Baxter County

4 SW Norfolk to
.7 NE Norfolk

24

1744CST
1757CST

4.7

50

0

0

Tornado (F1)



The roof of a foodbank in Norfolk (Baxter County) was blown off by an F1 tornado on 04/24/2003.

A weak tornado touched down 4 miles southwest of Norfolk and traveled to the northeast for about 4.7 miles before lifting. Structural damage with this tornado was limited, but a roof was blown off an old school which is now being used as a foodbank. A carport was also flipped with shingles removed from a few roofs. Numerous trees were blown down along the path of the tornado.

Baxter County

5 S Mountain Home

24

1749CST

0

0

Hail (2.75)

Storm Data and Unusual Weather Phenomena

April 2003

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

Independence County

Thida	24	1800CST 1930CST			0	0			Flash Flood
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In the picture: High water covered a gravel road near Thida (Independence County) on 04/24/2003. Water was still over the road the next day.

Heavy rains caused flash flooding to occur in and around Thida. Several area roads were under water.

Lonoke County

Blakemore	24	1810CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds blew down several large trees.

Jefferson County

Whitehall	24	1818CST			0	0			Hail (0.75)
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Izard County

Oxford	24	1830CST			0	0			Hail (1.00)
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Jefferson County

Altheimer	24	1845CST			0	0			Hail (1.00)
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Izard County

4.2 W Oxford to 3.8 W Oxford	24	1850CST 1852CST	0.5	20	0	0			Tornado (F0)
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A weak tornado touched down briefly west of Oxford. Only minor tree damage was noted along the path of the tornado, with mainly large limbs downed.

Izard County

Horseshoe Bend Arpt	24	1925CST			0	0			Hail (1.00)
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Dallas County

Fordyce	24	1925CST			0	0			Hail (1.00)
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Arkansas County

10 SW Stuttgart	24	1927CST			0	0			Hail (0.75)
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Izard County

Franklin	24	1930CST			0	0			Hail (1.00)
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Ouachita County

Frenchport	24	1934CST			0	0			Hail (1.75)
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Calhoun County

5 S Locust Bayou	24	1945CST			0	0			Hail (1.75)
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Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ARKANSAS, Central and North Central</u>									
Fulton County									
Countywide	24	1945CST 2245CST			0	0			Flash Flood
Heavy rainfall resulted in a number of wash-outs on many secondary roads across the county.									
Izard County									
6 W Brockwell	24	1945CST 2245CST			0	0			Flash Flood
Heavy rains resulted in flash flooding along Highway 56 west of Brockwell. The roadway was blocked due to high water for several hours.									
Bradley County									
10 SW Vick to 6 SE Vick	24	1945CST 1955CST	6.5	100	0	0			Tornado (F1)
A weak tornado moved out of Union County (Shreveport County Warning Area) into Bradley County about 10 miles southwest of Vick. The tornado traveled to the northeast across the Felsenthal National Wildlife Refuge before moving into Ashley County (Jackson County Warning Area) near Lake Georgia Pacific. The only damage noted along the path of the tornado were numerous trees snapped off or blown down.									
Ouachita County									
Camden	24	1954CST			0	0			Hail (1.75)
Arkansas County									
5 SW De Witt to 2.5 SSW De Witt	24	1954CST 2000CST	3	50	0	0			Tornado (F0)
A weak tornado touched down about 5 miles southwest of DeWitt and traveled to the northeast for approximately 3 miles before lifting. The tornado tracked over mostly open fields, so damage was not as obvious. It appeared that the tornado had a difficult time reaching the ground and skipped periodically. There was some tree damage noted, with some power line damage as well.									
Izard County									
Horseshoe Bend Arpt	24	2000CST 2230CST			0	0			Flash Flood
Heavy rains caused flash flooding to occur in and around Horseshoe Bend. Several roads were covered by high water for a period of time.									
Arkansas County									
De Witt	24	2003CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds downed several large trees.									
Jefferson County									
Watson Chapel	24	2003CST			0	0			Hail (0.88)
Cleveland County									
5 N Rison	24	2005CST			0	0			Thunderstorm Wind (G50)
Several trees were knocked down.									
Izard County									
Horseshoe Bend Arpt	24	2010CST			0	0			Hail (0.75)
Lonoke County									
Hummonke	24	2050CST			0	0			Hail (1.00)
Prairie County									
7 S Slovak	24	2055CST			0	0			Hail (1.00)
Jackson County									
Tuckerman	24	2228CST			0	0			Hail (1.75)
Jackson County									
6 E Tuckerman	24	2237CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds blew down some power poles.									
Jackson County									
5.2 NNW Grubbs to 5.4 NNE Grubbs	24	2241CST 2243CST	2.2	50	0	0			Tornado (F0)
A weak tornado touched down briefly north of Grubbs. The only damage noted along the track of the tornado were several medium sized trees blown down and a downed power line.									
Baxter County									
Mountain Home	29	1520CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ARKANSAS, East									
Randolph County									
Ravenden Spgs	04	1940CST 1945CST			0	0	0.01K		Hail (0.75)
Lawrence County									
Black Rock to Walnut Ridge	04	2015CST 2030CST			0	0	0.15K		Hail (1.00)
Greene County									
1 N Paragould	04	2050CST 2055CST			0	0	0.01K		Hail (0.75)
Mississippi County									
Yarbro	04	2200CST 2205CST			0	0	0.01K		Hail (0.75)
Lee County									
Moro	06	1020CST 1025CST			0	0	0.75K		Hail (1.75)
St. Francis County									
Palestine	06	1028CST 1035CST			0	0	0.75K		Hail (1.75)
Cross County									
5 E Wynne	06	1050CST 1055CST			0	0	0.01K		Hail (0.75)
Poinsett County									
Tyronza	06	1120CST 1125CST			0	0	0.01K		Hail (0.75)
Craighead County									
Caraway	06	1140CST 1145CST			0	0	0.01K		Hail (0.75)
Mississippi County									
Blytheville to 1 E Blytheville	06	1140CST 1150CST			0	0	0.15K		Hail (1.00)
Greene County									
Paragould	06	1150CST 1155CST			0	0	0.05K		Hail (0.88)
Mississippi County									
1 S Blytheville	06	1200CST 1205CST			0	0	0.01K		Hail (0.75)
Clay County									
2 NW Rector	06	1214CST 1220CST			0	0	0.25K		Hail (1.25)
Randolph County									
Pocahontas	06	1215CST 1220CST			0	0	0.75K		Hail (1.75)
ARZ036									
Crittenden									
	16	1100CST 1130CST			0	0	15K		Strong Wind
Some siding and shingles were blown off a few homes. Some trees were knocked down.									
Crittenden County									
Turrell	20	1655CST 1700CST			0	0	0.75K		Hail (1.75)
Mississippi County									
Burdette	24	0200CST 0205CST			0	0	50K		Lightning
A house was destroyed by a fire started by lightning.									
Randolph County									
Dalton to 3 E Dalton	24	2005CST 2020CST			0	0	0.85K		Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2003

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

Randolph County

Attica	24	2027CST 2035CST			0	0	0.25K		Hail (1.25)
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Craighead County

Jonesboro	24	2217CST 2225CST			0	0	0.05K		Hail (0.88)
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Mississippi County

Blytheville	29	1535CST 1540CST			0	0	0.01K		Hail (0.75)
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Mississippi County

Blytheville	29	1625CST 1630CST			0	0	0.01K		Hail (0.75)
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Mississippi County

Blytheville	29	1640CST 1645CST			0	0	0.10K		Hail (1.00)
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Mississippi County

Blytheville	29	1655CST 1700CST			0	0	0.01K		Hail (0.75)
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Mississippi County

Blytheville	29	1730CST 1900CST			0	0	5K	5K	Flash Flood
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Numerous fields were flooded that required replanting. Many streets were also flooded.

ARKANSAS, Northwest

Sebastian County

Greenwood	06	1427CST			0	0			Hail (0.88)
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Franklin County

Ozark	06	1508CST			0	0			Hail (0.88)
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ARZ010

Washington

16		0845CST 1300CST			0	0	100K		High Wind (G52)
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Strong non-thunderstorm winds blew across Washington county from mid morning to the early in the afternoon on the 16th. Average wind speeds at Drake Field near Fayetteville approached 40 miles an hour while wind gusts exceeded 50 miles an hour at times. These high winds produced significant damage.

In Lincoln, the wind blew parts of the roofs off a hair salon, a flower shop and a branch of the state revenue office. In Fayetteville, part of the roof was blown off a jewelry shop.

Crawford County

Kibler	19	2103CST			0	0			Hail (1.75)
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Sebastian County

5 N Bonanza	19	2115CST			0	0			Hail (0.75)
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Madison County

Huntsville	19	2125CST			0	0			Thunderstorm Wind (G52)
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Thunderstorm winds estimated at 60 miles an hour blew down several trees.

Franklin County

2 N Ozark	19	2130CST			0	0			Hail (1.00)
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Crawford County

Bidville	19	2300CST			0	0			Thunderstorm Wind (G52)
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Thunderstorm winds estimated at 60 miles an hour blew down several large tree limbs.

Sebastian County

1 W Hartford	19	2304CST			0	0			Thunderstorm Wind (G52)
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ARKANSAS, Southeast

Chicot County

Eudora	06	1535CST			0	0	10K		Thunderstorm Wind (G55)
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Several trees were blown down.

Ashley County

3 NE Crossett	24	1335CST			0	0			Funnel Cloud
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Ashley County

Crossett	24	1345CST			0	0	1K		Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 2003

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

ARKANSAS, Southeast

Chicot County

Cosgrove 24 1345CST 0 0 1K Hail (0.75)

Ashley County

Crossett 24 1350CST 0 0 30K Thunderstorm Wind (G55)

Several trees down in Crossett, with numerous trees down across the county.

Ashley County

7 N West Crossett 24 1955CST 0.5 50 0 0 30K Tornado (F1)

This tornado moved into Ashley county from Bradley county. The tornado was just W of Lake Georgia Pacific and only snapped and downed numerous trees.

Ashley County

2 E Hamburg to 5 E Hamburg 24 2044CST 3 125 0 0 200K Tornado (F1)

This tornado destroyed 1 large barn and 2 small sheds. Six houses sustained minor roof damage. A few hundred trees were snapped or uprooted.

Chicot County

3 S Cosgrove to 4 SE Cosgrove 24 2127CST 3 75 0 0 200K Tornado (F0)

A large tin barn had its roof caved in along with several trees having branches snapped. A mobile home had a portion of its roof peeled back. Another large tin shed was twisted down with some of the tin roof thrown into a pond.

Chicot County

5 NW Lake Vlg 24 2132CST 0 0 1K Hail (1.00)

Chicot County

Eudora to 2.5 E Eudora 24 2147CST 2.5 30 0 0 300K Tornado (F0)

This tornado touched down on the N side of Eudora and moved E for 2.5 miles. This tornado mainly snapped trees and uprooted a few trees that fell onto houses. Four homes sustained major roof damage, due to fallen trees, with 11 other homes sustaining minor damage.

ARKANSAS, Southwest

Union County

Strong 06 0745CST 0 0 Hail (1.00)

Nevada County

Bluff City 19 1700CST 0 0 Hail (0.75)

Union County

5 N El Dorado 24 1830CST 0 0 Hail (1.00)

Union County

El Dorado 24 1840CST 0 0 Hail (1.00)

Columbia County

Emerson 24 1910CST 0 0 Hail (1.00)

Union County

9.6 NW Junction City to 7.9 E Junction City 24 1910CST 16.7 125 0 0 Tornado (F2)

A strong tornado developed under a supercell which moved east across the southern portion of the county. Damage was largely confined to heavily wooded areas with only a few structures suffering light to moderate damage. Numerous snapped and fallen large trees were observed.

Union County

5.9 NNW Strong to 12.2 ENE Strong 24 1920CST 13 100 0 0 Tornado (F1)

This was a combination of ground and aerial. Numerous trees were snapped off or blown down. No structures were in the tornado path. This tornado moved into Bradley County, AR.

CALIFORNIA, Extreme Southeast

NONE REPORTED.

CALIFORNIA, North Central

NOT RECEIVED.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
CALIFORNIA, Northeast									
CAZ072>073			Greater Lake Tahoe Area - Mono						
		01 1800PST			0	0			Heavy Snow
		02 1400PST							
		From 12-15 inches of new snow reported at Echo Summit on U.S. Highway 50 by CALTRANS. A strong spring cold front brought locally heavy snow to the Sierra.							
CAZ072>073			Greater Lake Tahoe Area - Mono						
		02 0600PST			0	0			Heavy Snow
		03 0600PST							
		A strong trough of low pressure brought heavy snow to the Sierra Nevada. Total 24-hour snowfall amounts were in the 24-36 inch range above the 8000 foot elevation at most ski resorts in the Lake Tahoe and Mono County areas.							
CAZ071			Lassen/Eastern Plumas/Eastern Sierra						
		02 1830PST			0	0			Heavy Snow
		2230PST							
		The Lassen County Sheriff and a storm spotter reported nearly 5 inches of snow in 4 hours at the 5000 foot elevation in the Susanville and Janesville area.							
CAZ071			Lassen/Eastern Plumas/Eastern Sierra						
		02 1900PST			0	0			Heavy Snow
		2300PST							
		The Plumas County sheriff reported 5 inches of new snow in the Portola area.							
CAZ071			Lassen/Eastern Plumas/Eastern Sierra						
		02 1900PST			0	0			Heavy Snow
		2300PST							
		The Loyalton fire department reported 4 inches of new snow in southern Sierra Valley.							
CAZ071			Lassen/Eastern Plumas/Eastern Sierra						
		03 1800PST			0	0			Heavy Snow
		04 0600PST							
		Five inches of snow overnight in Westwood, CA.							
CAZ071			Lassen/Eastern Plumas/Eastern Sierra						
		03 2200PST			0	0			Heavy Snow
		04 2200PST							
		Six inches of new snow reported at Cromberg, CA.							
CAZ073			Mono						
		04 0300PST			0	0			Heavy Snow
		1500PST							
		A foot of new snow reported at Mammoth Mountain ski area.							
CAZ072			Greater Lake Tahoe Area						
		04 0600PST			0	0			Heavy Snow
		0700PST							
		Two inches of new snow in an hour reported at South Lake Tahoe, CA.							
CAZ072			Greater Lake Tahoe Area						
		04 0600PST			0	0			Heavy Snow
		05 0600PST							
		Alpine Meadows ski area reported 18 inches of new snow at the 8600 foot elevation.							
CAZ071-071-071-071>072-072-072-072-072-072>073-073			Lassen/Eastern Plumas/Eastern Sierra - Greater Lake Tahoe Area - Mono						
		12 0530PST			0	0			Heavy Snow
		14 0700PST							
		Report of one foot of new snow in Westwood, CA. A strong late-season winter storm brought heavy snow to northeast California and the Sierra Nevada. Amounts ranged from less than 6 inches in valleys below 5000 feet to over 2 feet at some Lake Tahoe area ski resorts.							
CAZ072			Greater Lake Tahoe Area						
		25 0600PST			0	0			Heavy Snow
		26 0600PST							
		Alpine Meadows Ski reported 20 inches of new snow at the 8600 foot elevation.							
CAZ072			Greater Lake Tahoe Area						
		25 0600PST			0	0			Heavy Snow
		26 0600PST							
		Squaw Valley Ski Area reported 20 inches of new snow at the 8200 foot elevation.							

Storm Data and Unusual Weather Phenomena

April 2003

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

CALIFORNIA, Northeast

CAZ071	Lassen/Eastern Plumas/Eastern Sierra								
	25	1500PST			0	0			Heavy Snow
	26	0800PST							
	Spotter in Portola, CA reported 7 inches of new snow.								
CAZ071	Lassen/Eastern Plumas/Eastern Sierra								
	25	1500PST			0	0			Heavy Snow
	26	0800PST							
	Spotter in Sattley, CA reported 6 inches of new snow.								
CAZ072	Greater Lake Tahoe Area								
	28	0330PST			0	0			Heavy Snow
		0800PST							
	Spotter in South Lake Tahoe, CA reported 4 inches of new snow.								
CAZ073	Mono								
	28	0530PST			0	0			Heavy Snow
		1500PST							
	U.S. Forest Service reported 8 inches of new snow in the city of Mammoth Lakes, CA, with a foot of new snow at Mammoth Mountain Ski Area.								

CALIFORNIA, Northwest

CAZ003	North Coast Interior								
	03	2000PST			0	0			Heavy Snow
	04	0700PST							
	8 inches of snow in Dinsmore								
CAZ003-076	North Coast Interior - Mendocino Interior								
	24	2300PST			0	0			Heavy Snow
	25	1100PST							
	Up to 8 inches of snow fell across the coastal mountains above 3500 feet.								

CALIFORNIA, South Central

Fresno County

Fresno	01	0000PST			0	0	7.8M		Heavy Rain
	30	2359PST							

Kings County

Hanford	01	0000PST			0	0	8.9M		Heavy Rain
	30	2359PST							

Madera County

Madera	01	0000PST			0	0	13.2M		Heavy Rain
	30	2359PST							

April and the first half of May 2003 in the Central and Southern San Joaquin Valley was marked by unusual and persistent cool, wet weather. Normally summer agricultural operations are in full swing by the 1st week in April. Despite a relatively dry November through March period for the area, the month of April was the 7th wettest with 2.84" of rain (2.08" above normal) since records began in Fresno in 1888 and the wettest since 1978 when 2.85" fell. The average temperature of 58.6F in Fresno for April was the coldest since 57.2F in 1976. Other sites in the San Joaquin Valley were similarly affected leading to the crop damage assessments. Cherries were the hardest hit in Fresno County; cotton planting was hurt the most in Madera County; and, alfalfa the worst in Kings County.

Fresno County

Shaver Lake	01	0000PST			0	0			Heavy Rain
	11	0400PST							

Measured rainfall was 4.51" at Shaver Lake northeast of Fresno at the 5000 foot elevation from the 1st of the month until early on the 11th. More rainfall and snow occurred in the mountain areas through the 15th accumulating water for what would otherwise be a relatively dry year.

CAZ095-098>099

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

01	1000PST			0	0	3K		Strong Wind
02	1521PST							

Strong, gusty south wind consistently pushed gusts well over 40 MPH from the morning of the 1st and well into the 2nd of April with a lone incident of 61 MPH at Government Peak in the Kern Deserts during the afternoon of the 1st.

Tulare County

Visalia	02	1500PST			0	0	50K		Heavy Rain
		1545PST							

Poor visibilities in a short-lived driving rain led to indirect damage of \$50K as cars collided on a Visalia freeway. It was reported 17 vehicles were involved as 0.35" of rain fell in a very short period of time in and around the city.

Storm Data and Unusual Weather Phenomena

April 2003

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									
Fresno County									
5 NW Fresno	04	0400PST 1700PST			0	0	1K		Heavy Rain
CAZ096 S Sierra Mtns									
	04	0610PST 1600PST			0	0			Heavy Snow
A fast-moving cold front swept over Southern Sierra Nevada during the day on the 4th. While snow amounts did not meet Winter Storm thresholds, significant snow amounts of 7-13 inches did fall at mid-altitudes on the range. Typical of locally heavy rain events on the San Joaquin Valley floor on this day, Northwest Fresno received almost 1 inch of rain that led to flooded streets.									
CAZ095-098>099 Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert									
	04	1130PST 2200PST			0	0	3K		Strong Wind
Madera County									
3 NW Madera Muni Arj 20 SE Madera Muni Arpt	04	1420PST 1445PST			0	0	50K		Hail (0.63)
Hail varying from pea-size to 5/8" fell on Highway 99 from northwest of Madera southeastward into the Fresno metropolitan area. Traffic was brought to a standstill due to the heavy rain and small hail due to this cell. Several traffic accidents were attributed to the event.									
CAZ096>097 S Sierra Mtns - Tulare Cty Mtns									
	12	1500PST			0	0			Winter Storm
	14	1500PST							
CAZ095 Kern Cty Mtns									
	14	2100PST			0	0			Heavy Snow
	15	0800PST							
Significant snow fell in the mid and high elevations of the Southern Sierra Nevada for a 48-hour period from the 12th through the 14th. Snow amounts, estimated, varied from 52" at Ostrander Lake and 48" at Chilkoot Meadow near Yosemite, to 23" at Huntington Lake in Fresno County. Lesser amounts of 4-6" fell in the Tehachapi Mountains of Kern County as the event passed to the southeast through the warning area. Some 5-day water equivalent totals ending by the 15th from frontal passages prior to the convective activity on the 17th varied from 4.5 inches at Agnew Pass (San Joaquin River Basin) and Farewell Gap (Kaweah River); 3.7" at Tamarack Flat (San Joaquin River); and 3.4" at Blackcap Basin (Kings River).									
Fresno County									
Firebaugh	14	1730PST 1745PST			0	0	5K		Hail (0.50)
Fresno County									
1.5 SE (Fat) Air Terminal 3.5 SSE (Fat) Air Terminal	14	1745PST 1800PST			0	0	5K		Hail (0.50)
Fresno County									
Reedley	14	1800PST 1815PST			0	0	5K		Hail (0.50)
Reports of small hail (around 1/2" diameter) at several Fresno County locations were received. While not meeting severe thresholds for hail, small amounts of damage did occur to local crops at this critical time of year.									
Tulare County									
Visalia	17	1500PST 2300PST			0	0			Heavy Rain
Fresno County									
(Fat) Air Terminal	17	1807PST 1900PST			0	0			Heavy Rain
A thunderstorm occurring at the Fresno Air Terminal dumped 0.41" of rain within a 25-minute period on the 17th. Numerous thunderstorm rain events produced urban street flooding in several Central and Southern San Joaquin Valley communities.									
Kern County									
11 W Tehachapi	21	1500PST 1700PST			0	0	1K		Heavy Rain
Merced County									
3 NW Merced	21	1530PST 1600PST			0	0	7.5K		Heavy Rain

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time 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, South Central

CAZ090 E Central S.J. Valley

21	1600PST				0	0	5K		Strong Wind
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Kings County

Hanford

21	1700PST				0	0	1K		Heavy Rain
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Locally heavy rain accompanied by strong wind and small hail occurred in the Central and Southern San Joaquin Valley during the late afternoon hours of the 21st. Hail size was less than 1/2-inch but, in conjunction with, locally heavy rain led to local highway problems just northwest of Merced on State Highway 99. Snow level in the adjacent Southern Sierra Nevada dropped to 3500 feet mean sea level. Gusty wind late in the afternoon around Fresno resulted in some downed power lines and loss of power to 771 utility customers in North-Central Fresno. Unofficial rainfall amounts from convective showers were as high as 0.63" in Northeast Fresno with reports of pea-size hail and lightning. Official rain totals for the day were 0.20" at Fresno, 0.15" at Madera, and 0.13" at Visalia. In the Tehachapi Mountains at Bear Valley over 1.00 inch of rain fell due to the showers on the 21st.

CAZ095-099

Kern Cty Mtns - Se Kern Cty Desert

22	0840PST				0	0	2K		Strong Wind
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Strong west wind again brought wind speeds consistently above 40 MPH in the Kern County Mountains and the Southeast Desert portions of the county. Several gusts reached about 50 MPH with an isolated gust to 67 MPH at Jawbone Canyon in the mountains.

CAZ096

S Sierra Mtns

24	1400PST				0	0			Heavy Snow
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Another in a series of fast-moving and unseasonable frontal systems deposited up to 10 inches of snow in a relatively short period of time in the mid and high elevations of the Southern Sierra Nevada on the 24th.

CAZ096

S Sierra Mtns

28	0600PST				0	0			Heavy Snow
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Another cold front on the 28th similarly contributed to the late snowpack in the Southern Sierra Nevada with new snow amounts ranging from 5 to 8 inches.

CALIFORNIA, Southeast

NONE REPORTED.

CALIFORNIA, Southwest

San Bernardino County

Chino to Yucca Vly	14	0800PST			0	0	40K		Heavy Rain
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Riverside County

Temecula to Moreno Valley	14	1000PST			0	0			Heavy Rain
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Orange County

Garden Grove to Fountain Vly	14	1206PST			0	0	20K		Heavy Rain
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CAZ055>056

San Bernardino County Mountains - Riverside County Mountains

14	1235PST				0	0	53K		Winter Storm
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San Diego County

San Onofre to San Ysidro	14	1400PST			0	0	20K		Heavy Rain
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Eight to twenty inches of snow fell at elevations above 6000 feet in the San Bernardino and San Jacinto Mountains. At elevations between 3500 feet and 6000 feet, 1 to 7 inches of snow was reported. Visibility was near zero in the passes due to blowing snow and fog. Sustained winds of 30 mph were reported at many locations, while winds gusted over 60 mph across the ridges and down the east mountain slopes. Heavy rain along the foothills caused flooding and mud slides along many roads leading into the valleys.

CALIFORNIA, Upper

CAZ085

Modoc County

03	0908PST				0	0			Heavy Snow
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Spotter MO27 18SW of Alturas reported 12 inches of snow in the past 12 hours at elevation 6000 feet.

No warning was in effect during this event. However, given the elevation, it is likely that this amount is at or close to the extreme value for this event.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time 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, Upper

CAZ080-082

Western Siskiyou County - South Central Siskiyou County

03	0927PST				0	0			Heavy Snow
04	0410PST								

See below.

A Heavy Snow Warning was issued for California zones CAZ080/082 for 2500-3000 feet effective at the above times. At 1127 PST on 04/03, the warning level was lowered to 2000-3000 feet. Many reports indicated snow advisory amounts, but none verified a Heavy Snow Warning.

CAZ081>082-082

Central Siskiyou County - South Central Siskiyou County

13	0809PST				0	0			Heavy Snow
	0953PST								

Spotter SY05 2W Weed reported 13 inches of snow in the 24 hours ending at 0700 PDT.

A Winter Storm Warning was issued for California zone CAZ082 for elevations above 4000 feet at 0014 PDT on 04/12/03. The warning level was lowered to 3500 feet at 2200 PDT on 04/12, then the warning was downgraded to a snow advisory at 1400 PDT on 04/13. The above observations verified the warning. In the case of the report from CAZ081, this observation was very close to the boundary between CAZ081/082 and is likely much more representative of conditions in CAZ082 than the remainder of CAZ081.

CAZ084

Northeast Siskiyou And Northwest Modoc Counties

24	0948PST				0	0			Heavy Snow
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Spotter SY58 near Macdoel reported 8 inches of snow overnight.

The above spotter report met the criteria for a Heavy Snow Warning, but no warning or advisory was in effect at the time. Other spotter reports from east of the Cascades in California and extreme southern Oregon indicated that the snowfall amounts were mostly in the Snow Advisory category.

CAZ081>082-082

Central Siskiyou County - South Central Siskiyou County

25	1003PST				0	0			Heavy Snow
	1546PST								

Spotter SY05 2W of South Weed exit reported 9 inches of snow in the past 12 hours.

A Heavy Snow Warning was issued for California zone CAZ082 above 3500 feet at 2310 PDT on 04/24 and expired at 1445 PDT on 04/25. Two of the three reports above verified the warning. The third report was in zone CAZ081, but it was very near the northern boundary of CAZ082 and is more representative of conditions in CAZ082 than conditions over the remainder of CAZ081. Mount Shasta City at elevation 3539 feet recorded a 24 hour snow total of 7.5 inches from 2000 PST 04/24 to 2000 PST 04/25, and Sand Flat at elevation 6750 feet recorded 12 inches of snow between 01Z and 14Z on 04/25, so it is likely that higher elevations verified.

CAZ082

South Central Siskiyou County

27	1506PST				0	0			Heavy Snow
28	1223PST								

See below.

A Winter Storm Warning was issued for California zone CAZ082 above 4500 feet at 1506 PDT on 04/27. The elevation of the warning was raised to 5000 feet at 2140 PDT on 04/27, and the warning expired at 1023 PDT on 04/28. Nearly all the spotters and observation platforms are below the warning elevation, so no verifying reports were received from those sources. However, Sand Flat at 6750 feet recorded 9 inches of snow in 7 hours between 2100 UTC on 04/27 and 0400 UTC on 04/28, so it is likely that this warning verified. In addition, Mount Shasta City, below the warning level, received a 1.10 inches of rain in the 24 hours ending at 2000 PDT on 04/28. This would also support a warning at higher elevations.

CAZ082

South Central Siskiyou County

28	1515PST				0	0			Heavy Snow
29	1410PST								

See below.

A Winter Storm Warning was issued for California zone CAZ082 above 4000 feet at 1515 PDT on 04/28. The elevation of the warning was raised to 5000 feet at 0500 PDT on 04/29, lowered again to 4000 feet at 1025 PDT on 04/29, and the warning expired at 1410 PDT on 04/29. Nearly all the spotters and observation platforms are below the warning elevation, so no verifying reports were received from those sources. However, Sand Flat at 6750 feet recorded 9.5 inches of snow in the 24 hours ending at 09Z on 04/29. This is a half inch shy of meeting Heavy Snow Warning criteria. In addition, Mount Shasta City, below the warning level, received a 0.89 inches of rain in the 24 hours ending at 2000 PDT on 04/29. This appears to have been a borderline event. Some locations likely did get enough snow to verify the warning.

CALIFORNIA, West South Central

CAZ053>054

Ventura County Mountains - Los Angeles County Mountains Excluding The Santa Monica Range

14	1100PST				0	0			Winter Storm
	1830PST								

A Pacific storm winter storm conditions to the mountains of Ventura and Los Angeles counties. In Ventura county, Mount Pinos reported 8 to 10 inches of snowfall. In Los Angeles county, Mountain High Ski Resort reported 14 to 20 inches of snowfall while Mount

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time 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, West South Central

Mount Baldy reported 10 inches of snowfall. The heavy snow combined with gusty winds between 25 and 40 mph to produce reduced visibilities and dangerous winter storm conditions.

CALIFORNIA, Western

NONE REPORTED.

CARIBBEAN SEA AND TROPICAL ATLANTIC

Jupiter Inlet To

Deerfield Beach Fl 20

To 60Nm

15 SE Jupiter Inlet	04	1842EST		0	0					Waterspout
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Tower personnel at Palm Beach International Airport sighted a waterspout in the Atlantic.

Cocoa Beach To

Jupiter Inlet Fl Out

20Nm

Vero Beach	09	1332EST		0	0	0	0			Marine Tstm Wind
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A thunderstorm produced a wind gust to 38 knots at Vero Beach Airport.

Flagler Beach To Cocoa

Beach Fl Out 20Nm

5 N Cape Canaveral	09	1850EST		0	0	0	0			Marine Tstm Wind
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A NASA weather tower recorded a wind gust to 50 knots from a thunderstorm.

Deerfield Beach To

Ocean Reef Fl 20 To

60Nm

22 E Port Everglades	18	0601EST		0	0					Waterspout
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The U.S. Coast Guard sighted a waterspout in the Atlantic Ocean.

Deerfield Beach To

Ocean Reef Fl 20 To

60Nm

22 E Miami Beach	18	0756EST		0	0					Waterspout
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A pilot saw a waterspout in the Atlantic Ocean.

Jupiter Inlet To

Deerfield Beach Fl 20

To 60Nm

30 SE Jupiter Inlet	19	0807EST		0	0					Waterspout
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A pilot saw a waterspout in the Atlantic 20 miles east of Delray Beach.

Biscayne Bay

20 N Turkey Point	19	1000EST		0	0					Waterspout
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A pilot saw a waterspout in Biscayne Bay just south of Key Biscayne.

Atl Nearshore Waters

Rio Guajataca Pr Ewd

Thru Usvi

San Juan	23	1732AST		0	0					Waterspout
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A waterspout was reported by a pilot over the Piñones area near the airport.

S Santee R Sc To

Savannah Ga 20 To

40Nm

40 E Folly Beach	25	1217EST		0	0					Marine Tstm Wind
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S Santee R To Edisto

Beach Sc Out 20Nm

Bulls Bay	26	1100EST		0	0					Marine Hail
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S Santee R To Edisto

Beach Sc Out 20Nm

Bulls Bay	26	1100EST		0	0					Marine Tstm Wind
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Storm Data and Unusual Weather Phenomena

April 2003

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

Fernandina Beach To

St Augustine Fl Out

20Nm

5 N Jacksonville Beach	25	1500EST			0	0			Marine Tstm Wind
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National Ocean Service (NOS) Mayport, Fl. tide gage measurement.

Fernandina Beach To

St Augustine Fl Out

20Nm

25 N Jacksonville Beach	25	1500EST			0	0			Marine Tstm Wind
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National Ocean Service (NOS) Fernandina Beach, Fl. tide gage measurement.

Fernandina Beach To

St Augustine Fl Out

20Nm

31 S Jacksonville Beach	25	1505EST			0	0			Marine Tstm Wind
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St. Augustine, Fl. CMAN Site measurement.

Fernandina Beach To

St Augustine Fl 20 To

60Nm

59 SE Jacksonville Beach	25	1552EST			0	0			Marine Tstm Wind
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Buoy 41012.

Fernandina Beach To

St Augustine Fl 20 To

60Nm

59 SE Jacksonville Beach	25	1600EST			0	0			Marine Tstm Wind
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Buoy 41012.

Flagler Beach To Cocoa

Beach Fl Out 20Nm

5 N Cape Canaveral	25	1618EST			0	0	0	0	Marine Hail
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Cocoa Beach To

Jupiter Inlet Fl Out

20Nm

Melbourne Beach	25	1730EST			0	0	0	0	Marine Hail
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Deerfield Beach To

Ocean Reef Fl

8 S Government Cut	26	1800EST			0	0			Marine Tstm Wind
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A wind gust of 35 knots was measured at the C-MAN at Fowey Rocks Light.

Deerfield Beach To

Ocean Reef Fl

8 S Government Cut	26	2000EST			0	0			Marine Tstm Wind
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Fowey Rocks Light C-MAN measured a 37 knot wind gust.

Deerfield Beach To

Ocean Reef Fl

8 S Government Cut	26	2200EST			0	0			Marine Tstm Wind
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Fowey Rocks Light C-MAN observed a wind gust of 37 knots.

COLORADO, Central and Northeast

COZ033-040>041-043>044-046-048>049-051

S & E Jackson / Larimer / N & Ne Grand / Nw Boulder Counties Above 9000 Feet - N Douglas County Below 6000 Feet / Denver / W Adams & Arapahoe Counties / E Broomfield County - Elbert / C & E Douglas Counties Above 6000 Feet - C & S Weld County - Morgan County - N & Ne Elbert County Below 6000 Feet / N Lincoln County - Logan County - Washington County - Phillips County

15	1715MST	0	0	High Wind (G69)
16	0828MST			

An fast moving Pacific storm system moved across Colorado, allowing for strong winds to develop across portions of the northern mountain, foothills and adjacent plains. Peak wind reports included: 79 mph (69 kts), 2 miles north of Johnstown, 71 mph (62 kts) atop Niwot Ridge, 63 mph (55 kts), 4 miles east of Haxtun and Limon, 60 mph (52 kts), 9 miles north of Limon, 59 mph (51 kts) at Denver International Airport, 58 mph (50 kts) at Cedar Point, Fort Morgan, Merino, 14 miles north-northwest of Otis and Sterling. Damaging winds also knocked out several transformers near Hugo.

Storm Data and Unusual Weather Phenomena

April 2003

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, Central and Northeast</u>									
Adams County									
7 E Brighton	17	1657MST			0	0			Hail (1.00)
Denver County									
3 SW Denver Intl Arpt	17	1715MST			0	0			Thunderstorm Wind (G61)
Strong thunderstorm winds blew out a windshield.									
Weld County									
Keenesburg	17	1725MST			0	0			Hail (0.75)
Larimer County									
Ft Collins	17	1800MST			0	0	0		Lightning
Lightning struck at least 4 homes. Each of the fires was quickly extinguished, minimizing the damage.									
Weld County									
45 SE Greeley	17	1800MST			0	0	0		Lightning
Lightning struck an oil tank and sparked an oil fire. The fire however was quickly extinguished.									
Boulder County									
25 W Boulder	22	1404MST			0	0	0		Lightning
Lightning damaged electrical equipment at a Long Term Ecological Research (LTER) Station located atop Niwot Ridge, at an elevation of 11,600 ft.									
Weld County									
7 WSW New Raymer	22	1640MST			0	0	0		Hail (0.75)
COZ044-051									
Morgan County - Phillips County									
	22	1523MST			0	0			High Wind (G60)
		1715MST							
Weld County									
2 S Severance	23	0855MST			0	0	0		Hail (0.75)
COZ030>035-037-041									
Jackson County Below 9000 Feet - West Jackson & West Grand Counties Above 9000 Feet - Grand & Summit Counties Below 9000 Feet - S & E Jackson / Larimer / N & Ne Grand / Nw Boulder Counties Above 9000 Feet - S & Se Grand / W Central & Sw Boulder / Gilpin / Clear Creek / Summit / N & W Park Counties Above 9000 Feet - Larimer & Boulder Counties Between 6000 & 9000 Feet - C & Se Park County - Elbert / C & E Douglas Counties Above 6000 Feet									
	23	1600MST			0	0	0		Winter Storm
	24	1100MST							
A strong and deep northerly flow circulating around closed low allowed for very heavy snow to developed in parts of the North-Central Mountains, Front Range Foothills, North, Middle and South Parks, and the Palmer Divide. The heaviest snow occurred along the north facing slopes of the high country. In the North-Central Mountains storm totals included: 42 inches at Copper Mountain, 38 inches at Breckenridge Ski Area, 34 inches at the Eisenhower Tunnel, 30 inches at A-Basin, 26 inches at Arapahoe Ridge, 24 inches at Jones Pass and Winter Park, 19 inches at Tower and Rawah. Elsewhere snow amounts included: 19 inches at Tabernash, 14 inches at Idaho Springs and 10 miles northwest of Black Forest, 10 inches at Cabin Creek, 9 miles west-southwest of Rustic and 3 miles south of Rand.									
Morgan County									
1 E Wiggins	28	1708MST			0	0			Hail (1.00)
Morgan County									
Wiggins	28	1712MST			0	0			Hail (1.00)
Adams County									
17 NE Bennett	28	1825MST			0	0			Hail (1.00)
Arapahoe County									
Englewood	28	1915MST			0	0			Hail (1.75)
Arapahoe County									
Greenwood Vlg	28	1925MST			0	0			Hail (0.88)
Arapahoe County									
Aurora Cherry Creek	28	1929MST			0	0			Hail (1.50)
Arapahoe County									
(Apa)Englwood Arapah	28	1940MST			0	0			Hail (0.88)
Arapahoe County									
2 E (Apa)Englwood Ara	28	1940MST			0	0			Hail (1.75)
Adams County									
34 NE Bennett	28	2000MST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

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, Central and Northeast</u>									
Adams County									
10 NE Strasburg	28	2100MST			0	0			Hail (0.88)
Adams County									
10 NE Strasburg	28	2100MST			0	0			Thunderstorm Wind (G51)
Washington County									
Elba	28	2150MST			0	0			Hail (1.00)
Jefferson County									
Evergreen	29	0900MST			0	0	100K	0	Lightning
Lightning struck a chimney at a residence in Hiwan, sending stones flying as far as 150 feet. Electrical equipment in some nearby homes also failed. Damage to the residence, in addition to electrical equipment, was estimated to be \$100,000.									
Adams County									
8 W Henderson	29	1500MST			0	0			Hail (1.00)
Douglas County									
6 E Parker	29	1543MST			0	0			Hail (0.75)
Weld County									
Gilcrest	29	1550MST			0	0			Hail (0.75)
Lincoln County									
2 W Arriba	29	1613MST			0	0			Hail (1.75)
Elbert County									
6 NW Kiowa to 6 NW Elbert	29	1615MST			0	0			Hail (2.00)
Douglas County									
9 N Sedalia to 3 N Sedalia	29	1645MST 1647MST			0	0			Hail (1.00)
Douglas County									
7 NE Sedalia	29	1645MST			0	0			Hail (1.00)
Douglas County									
9 N Sedalia	29	1650MST			0	0			Hail (1.75)
Arapahoe County									
2 N Deer Trail	29	1700MST			0	0			Hail (1.00)
Weld County									
21 N New Raymer	29	1710MST			0	0			Hail (0.75)
Arapahoe County									
2 NNE Deer Trail	29	1752MST			0	0			Hail (0.75)
Morgan County									
Wiggins	29	1800MST			0	0			Hail (0.88)
Morgan County									
Wiggins	29	1800MST			0	0			Thunderstorm Wind (G52)
Morgan County									
6 S Ft Morgan	29	1811MST	0.1	50	0	0	0	0	Tornado (F0)
A small tornado touched down briefly but did no damage.									
Arapahoe County									
3 E Deer Trail	29	1930MST			0	0			Hail (1.00)
Washington County									
Anton	29	1932MST			0	0			Hail (1.75)
Washington County									
2.5 N Arickaree	29	1956MST			0	0			Hail (1.75)
Washington County									
1 N Arickaree	29	1958MST			0	0			Hail (1.00)
Washington County									
2.5 N Arickaree	29	2002MST			0	0			Hail (1.25)
Lincoln County									
16 NE Limon	29	2040MST			0	0			Hail (1.00)
Larimer County									
1 S Ft Collins	30	1305MST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

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

COLORADO, Central and Northeast

Larimer County

Ft Collins	30	1315MST			0	0			Hail (1.00)
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Larimer County

9 SE Red Feather Lakes	30	1320MST			0	0			Hail (0.75)
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Weld County

10 E Hudson	30	1500MST 1511MST	0.1	50	0	0	0	0	Tornado (F0)
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A small tornado touched down but did no damage.

Weld County

Prospect	30	1521MST	0.1	50	0	0	0	0	Tornado (F0)
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A small tornado touched down but did no damage.

Arapahoe County

Aurora Cherry Creek	30	1710MST			0	0			Hail (0.75)
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Arapahoe County

Aurora Cherry Creek	30	1800MST			0	0			Hail (0.75)
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COLORADO, East Central

COZ090>091

Yuma County - Kit Carson County

05		2100MST			0	0			Heavy Snow
06		1400MST							

Light snow began during the evening hours of Saturday April 5th and intensified to heavy snow during the overnight hours across eastern Colorado, northwest Kansas and southwest Nebraska. Snow accumulations of 6 to 8 inches were common across Kit Carson county and southeast Yuma county. Snow and blowing snow resulted in reduced visibilities and hazardous travel conditions.

Kit Carson County

Burlington Arpt	15	1312MST			0	0			Thunderstorm Wind (G52)
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Cheyenne County

Kit Carson	15	1432MST			0	0			Thunderstorm Wind (G61)
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Strong winds broke wind equipment at coop observer location.

COZ091-091>092

Kit Carson County - Cheyenne County

15		1438MST			0	0			High Wind (G62)
16		0612MST							

A low pressure area developed over eastern Colorado on April 15th, which then intensified as it moved into western and central Kansas during the morning of April 16th. The strengthening pressure gradient resulted in a period of strong winds, mostly from midnight through daybreak on the 16th in eastern Colorado, and from midnight through noon on the 16th across western Kansas and southwest Nebraska. Reports of downed trees, tree limbs and damage to fences were received.

Yuma County

5 W Eckley	28	2300MST			0	0			Hail (1.75)
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Yuma County

1 N Wray	28	2330MST			0	0			Hail (1.00)
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Yuma County

1 N Wray	28	2330MST			0	0			Thunderstorm Wind (G61)
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Large sign blown down at local John Deere dealership.

Yuma County

Wray	28	2345MST			0	0			Hail (0.75)
	29	2345MST							

Kit Carson County

Flagler	29	1621MST			0	0			Hail (1.00)
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Kit Carson County

Flagler	29	1623MST			0	0			Hail (1.00)
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Kit Carson County

Flagler	29	1624MST			0	0			Hail (1.25)
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Kit Carson County

Flagler	29	1626MST			0	0			Hail (1.25)
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Kit Carson County

4 W Flagler	29	1627MST			0	0			Hail (1.75)
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Kit Carson County

Seibert	29	1655MST			0	0			Hail (1.25)
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Storm Data and Unusual Weather Phenomena

April 2003

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

Kit Carson County									
Seibert	29	1706MST			0	0			Hail (1.75)
Kit Carson County									
Seibert	29	1713MST			0	0			Hail (1.50)
Yuma County									
1 SW Vernon	29	2111MST			0	0			Hail (1.00)
Yuma County									
12 SE Wray	29	2130MST			0	0			Hail (2.25)
Hail broke windows in house and car. Specific location of report: County Road RR and Arikaree River.									
Yuma County									
12 SE Wray	29	2144MST			0	0			Hail (0.75)
Yuma County									
9 E Idalia	29	2259MST			0	0			Hail (0.75)

COLORADO, South Central and Southeast

COZ072>080-082>083-086>089-093>099	Northern Sangre De Cristo Mountains Between 8500 & 11000 Ft - Northern Sangre De Cristo Mountains Above 11000 Ft - Southern Sangre De Cristo Mountains Between 7500 & 11000 Ft - Southern Sangre De Cristo Mountains Above 11000 Ft - Northwest Fremont County Above 8500 Ft - West / Central Fremont County Below 8500 Ft - Westcliffe Vicinity / Wet Mountain Valley Below 8500 Ft - Wet Mountains Between 8500 And 10000 Ft - Wet Mountains Above 10000 Ft - Pikes Peak Above 11000 Ft - Canon City Vicinity / Eastern Fremont County - Pueblo Vicinity / Pueblo County Below 6300 Ft - Walsenburg Vicinity / Upper Huerfano River Basin Below 7500 Ft - Trinidad Vicinity / Lower Huerfano River Basin & Western Las Animas County Below 7500 Ft - Crowley County - La Junta Vicinity / Otero County - Eastern Las Animas County - Western Kiowa County - Eastern Kiowa County - Bent County - Lamar Vicinity / Prowers County - Springfield Vicinity / Baca County								
15	1329MST				0	0			High Wind (G61)
	2100MST								

A potent Pacific weather system brought high winds, just above warning criteria, to a large part of southeast Colorado. The system passed just north of southern Colorado, resulting in a strong southwesterly flow...followed by a strong west to northwest flow.

COZ072>075-079>080-087>088	Northern Sangre De Cristo Mountains Between 8500 & 11000 Ft - Northern Sangre De Cristo Mountains Above 11000 Ft - Southern Sangre De Cristo Mountains Between 7500 & 11000 Ft - Southern Sangre De Cristo Mountains Above 11000 Ft - Wet Mountains Between 8500 And 10000 Ft - Wet Mountains Above 10000 Ft - Walsenburg Vicinity / Upper Huerfano River Basin Below 7500 Ft - Trinidad Vicinity / Lower Huerfano River Basin & Western Las Animas County Below 7500 Ft								
19	0130MST				0	0			Heavy Snow
	1600MST								

An intense spring storm produced heavy snow over large sections of southeast Colorado...mainly above 6000 feet. Some of the heavier snow totals include 6 inches southeast of Fort Garland in Costilla county...9 inches 18 miles west of Aguilar in Las Animas county...up to 11 inches in Beulah in Pueblo county...12 inches at both La Veta Pass and Walsenburg in Huerfano county...13 inches at Rye in Pueblo county...14 inches 13 miles south-southeast of Walsenburg in Huerfano county...16 inches at La Veta in Huerfano county...18 inches was tallied 5 miles to the south of La Veta...and finally...the highest snow amount reported with this event was 23 inches at Cuchara in Huerfano county.

El Paso County									
Colorado Spgs	22	1536MST			0	0			Hail (0.75)
		1541MST							

COZ059-084	Leadville Vicinity / Lake County Below 11000 Ft - Northern El Paso County / Monument Ridge / Rampart Range Below 7500 Ft								
23	1200MST				0	0			Heavy Snow
24	0700MST								

A relatively slow moving and potent upper level storm system produced some heavy snows over the region. Some of the higher snowfall totals for this event include 8 inches 5 miles north of Peyton in El Paso county. Ten inches of snow graced Monument in northern El Paso county while 12 inches of snow covered the neighboring community of Black Forest. The highest reported snow total for this event was 18 inches approximately 2 miles northeast of Leadville in Lake county.

Storm Data and Unusual Weather Phenomena

April 2003

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

COZ001>014-017>023 Lower Yampa River Basin - Central Yampa River Basin - Roan And Tavaputs Plateaus - Elkhead And Park Mountains - Upper Yampa River Basin - Grand Valley - Debeque To Silt Corridor - Central Colorado River Basin - Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - Central Gunnison And Uncompahgre River Basin - West Elk And Sawatch Mountains - Flattop Mountains - Upper Gunnison River Valley - Uncompahgre Plateau And Dallas Divide - Northwestern San Juan Mountains - Southwestern San Juan Mountains - Paradox Valley / Lower Dolores River Basin - Four Corners / Upper Dolores River Basin - Animas River Basin - San Juan River Basin

01	0000MST				0	0			
30	2359MST								Drought

Despite several significant snowfall events, extreme drought conditions persisted throughout western Colorado. Please see the May 2003 Storm Data publication for a continuation of this drought saga.

COZ006-018 Grand Valley - Northwestern San Juan Mountains

02	0530MST				0	0	7K		
	2000MST								Strong Wind

A powerful early spring storm moved across the eastern Great Basin and produced strong and gusty winds across much of western Colorado. In the lower elevations, sustained winds ranged from 30 to 35 mph with widespread frequent gusts in the 45 to 55 mph range. Wind gusts in the 55 to 65 mph range were clocked across the mountains, with the highest measured wind gust of 81 mph at the Douglas Pass FAA radar site. Many aspen trees were blown down in and near Telluride. Visibilities were reduced to near zero in some areas due to blowing dust and blowing sand. In Rabbit Valley west of Grand Junction, the exterior of a tourist's car was sand blasted.

COZ004-010-013 Elkhead And Park Mountains - Gore And Elk Mountains/Central Mountain Valleys - Flattop Mountains

03	0600MST				0	0			
	2200MST								Winter Weather/Mix

A strong early spring storm system moved across the area and produced widespread significant snowfall across the northern mountains, and portions of the central mountains of western Colorado. Snowfall amounts ranged from 5 to 13 inches across the Elk, Park, Flattop, and Sawatch Mountains.

COZ006-011 Grand Valley - Central Gunnison And Uncompahgre River Basin

04	0000MST				0	0	9M		
	0800MST								Frost/Freeze

A second cold snap hit the west central valleys of western Colorado early in the growing season. Reported minimum temperatures ranged from the upper teens to mid 20s. Between this event and the previous freeze in late March of 2003, the apricots were nearly a total loss. Since only a small percentage of apricots are grown commercially in these areas, no damage cost estimate was made for apricots. Among the commercially grown fruit, peaches sustained most of the damage. Combined damage to the peaches from this event and the previous freeze in late March was very significant, with about an 80 percent loss in the Grand Valley and up to 50 percent loss in some of the orchards in Delta County. Damage to other commercially grown fruits was again minimal. It is nearly impossible to determine the amount of damage to the peach crop from this event compared to the previous freeze event. Therefore, the 9 million dollar estimate of damage to the peach crop listed with this event is actually the combined total from this event and the previous freeze event of March 28-29, 2003.

COZ004-009>010-012>013-018>019 Elkhead And Park Mountains - Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Flattop Mountains - Northwestern San Juan Mountains - Southwestern San Juan Mountains

06	2100MST				0	0			
07	0400MST								Winter Weather/Mix

A cold early spring storm system moved across western Colorado and produced widespread snowfall across the mountains. Snowfall amounts were generally in the 6 to 12 inch range, with local amounts up to 18 inches.

COZ006-011 Grand Valley - Central Gunnison And Uncompahgre River Basin

07	2130MST				0	0			
08	0700MST								Frost/Freeze

An unseasonably cold air mass produced widespread freezing temperatures across the lower valleys of west-central Colorado. Minimum temperatures were in the 20s. It is not known to what extent these freezing temperatures impacted the remaining fruit crop which had survived previous freezing temperature episodes in April and late March.

COZ009-012-018>019 Grand And Battlement Mesas - West Elk And Sawatch Mountains - Northwestern San Juan Mountains - Southwestern San Juan Mountains

15	0200MST				0	0			
	0500MST								Winter Weather/Mix

A strong Pacific storm system moved across the Four Corners area and produced widespread snowfall across the southern and central mountains of western Colorado. SNOTEL and ski resort observations indicated snowfall amounts of 5 to 12 inches mainly above the 8,000 foot level.

COZ009-012 Grand And Battlement Mesas - West Elk And Sawatch Mountains

18	0100MST				0	0			
	1500MST								Winter Weather/Mix

Storm Data and Unusual Weather Phenomena

April 2003

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

An upper level disturbance moved across western Colorado and produced snowfall amounts of 5 to 10 inches across much of the central mountains above 8,000 feet.

Mesa County

(Gjt)Walker Arpt COZ004-010-012>013	21	1257MST			0	0			Thunderstorm Wind (G60)
	23	0400MST			0	0			Heavy Snow
	24	1000MST							

Elkhead And Park Mountains - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Flattop Mountains

A strong spring storm produced heavy snowfall across the northern mountains and portions of the central mountains in western Colorado. SNOTEL and spotter measurements indicated snowfall amounts from one to three feet across the area. This resulted in road closures and restrictions on high elevation roadways and passes.

COZ009-018>019

Grand And Battlement Mesas - Northwestern San Juan Mountains - Southwestern San Juan Mountains

	23	0400MST			0	0			Winter Weather/Mix
	24	1000MST							

A strong storm system moved across western Colorado and produced significant snow across the central and southern mountains. SNOTEL and spotter reports indicated widespread snowfall amounts of 5 to 12 inches with local amounts up to 18 inches.

COZ005

Upper Yampa River Basin

	23	0900MST			0	0	30K		Heavy Snow
	24	0500MST							

A strong storm system moved across western Colorado and produced heavy snow across the upper Yampa River Basin. Spotters reported widespread snowfall amounts from 6 to 12 inches with locally higher accumulations up to 20 inches. The heavy snow brought down many trees and power lines in the area. Two snowmobiles were damaged when struck by falling trees.

COZ002

Central Yampa River Basin

	23	1000MST			0	0			Winter Weather/Mix
	24	0400MST							

A strong storm system moved across western Colorado and produced significant snowfall across the central Yampa River Basin. Spotters reported widespread snowfall amounts of 3 to 5 inches. The Hayden area was the exception with reported accumulations of just over 12 inches.

COZ021

Four Corners / Upper Dolores River Basin

	23	1200MST 1800MST			0	0	25K		Strong Wind
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Strong northwest winds howled behind a cold front in the southwest corner of Colorado. A large sprinkler irrigation system on a farm just east of Cahone was destroyed when it was slammed against utility poles, a fence, and into a barrow pit.

CONNECTICUT, Northeast

NONE REPORTED.

CONNECTICUT, Northwest

NONE REPORTED.

CONNECTICUT, Southern

NOT RECEIVED.

DELAWARE

DEZ001

New Castle

07	0700EST 1200EST				0	0			Winter Weather/Mix
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A low pressure system passing to the south of the Delmarva Peninsula and a high pressure system passing across nearby Canada and New England once again combined to give northern New Castle County its last snow event of the season. Precipitation started as snow during the morning commute. Warmer air arriving from the nearby Atlantic near the surface and the southern states aloft changed the snow to sleet and then to rain throughout the county by early afternoon. Accumulations averaged around one inch from the city of Wilmington north. Only a trace of snow and sleet accumulated at the New Castle County Airport. Nevertheless the winter season of 2002-3 was the third snowiest winter on record as 46.0 inches accumulated. The low pressure system moved from the Gulf Coast states on the 6th into the Tennessee Valley the night of the 6th. As the primary low pressure system moved toward Ohio the morning of the 7th, a secondary low pressure system was forming near Cape Hatteras, North Carolina. This second low pressure system became the primary system and moved northeast. It was just east of Wallops Island, Virginia during the evening of the 7th and was well east of the Delmarva Peninsula just past midnight EDT on the 8th.

Storm Data and Unusual Weather Phenomena

April 2003

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

DEZ001>004

New Castle - Kent - Inland Sussex - Delaware Beaches

17	2000EST				0	0	0	0	Astronomical High Tide
18	0100EST								

The combination of spring tides and a persistent onshore flow produced pockets of minor tidal flooding along the Delaware coast, in Delaware Bay and tidal sections of the Delaware River. In addition, strong winds created heavy surf. One of the Delaware Bay entrance buoys was unmoored and washed ashore on Dewey Beach. The high tide reached 6.63 feet above mean lower low water at Breakwater Harbor (Sussex County). Minor tidal flooding starts at 6.7 feet above mean lower low water. The high tide reached 7.20 feet above mean lower low water at Reedy Island (New Castle County). Minor tidal flooding starts at 7.2 feet above mean lower low water. A cold front moved through Delaware early on the 17th. A large high pressure system moved across New England on the 17th into the Canadian Maritimes on the 18th. Meanwhile, a weakening low pressure system moved from Illinois the morning of the 17th into Indiana during the evening of the 17th. The pressure difference between the two systems produced a strong onshore flow. Tides were already higher than normal due to the recent full moon. The low pressure system weakened further on the 18th and the high pressure system moved offshore. This reduced the onshore flow.

DISTRICT OF COLUMBIA

NOT RECEIVED.

FLORIDA, East Central

Brevard County

Titusville	09	1850EST			0	0	0	0	Hail (0.75)
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Lake County

Altoona	25	1435EST			0	0	0	0	Hail (0.75)
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Lake County

Mt Dora	25	1443EST			0	0	0	0	Hail (0.75)
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Volusia County

De Land	25	1512EST			0	0	0	0	Hail (1.00)
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Seminole County

Lake Mary	25	1533EST			0	0	0	0	Hail (1.00)
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Volusia County

New Smyrna Beach	25	1543EST			0	0	0	0	Hail (0.88)
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Brevard County

Cape Canaveral	25	1548EST			0	0	0	0	Hail (0.88)
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Brevard County

West Melbourne	25	1600EST			0	0	0	0	Hail (2.00)
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Brevard County

Palm Bay	25	1603EST			0	0	0	0	Hail (0.88)
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Orange County

5 S Orlando	25	1605EST			0	0	0	0	Hail (0.75)
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Brevard County

West Melbourne	25	1610EST			0	0	0	0	Hail (0.75)
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Dime size hail was also reported in Palm Bay.

Orange County

Winter Park	25	1611EST			0	0	0	0	Hail (0.75)
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Seminole County

Oviedo	25	1618EST			0	0	0	0	Hail (0.75)
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Brevard County

Melbourne	25	1619EST			0	0	0	0	Hail (1.75)
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Golf ball size hail was also reported in Palm Bay.

Brevard County

Satellite Beach	25	1627EST			0	0	0	0	Hail (0.88)
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Brevard County

Malabar	25	1635EST			0	0	0	0	Hail (1.00)
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Orange County

Bithlo	25	1648EST			0	0	0	0	Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 2003

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, East Central</u>									
Brevard County									
5 S Melbourne Beach to Melbourne Beach	25	1703EST			0	0	0	0	Hail (0.75)
Brevard County									
Cocoa	25	1815EST			0	0	0	0	Hail (0.88)
<u>FLORIDA, Extreme Southern</u>									
Monroe County									
Key West Intl Arpt	27	1510EST 1517EST			0	0	0		Hail (1.00)
Monroe County									
.5 N Key West Intl Arpt Key West Intl Arpt	27	1512EST			0	0	0		Hail (1.50)
Monroe County									
1 W Key West Intl Arpt	27	1515EST			0	0	0		Hail (1.00)
Monroe County									
1 NW Key West Intl Arpt	27	1517EST			0	0	0		Hail (1.75)
Golfball-sized hail reported on Flagler Avenue in New Town section of Key West.									
Monroe County									
2 NW Key West Intl Arpt	27	1520EST			0	0	0.25K		Hail (0.75)
3/4 inch hail cracked windshield on car on Simonton Ave.									
A severe thunderstorm developed and moved southeast over Key West. Small hail of 1/2-inch or smaller began 1502 EST over Old Town Key West...and spread throughout the remainder of Key West...Stock Island and Boca Chica Key through 1527 EST. Golfball-sized hail reported over central Key West was the largest hail ever reported since records began in 1871, and tied the largest hail size ever reported in Monroe County, Florida. This event was the 11th time hail of any size was recorded in the city of Key West since 1871.									
<u>FLORIDA, Northeastern</u>									
St. Johns County									
Crescent Beach	08	1554EST			0	0			Funnel Cloud
Funnel along A1A one half mile north of State Road 206.									
Baker County									
Sanderson	09	1600EST			0	0			Funnel Cloud
Just north of Sanderson along U.S. Highway 90.									
Baker County									
Taylor	09	1600EST			0	0			Hail (0.75)
Penny sized hail with estimated 40 mph gusts.									
Nassau County									
Callahan	09	1630EST			0	0			Hail (1.25)
Golfball sized hail.									
Alachua County									
High Spgs	25	1330EST			0	1			Thunderstorm Wind (G45)
Female struck by a tree blown down by high winds. Report received from Florida DEM state warning point, injured party's condition unknown.									
Baker County									
Olustee	25	1335EST			0	0			Hail (0.88)
Alachua County									
High Spgs	25	1340EST	0.1	10	0	0			Tornado (F0)
Brief touchdown reported at intersection of County Road 241 and U.S. 441.									
Union County									
Countywide	25	1340EST 1400EST			0	0			Thunderstorm Wind (G60)
Numerous trees down across the northern portion of the county.									
Union County									
2 N Lake Butler	25	1355EST			0	0			Hail (2.75)

Storm Data and Unusual Weather Phenomena

April 2003

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

Suwannee County

4 N Live Oak 25 1400EST 1 50 0 0 **Tornado (F0)**
 Spirit of the Suwannee Music Park. 50 yard wide path of .5 to 1 mile in length. At least 40 trees down and snapped off or uprooted. Tents blown down. Workers reported hearing a load roaring sound. Reported by Bob Phelps, Public Relations.

Bradford County

2 N Brooker 25 1405EST 0 0 **Thunderstorm Wind (G60)**
 Numerous trees down.

Alachua County

5 W (Gnv)Gainesville A1 25 1405EST 0.1 10 0 0 **Tornado (F0)**
 Public reported a brief touchdown on NW 43rd St. in Gainesville.

Alachua County

5 W (Gnv)Gainesville A1 25 1405EST 0 0 **Hail (0.75)**

Duval County

2 E (Jax)Jacksonville Int 25 1415EST 0 0 **Thunderstorm Wind (G60)**
 Basketball goal rooted in three feet of concrete blown down and dragged 20 feet. Tree down in vicinity.

Duval County

2 S Marietta 25 1415EST 0 0 **Hail (0.75)**

Nassau County

Countywide 25 1415EST 0 0 **Thunderstorm Wind (G60)**
 1430EST

Numerous trees and power lines reported down across the county with power outages. Local newspaper reports some trees blown onto houses. At least a dozen trees downed on the North Hampton Golf Course off A1A. One tree fell on an occupied car with no injuries. Several hanger doors blown off at Fernandina Beach Airport.

Alachua County

La Crosse 25 1420EST 0 0 **Thunderstorm Wind (G55)**
 Trees down on State Road 21. Trees and power lines downed near Newmans Lake.

Marion County

Countywide 25 1430EST 0 0 **Thunderstorm Wind (G60)**
 1550EST
 Numerous trees and power lines down in Marion Oaks, Fellowship, Anthony, Dunnellon and McIntosh.

Putnam County

Countywide 25 1430EST 0 0 **Thunderstorm Wind (G52)**
 1445EST
 Numerous trees down in Palatka, Florahome, Satsuma and Interlachen. Winds estimated at 52 knots 8 miles east of Interlachen. Railroad crossing arm broken by wind in Satsuma.

Marion County

**6 E Silver Spgs to
4 S South Ocala** 25 1450EST 0 0 **Funnel Cloud**
 1515EST
 Funnel cloud moving south, no touchdown reported.

St. Johns County

Bakersville 25 1508EST 0 0 **Hail (0.88)**

Flagler County

4 N Bunnell 25 1510EST 0 0 **Hail (1.00)**
 In Palm Coast, pea sized hail in Bunnell.

Duval County

Neptune Beach 26 1435EST 0 0 **Thunderstorm Wind (G55)**
 3 large trees blown down at the intersection of Forest Ave and Indian Woods Drive and also the Intersection of Strickland Rd. and Jaboe Lane.

FLORIDA, Northwest

Calhoun County

Blountstown 05 1645EST 0 0 **Hail (1.75)**
 Golfball size hail reported by the Calhoun County Sheriff.

Liberty County

Bristol 05 1655EST 0 0 **Hail (1.75)**
 1705EST
 Golfball size hail covered the ground. Reported by the Liberty County EMA.

Storm Data and Unusual Weather Phenomena

April 2003

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, Northwest</u>									
Walton County									
New Harmony	25	0520EST	0.2	75	0	0	100K		Tornado (F0)
A weak tornado briefly touched down. A barn and several homes were damaged, along with downed trees. Reported by a SKYWARN storm spotter.									
Walton County									
Paxton	25	0540EST			0	0	1K		Thunderstorm Wind (G50)
Downed trees reported by a SKYWARN storm spotter.									
Gulf County									
5.2 WSW Indian Pass to 5 WSW Indian Pass	25	1005EST 1008EST	0.2	50	0	0	250K		Tornado (F0)
A waterspout came ashore near Windward Street on Cape San Blas. The weak tornado uprooted trees and power lines, and damaged a dozen homes as it moved northeast through Port, Leeward and Angle Fish Streets. Reported by the Gulf County EMA.									
<u>FLORIDA, Southern</u>									
Miami - Dade County									
10 E Golden Glades	16	0607EST			0	0			Funnel Cloud
A pilot reported a funnel cloud 10 miles east of Bal Harbour.									
Palm Beach County									
5 S South Bay to 8 S South Bay	18	1600EST 1620EST	3	30	0	0			Tornado (F1)
Police watched a tornado touch down in the sugar cane fields and travel south at 10 mph. No crop damage or injuries were reported.									
FLZ068									
Coastal Palm Beach									
	20	1600EST			2	0			Heavy Surf/High Surf
Swell from Subtropical Storm Ana combined with an outgoing tide caused a small craft to capsize as it attempted to traverse the Jupiter Inlet. Two tourists drowned and two others were rescued. M651W, F641W									
Palm Beach County									
Boynton Beach	26	0440EST			0	0			Thunderstorm Wind (G52)
A SKYWARN spotter estimated wind gusts of 60 mph.									
Miami - Dade County									
Kendall	26	0735EST			0	0			Thunderstorm Wind (G50)
A thunderstorm wind gust of 58 mph was estimated near Kendall Drive and 157 Avenue.									
Broward County									
Margate	27	1902EST			0	0			Hail (1.00)
A SKYWARN spotter saw one inch hail in Margate and police reported 3/4 inch hail in Coconut Creek.									
Collier County									
Immokalee	28	1330EST			1	2			Lightning
A 52-year old Mexican national was killed while working near a ditch at a farm two miles from Oil Well Road. Two other men standing about 10 feet away were injured by the same lightning strike. It was raining heavily at the time. It was raining heavily at the time. M52OU									
Miami - Dade County									
Coral Gables	29	1535EST 1635EST			0	0			Hail (0.75)
Miami - Dade County									
Coral Gables	29	1535EST			0	0	10K		Thunderstorm Wind (G60)
A severe thunderstorm blew down a one-foot diameter tree damaging two vehicles. Hail was seen near Miller Drive and University Drive on the University of Miami campus.									
Miami - Dade County									
Miami	29	1545EST			0	0	25K		Thunderstorm Wind (G70)
A severe thunderstorm wind gust damaged scaffolding on the top floor of a high rise condominium under construction near downtown Miami.									

FLORIDA, West Central

FLZ039-042>043-048>049 **Levy - Citrus - Sumter - Hernando - Pasco**

01	0000EST 0700EST				0	0			Frost/Freeze
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Canadian high pressure settled into Florida and dropped overnight low temperatures to 20 degrees below normal across inland areas. A weather station near Inverness reported a low of 30 degrees which broke the previous record of 34 set in 1987, normal is 53.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time 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

Temperatures in the upper 20s were found near the Withlacoochee river along the Sumter county border. This area reported 5 to 7 hours of below freezing temperatures while temperatures touched freezing for one or two hours elsewhere.

Levy County

Williston to Inglis	25	1345EST 1410EST			0	0	30K		Thunderstorm Wind (G55)
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The Sheriff Office reported numerous trees and power lines down, along with roof damage to sheds and barns, from Williston to Morriston to Inglis.

Citrus County

5 SSE Crystal River to 5 NNE Crystal River	25	1515EST			0	0	30K		Thunderstorm Wind (G60)
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Local utility reported numerous trees and power lines down in the western part of the county. Some homes were without power for 24 hours.

Pinellas County

Clearwater	25	2135EST 2145EST			0	0	40K		Thunderstorm Wind (G50)
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Thunderstorms rolled in from the Gulf of Mexico Friday evening bringing damaging winds and rain that blew away vendors' tents at the Smooth Jazz Fest and left two inches of rain on the stage. The winds also caused major damage to the roof of a police substation on South Greenwood Avenue as the communication tower was toppled.

Pinellas County

St Petersburg	25	2155EST			0	0			Hail (1.00)
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Pinellas County

St Petersburg	25	2201EST			0	1	65K		Thunderstorm Wind (G60)
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The canopy over the gas pumps at a local station overturned and a roof collapsed at a nearby apartment.

Pinellas County

St Petersburg	25	2201EST			0	0			Hail (0.75)
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Hillsborough County

Ruskin to Wimauma	25	2215EST 2235EST			0	0			Thunderstorm Wind (G55)
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A local utility reported numerous trees and power lines down.

Pinellas County

St Petersburg Beach	26	0000EST 0100EST			0	0	30K		Flash Flood
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The Sheriff's Office reported roads closed due to high water. Water was deep enough to damage vehicles.

Sarasota County

5 SE Sarasota	26	0140EST 0200EST			0	0			Thunderstorm Wind (G55)
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Local utility reported numerous trees and power lines down.

FLORIDA, West Panhandle

Escambia County

Pensacola Beach	07	0950CST			1	0			Rip Current
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A male from Georgia drowned while trying to rescue his son who was caught in rough surf. The boy was rescued but the man died. He drowned in an unguarded part of the beach. Red flags were flying at the time of the drowning warning swimmers of dangerous surf conditions. Lifeguards rushed to the scene but were too late to save the man.
M37IW

Okaloosa County

Ft Walton Beach	08	0700CST 0800CST			0	0			Flash Flood
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Heavy rains from slow moving thunderstorms caused several streets to flood in the Fort Walton Beach area. Some side streets had to be closed for about an hour due to high water. Radar estimated that four to six inches of rain fell across the area.

Santa Rosa County

Munson	25	0330CST 0331CST			0	0	5K		Thunderstorm Wind (G55)
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High winds from a thunderstorm blew down several trees just southwest of Munson.

Okaloosa County

Auburn	25	0355CST 0357CST	0.1	20	0	0	10K		Tornado (F0)
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A weak tornado briefly touched down near Auburn. Several trees were blown down. An unoccupied trailer was damaged when a tree fell on it.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>FLORIDA, West Panhandle</u>									
Okaloosa County									
Dorcas	25	0410CST 0411CST	0.1	20	0	0	5K		Tornado (F0)
A weak tornado briefly touched down near Dorcas. Several trees were blown down.									
<u>GEORGIA, East Central</u>									
Burke County									
Keyville	07	0520EST			0	0	0	0	Hail (0.75)
Keyville FD reported 3/4 inch hail and 1.5 inches of rain.									
<u>GEORGIA, Lower</u>									
Brantley County									
Atkinson	25	1240EST			0	0			Hail (0.75)
State Road 82 were it cross the Satilla River.									
Charlton County									
St George	25	1245EST 1300EST			0	0			Thunderstorm Wind (G60)
Strong winds, trees downed on power lines in St. George.									
Glynn County									
Everett	25	1320EST			0	0			Hail (0.88)
Reported along highway 341.									
Glynn County									
Thalman	25	1354EST	0.1	10	0	0			Tornado (F0)
Brief touchdown reported by public and law enforcement.									
<u>GEORGIA, North and Central</u>									
Harris County									
6 W Mulberry Grove	05	1820EST			0	0			Hail (0.75)
The public reported penny-sized hail one mile east of Goat Rock Dam on Lake Harding.									
Muscogee County									
3.5 NNE Columbus	05	1845EST			0	0			Hail (0.88)
An off duty television meteorologist for WDTM TV of Columbus reported penny to nickel-sized hail.									
Butts County									
Jackson to 7 NE Jackson	06	1954EST 1957EST			0	0			Hail (0.75)
The public reported penny-sized hail in Jackson and at Lake Jackson.									
Clayton County									
6 SE Jonesboro	06	2054EST			0	0			Hail (0.75)
The public reported penny-sized hail.									
Jefferson County									
Wrens	07	0518EST			0	0			Hail (1.00)
The Wrens Police Department reported quarter-sized hail.									
Troup County									
La Grange	07	0755EST			0	0			Heavy Rain
The Troup county 911 center reported that very heavy rain was resulting in street flooding. Several streets in the city had water standing on them.									
Troup County									
Countywide	07	1030EST 1330EST			0	0	25K		Flash Flood
The Troup county Emergency Management Director and the Troup county Road Department reported that there was substantial flooding ongoing in the county. Numerous roads were flooded and several creeks were out of their banks. At least three homes were also flooded. Several roads had to be closed, including John Loveless Road and Lower Big Springs Road.									
Meriwether County									
Countywide	07	1120EST 1320EST			0	0			Flash Flood
The Greenville Water Department reported that numerous roads were flooded in the area.									
Pike County									
Countywide	07	1120EST 1320EST			0	0			Flash Flood
The Pike County Road Department reported that numerous roads across the county were flooded with water flowing across them.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>GEORGIA, North and Central</u>									
De Kalb County									
Doraville	21	1112EST			0	0			Lightning
The Gwinnett Daily Post of Lawrenceville reported that lightning struck a home on Park Road. However, no monetary damage was suffered.									
Gwinnett County									
Lawrenceville	21	1123EST			0	0	5K		Lightning
The Gwinnett Daily Post of Lawrenceville reported that lightning struck a home on Cheyenne Lane. The lightning started a fire in the wall of the house. However, the fire was quickly extinguished and damage to the house was minimal.									
Carroll County									
3 ESE Carrollton to Carrollton	21	1520EST 1533EST			0	0			Hail (1.00)
The public reported quarter-sized hail from Oak Mountain to Carrollton.									
De Kalb County									
1 ENE Avondale Estates	21	1540EST			0	0			Hail (1.00)
A relative of a NWS employee reported mostly penny, but a few hailstones the size of a quarter on Memorial Drive at Interstate 285.									
Coweta County									
Sharpsburg	21	1627EST			0	0			Hail (0.75)
The public reported penny-sized hail.									
Polk County									
Esom Hill	25	1638EST			0	0			Funnel Cloud
The Polk county 911 center relayed reports of a funnel cloud. NWS Doppler radar did detect a mesoscale circulation in the vicinity.									
Polk County									
Cedartown to Aragon	25	1645EST 1715EST			0	0			Hail (1.00)
Numerous reports of hail, ranging in size from pennies to golf balls, were received from a variety of sources. The county 911 center and the Cedartown Fire Department reported nickel to golf ball-sized hail in Cedartown, while the public reported quarter-sized hail in Aragon and Van Wert.									
Polk County									
5 SW Cedartown	25	1702EST			0	0	10K		Thunderstorm Wind (G56)
A survey team from the Peachtree City, Georgia National Weather Service (NWS) office reported that a severe downburst or microburst, affecting a small area off Fullmer Road southwest of Cedartown, just north of the Haralson county line resulted in the destruction of a large storage shed. The shed and its roof were strewn over a 50 to 100 yard wide area north of where the storage shed had been originally located. In addition, several large trees were either blown over or broken off approximately 15 to 20 feet above the ground. There were several reports from the public of funnel clouds and tornadoes in the area at the time, but the NWS survey team determined that this was not a tornado since all of the debris was blown in one northerly direction.									
Paulding County									
5 W Dallas to New Hope	25	1730EST 1740EST			0	0			Hail (0.88)
The public reported penny-sized hail in New Hope and nickel-sized hail covering the ground several inches deep five miles west of Dallas. Then, at 640 pm EDT, the public reported that golf ball-sized hail covered the ground 5 miles south of Dallas. There was also a report of a tornado touchdown near U.S. Highway 278 just north of Hiram in eastern Paulding county. However, a NWS survey team found no evidence of a tornado touchdown anywhere in Paulding county. Local television and storm spotter video clearly indicated that there was a wall cloud in the Hiram area, but no definite funnel cloud or tornado was observed and no wind damage was reported in the area.									
Cobb County									
Powder Spgs to Gilmore	25	1740EST 1821EST			0	0			Hail (2.00)
Numerous reports of nickel to golf ball-sized hail were received from the public from Powder Springs, to Austell, to Mableton, to Gilmore, to Vinings, to Smyrna. The public reported golf ball-sized hail in Austell and Vinings. A storm spotter observed golf ball-sized hail on I-285 at the Atlanta Road exit just southwest of Gilmore. The public reported that nickel-sized hail covered the ground in Powder Springs and Smyrna. Hail up to 2.00 inches in diameter was reported by the public from the Mableton area.									
Cobb County									
Vinings	25	1800EST			0	0	150K		Lightning
The Atlanta Journal-Constitution reported that lightning struck a two-story home near Vinings. The roof caught fire and the roof and second floor suffered major damage.									
Fulton County									
6 NNE Atlanta	25	1815EST			0	0	5K		Thunderstorm Wind (G45)
The Fulton county Emergency Management Director reported that a tree fell on and caused damage to a private residence in the Buckhead community.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
GEORGIA, North and Central									
Fulton County									
3 N Bolton to 6 NE Atlanta	25	1817EST 1820EST			0	0			Hail (1.75)
Several local Atlanta television stations reported and showed pictures of quarter to golf ball-sized hail, in some cases covering the ground. In Buckhead, hail covered the sidewalks and parking lots at the Lennox Square Mall. The hail blocked a drainage system on Interstate 75 between downtown Atlanta and Interstate 285 on the northwest side of Atlanta causing the Interstate to be closed for 1 1/2 hours. This caused a major backup of traffic for several miles in the area.									
De Kalb County									
Decatur to Tucker	25	1835EST			0	0			Hail (1.75)
The public reported golf ball-sized hail in Decatur and Tucker.									
Marion County									
Buena Vista	25	1915EST			0	0			Hail (0.88)
The Marion county 911 center reported nickel-sized hail.									
Dade County									
3 WSW Trenton to Trenton	25	1947EST			0	2	100K		Thunderstorm Wind (G65)
The Dade county Emergency Management Director reported that a microburst or downburst caused considerable damage to three structures on the west side of Trenton, as well as blowing down a number of trees and power lines in the area. A woman and her child were driving along Back Valley Road, just south of Georgia Highway 136 near Gass, when a tree broke off some 10 to 15 feet above the ground and fell on their minivan. The child was trapped in the vehicle and had to be rescued. Both received injuries from the incident. A third person was trapped in his vehicle at a MAPCO gasoline service station in Trenton when the awning from the station was ripped loose from the building, pinning the man in his vehicle. Although the man had to be rescued from his vehicle, he did not suffer any injuries. Along Georgia Highway 136 near Gass, west of Trenton, a fruit and vegetable stand suffered extensive damage. The facade of the main building of the business was destroyed. A secondary building, including its contents, was completely destroyed, and a carport structure, that was also part of the facility, was thrown across the highway by thunderstorm winds. Next door at a service station, one of the gasoline pumps was damaged, two windows were broken, and some of the goods inside were knocked over and damaged or destroyed. Behind the service station, a lumber and salvage yard also suffered damage from the thunderstorm winds. Metal was blown through the front door and some materials stacked up outside were either damaged or blown away. Although there were reports of funnel clouds and tornadoes in the area, the Dade Emergency Manager detected no rotation in the damage area and concluded that the damage was caused by a microburst, not a tornado. He indicated that the damage area was one-half to one mile long and all mostly within a 100 yard wide area.									
Stewart County									
Lumpkin	25	2000EST			0	0			Hail (0.88)
The Stewart county Emergency Management Director reported nickel-sized hail.									
Upson County									
Thomaston	25	2015EST			0	0	100K		Lightning
The Thomaston Times reported that a chicken house was struck and completely destroyed by lightning, including 15,000 two-and-a-half-year-old chickens. The local power company determined that the lightning struck a power transformer behind the building and started a fire at every electrical outlet in the structure.									
Sumter County									
Andersonville	25	2022EST			0	0			Hail (1.75)
The Sumter county Emergency Manager reported golf ball sized-hail.									
Webster County									
Preston	25	2030EST			0	0			Hail (1.75)
The Webster county 911 center reported golf ball-sized hail.									
Sumter County									
Americus	25	2035EST			0	0			Hail (1.75)
The public reported golf ball-sized hail.									
Polk County									
Cedartown	25	2115EST 2130EST			0	0			Hail (1.75)
Several reports were received from the public of hail ranging in size from dimes to golf balls.									
Dooly County									
Vienna	25	2130EST			0	0			Hail (0.75)
The Dooly county 911 center reported penny-sized hail.									
Cobb County									
2 ESE Westoak	30	1315EST			0	0			Hail (0.75)
A storm spotter reported penny-sized hail at Blackjack Mountain.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Hall County									
5 WNW Roberts Xrds	30	1320EST			0	0			Hail (0.75)
									A storm spotter reported penny-sized hail at the Holiday Marina on the southeast side of Lake Lanier. Pea-sized hail was later reported at 240 pm EST ten miles northwest of Gainesville.
Fannin County									
Mc Caysville	30	1350EST			0	0			Hail (1.75)
									The public reported dime to golf ball-sized hail.
Forsyth County									
Cumming	30	1410EST 1415EST			0	0			Hail (1.00)
									Two reports of quarter-sized hail were received from the public. In one case, the hail was reported to have covered the ground.
Forsyth County									
Cumming to 3 SW Drew	30	1435EST 1500EST			0	0			Hail (1.00)
									Several reports of quarter-sized hail were received from the Cumming area, while several reports of hail ranging in size from dimes to nickels were received from Drew and the Camp Ground Road area southwest of Drew near the Cherokee/Fulton county line.
Gilmer County									
3 E Ellijay	30	1435EST			0	0			Hail (0.88)
									The Gilmer county 911 center reported nickel-sized hail.
Cherokee County									
3 SE Holbrook	30	1442EST			0	0			Hail (0.88)
									The public reported nickel-sized hail near the Forsyth county line.
Pickens County									
5 NE Jasper to Marblehill	30	1448EST			0	0			Hail (1.00)
									The Pickens county Emergency Manager reported nickel-sized hail in the Grandview community area northeast of Jasper, while the public reported quarter-sized hail in Marble Hill.
Gordon County									
2 E Fairmount	30	1455EST			0	0			Hail (0.75)
									The public reported penny-sized hail.
Union County									
5 SE Blairsville	30	1520EST			0	0			Hail (1.00)
									The public reported quarter-sized hail.
Gordon County									
2 S Oakman	30	1535EST			0	0			Hail (0.88)
									The public reported nickel-sized hail at the intersection of U.S. Highway 411 and Red Bud Road in the Colima community, south of Oakman. Street flooding was also reported in this area.
Bartow County									
Cassville	30	1545EST 1650EST			0	0			Hail (1.00)
									An amateur radio operator reported quarter-sized hail near Cassville while the public reported penny-sized hail in Cassville.
Bartow County									
Allatoona	30	1613EST			0	0			Hail (0.88)
									The public reported nickel-sized hail on Allatoona Landing Road near Lake Allatoona. Hail fell for up to 10 minutes at this location.
Gordon County									
Redbud to Ranger	30	1615EST 1700EST			0	0			Flash Flood
									The public reported that heavy rain from persistent thunderstorms caused Salacoa Creek and Lick Creek to rapidly rise up to bridge level on Georgia Highway 156 just east of Redbud. Traffic was brought to a standstill in this area for about 30 minutes. Near Ranger, debris and water was washed over Shirley Road and Liberty Church Roads. Some standing water was also reported on roads in Calhoun.
Bartow County									
2 NW Taylorsville	30	1630EST			0	0	150K		Lightning
									The Bartow county Emergency Management Director reported that lightning struck a home on Mullinax road northwest of Taylorsville causing extensive damage to the structure.
Chattooga County									
2 E Lyerly	30	1700EST			0	0			Hail (0.75)
									A former radio station news director reported penny-sized hail.

Storm Data and Unusual Weather Phenomena

April 2003

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

Polk County

3 E Cedartown **30** **1827EST** **0** **0** **Hail (0.88)**
 A Cedartown radio station reported nickel-sized hail on Collard Valley Road.

GEORGIA, Northeast

Elbert County

Ruckersville **21** **1635EST** **0** **0** **Thunderstorm Wind (G50)**

Elbert County

7 N Elberton to **21** **1730EST** **0** **0** **Flash Flood**
7 NNW Elberton **1930EST**

Heavy rain resulted in rapid rises and flooding along a stream near Centerville. A secondary road and a portion of highway 77 required closing.

Elbert County

Elberton **25** **2044EST** **0** **0** **Hail (0.75)**

Habersham County

Tallulah Falls **29** **1613EST** **0** **0** **Hail (0.75)**

Habersham County

Tallulah Falls **29** **1630EST** **0** **0** **Hail (0.88)**

Rabun County

4 SSE Lakemont **29** **1651EST** **0** **0** **Hail (1.50)**
 Hail was reported near Tallulah Falls.

Habersham County

Tallulah Falls **29** **1651EST** **0** **0** **Hail (1.50)**

Habersham County

Demorest **29** **1715EST** **0** **0** **Hail (1.25)**

Elbert County

8 NE Elberton **29** **2025EST** **0** **0** **Hail (1.00)**

Stephens County

6 N Toccoa **30** **1730EST** **0** **0** **Hail (1.00)**
 Hail accumulated to a depth of 3 inches.

Habersham County

Tallulah Falls **30** **1730EST** **0** **0** **Hail (1.00)**
 Hail covered the ground.

Rabun County

7 SW Clayton **30** **1745EST** **0** **0** **Hail (1.00)**
 Hail was reported at Lake Burton.

GEORGIA, Southeast

Bryan County

2 SE Richmond Hill **07** **1900EST** **0** **0** **Flash Flood**
1930EST
 Flooding occurred along Highway 144. The road became impassable for a while.

Chatham County

Savannah **07** **1900EST** **0** **0** **Flash Flood**
1930EST
 Significant flooding was occurring in several neighborhoods with some roads impassable.

Chatham County

Savannah **08** **1600EST** **0** **0** **Flash Flood**
1630EST
 WSAV meteorologist reported 37th Street completely flooded and impassable.

Bryan County

Keller **08** **1800EST** **0** **0** **Flash Flood**
1830EST
 Water flowed across Highway 144 outside of Fort McAllister. Also, there was significant standing water in Keller.

Chatham County

Savannah **08** **1810EST** **0** **0** **Flash Flood**
1830EST
 WTOC meteorologist reported that there were numerous roads that were impassable due to high water. Additionally, motorists were getting stranded in some areas according to the county warning point.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>GEORGIA, Southeast</u>									
GAZ087 Jenkins									
	10	0730EST 0815EST			0	0			Flood
	Heavy rainfall on saturated ground caused several roads to become impassable as water ponded on the roads.								
Screven County									
7 SW Sylvania	18	1650EST			0	0			Thunderstorm Wind (G52)
	Thunderstorm winds knocked down numerous large limbs.								
Mcintosh County									
7 E Cox	25	1230EST			0	0			Thunderstorm Wind (G50)
	Several trees and large limbs were down.								
Screven County									
Sylvania	26	0620EST			0	0			Hail (0.75)
Effingham County									
Springfield	26	0720EST			0	0			Hail (0.75)
<u>GEORGIA, Southwest</u>									
Grady County									
3 N Cairo	07	1955EST			0	0			Thunderstorm Wind (G50)
	Several trees down across the intersection of State Roads 93 and 111. Reported by Grady County 911.								
Decatur County									
5 N Bainbridge	25	0907EST			0	0	1K		Thunderstorm Wind (G50)
	Downed trees just east of the Decatur County airport. Reported by a commercial pilot.								
Early County									
Hilton	26	0000EST			0	0			Hail (0.75)
	Dime size hail reported by the Early County EMA.								
Miller County									
Colquitt	26	0005EST			0	0			Hail (1.75)
	Golfball size hail reported by the Miller County EMA.								
Grady County									
Cairo	26	0200EST			0	0			Hail (0.75)
	Dime size hail reported by Grady County 911.								
<u>GULF OF MEXICO</u>									
Pascagoula Ms To Sw Pass Of Ms R Out 20Nm									
2 S Biloxi	07	1510CST			0	0			Waterspout
	A waterspout was observed near Deer Island.								
Lake Ponchartrain And Lake Maurepas									
W Lake Pontchartrain	08	0630CST			0	0			Waterspout
	A large waterspout was observed by the public just north of the Bonne Carre Spillway.								
Mobile Bay									
Alabama Port	08	0955CST 0956CST			0	0			Marine Tstm Wind
Pensacola Fl To Pascagoula Ms Out 20Nm									
5 S Dauphin Island	08	0955CST 0956CST			0	0			Marine Tstm Wind
Pascagoula Ms To Sw Pass Of Ms R 20 To 60Nm									
45 E Venice	08	1047CST			0	0			Marine Tstm Wind
Pascagoula Ms To Sw Pass Of Ms R 20 To 60Nm									
45 E Venice	08	1058CST			0	0			Marine Tstm Wind

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>GULF OF MEXICO</u>									
Corpus Christi To Baffin Bay									
South Bird Island	19	0300CST			0	0			Marine Tstm Wind
Pt Aransas To Baffin Bay Tx Out 20Nm									
Bob Hall Pier	19	0324CST			0	0			Marine Tstm Wind
Corpus Christi To Baffin Bay									
South Bird Island	19	0400CST			0	0			Marine Tstm Wind
Cameron La To High Is Tx 20 To 60Nm									
30 S Mouth Of Sabine R	20	1445CST			0	0			Marine Hail
Atchafalaya R To Cameron La 20 To 60Nm									
25 SE Cameron	24	1600CST			0	0			Marine Hail
Lake Ponchartrain And Lake Maurepas									
N Lake Pontchartrain	25	0215CST			0	0			Marine Tstm Wind
Mobile Bay									
Point Clear	25	0530CST 0531CST			0	0			Marine Tstm Wind
Pensacola Fl To Pascagoula Ms Out 20Nm									
5 S Gulf Shores	25	0530CST 0531CST			0	0			Marine Tstm Wind
Pensacola Fl To Pascagoula Ms Out 20Nm									
5 S Perdido Key	25	0634CST 0635CST			0	0			Marine Tstm Wind
Destin To Pensacola Fl Out 20Nm									
5 S Navarre	25	0634CST 0635CST			0	0			Marine Tstm Wind
Pensacola Fl To Pascagoula Ms 20 To 60Nm									
30 S Perdido Key to 40 S Perdido Key	25	0634CST 0635CST			0	0			Marine Tstm Wind
Destin To Pensacola Fl 20 To 60Nm									
30 S Navarre to 40 S Navarre	25	0634CST 0635CST			0	0			Marine Tstm Wind
Suwannee R To Apalachicola Fl Out 20Nm									
15 NW Suwannee	25	1305EST			0	0			Waterspout
Two waterspouts sighted near Horseshoe Beach. Reported by the Dixie County EMA.									
Tarpon Springs To Suwannee River Fl Out 20Nm									
Wacassassa Bay	25	1330EST 1340EST			0	0			Marine Tstm Wind
Coast Guard reported estimated winds up to 40 kts.									

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Mobile Bay									
Pinto Island	25	2000CST			0	0			Marine Tstm Wind
Tampa Bay									
Middle Tampa Bay	25	2202EST			0	0			Marine Tstm Wind
			Wind measured at the Albert Witted airport which is near the western part of the bay.						
Tampa Bay									
Old Tampa Bay	25	2206EST			0	0			Marine Tstm Wind
			Wind measured at the marine observation station at St Petersburg.						
Englewood To Tarpon Springs Fl Out 20Nm									
9 SSW St Petersburg Beach	26	0400EST			0	0			Marine Tstm Wind
9 S St Petersburg Beach		0405EST							
Tampa Bay									
Lower Tampa Bay	26	0402EST 0410EST			0	0			Marine Tstm Wind
			Wind measured by marine observation station at Egmont Key.						
Florida Bay									
8 SW Flamingo	26	1524EST			0	0			Marine Tstm Wind
			Wind gust 36 knots (41 mph) measured at Northwest Florida Bay COMPS station.						
Florida Bay									
7 NE Duck Key	26	1557EST			0	0			Marine Tstm Wind
			Wind gust 39 knots (45 mph) measured at Long Key CMAN station.						
Florida Bay									
7 NE Duck Key	26	1616EST			0	0			Marine Tstm Wind
			Wind gust 37 knots (43 mph) measured at Long Key CMAN station.						
Craig Key To The W End Of The 7 Mile Bridge Out 20Nm									
Duck Key	26	1615EST			0	0			Marine Tstm Wind
			Wind gust 46 knots (53 mph) measured at Duck Key.						
Florida Bay									
Duck Key	26	1615EST			0	0			Marine Tstm Wind
			Wind gust 46 knots (53 mph) measured at Duck Key.						
Gulf Side Of The Lower Keys Out 20Nm									
8 W Big Pine Key	26	1633EST			0	0			Marine Tstm Wind
			Wind gust 52 mph measured by citizen on Cujoe Key.						
W End Of The 7 Mile Bridge To Key W Out 20Nm									
8 W Big Pine Key	26	1633EST			0	0			Marine Tstm Wind
			Wind gust 52 mph measured by citizen on Cudjoe Key.						
Gulf Side Of The Lower Keys Out 20Nm									
Key West	26	1635EST			0	0			Marine Tstm Wind
			Wind gust 48 knots (55 mph) measured at Key West International Airport.						
W End Of The 7 Mile Bridge To Key W Out 20Nm									
Key West	26	1635EST			0	0			Marine Tstm Wind

Storm Data and Unusual Weather Phenomena

April 2003

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

W End Of The 7 Mile Bridge To Key W Out 20Nm

6 E Key West	26	1655EST			0	0			Marine Tstm Wind
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Wind gust 44 knots (51 mph) measured at Key West Naval Air Station on Boca Chica Key.

W End Of The 7 Mile Bridge To Key W Out 20Nm

2 W Key West	26	1655EST			0	0			Marine Tstm Wind
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Wind gust 46 mph measured by spotter just north of White Street Pier.

Key W To Dry Tortugas Waters

7 SW Key West	26	1640EST			0	0			Marine Tstm Wind
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Wind gust 43 knots (49 mph) measured at Sand Key CMAN station.

Key W To Dry Tortugas Waters

7 SW Key West	26	1640EST 1649EST			0	0			Marine Tstm Wind
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10-minute average wind 36 knots (41) mph recorded at Sand Key CMAN station.

Key W To Dry Tortugas Waters

7 SW Key West	26	1713EST			0	0			Marine Tstm Wind
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Wind gust 34 knots (39 mph) measured at Sand Key CMAN station.

Craig Key To The W End Of The 7 Mile Bridge Out 20Nm

7 S Marathon	26	1659EST			0	0			Marine Tstm Wind
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Wind gust 46 knots (53 mph) measured at Sombrero Key CMAN station.

Craig Key To The W End Of The 7 Mile Bridge Out 20Nm

7 S Marathon	26	1700EST 1709EST			0	0			Marine Tstm Wind
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10-minute average wind 47 knots (54 mph) recorded at Sombrero Key CMAN station.

Craig Key To The W End Of The 7 Mile Bridge Out 20Nm

7 S Marathon	26	1701EST			0	0			Marine Tstm Wind
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Wind gust 59 knots (68 mph) measured at Sombrero Key CMAN station.

Craig Key To The W End Of The 7 Mile Bridge Out 20Nm

Marathon	26	1702EST			0	0			Marine Tstm Wind
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Florida Bay

Marathon	26	1702EST			0	0			Marine Tstm Wind
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Wind gust 46 knots (53 mph) measured at Marathon Airport ASOS.

Florida Bay

7 NE Duck Key	26	1712EST			0	0			Marine Tstm Wind
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Wind gust 41 knots (47 mph) measured at Long Key CMAN station.

Florida Bay

7 NE Duck Key	26	1854EST			0	0			Marine Tstm Wind
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Wind gust 34 knots (39 mph) measured at Long Key CMAN station.

Florida Bay

7 NE Duck Key	26	1901EST			0	0			Marine Tstm Wind
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Wind gust 35 knots (40 mph) measured at Long Key CMAN station.

Storm Data and Unusual Weather Phenomena

April 2003

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

Gulf Side Of The

Lower Keys Out 20Nm

Key West	27	1509EST			0	0			Marine Tstm Wind
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Wind gust 46 knots (53 mph) measured at Key West International Airport.

W End Of The 7 Mile

Bridge To Key W Out 20Nm

Key West	27	1509EST			0	0			Marine Tstm Wind
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Gulf Side Of The

Lower Keys Out 20Nm

8 W Big Pine Key	27	1633EST			0	0			Marine Tstm Wind
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Wind gust 52 mph measured by citizen on Cudjoe Key.

Ocean Reef To Craig

Key Fl Out 20Nm

7 SE Key Largo	27	1958EST			0	0			Marine Tstm Wind
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Wind gust 37 knots (43 mph) measured at Molasses Reef CMAN station.

Ocean Reef To Craig

Key Fl Out 20Nm

7 SE Key Largo	27	1959EST			0	0			Marine Tstm Wind
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Sustained wind 34 knots (39 mph) measured at Molasses Reef CMAN station.

Ocean Reef To Craig

Key Fl Out 20Nm

7 SE Key Largo	30	1119EST			0	0			Marine Tstm Wind
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Wind gust 37 knots (43 mph) measured at Molasses Reef CMAN station.

Ocean Reef To Craig

Key Fl Out 20Nm

7 SE Key Largo	30	1210EST 1219EST			0	0			Marine Tstm Wind
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Sustained wind 35 knots (40 mph) measured at Molasses Reef CMAN station.

Ocean Reef To Craig

Key Fl Out 20Nm

7 SE Key Largo	30	1228EST			0	0			Marine Tstm Wind
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Wind gust 43 knots (49 mph) measured at Molasses Reef CMAN station.

Ocean Reef To Craig

Key Fl Out 20Nm

7 SE Key Largo	30	1230EST 1249EST			0	0			Marine Tstm Wind
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Sustained wind 36 knots (41 mph) measured at Molasses Reef CMAN station.

Ocean Reef To Craig

Key Fl Out 20Nm

7 SE Key Largo	30	1407EST			0	0			Marine Tstm Wind
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Wind gust 35 knots (40 mph) measured at Molasses Reef CMAN station.

Ocean Reef To Craig

Key Fl Out 20Nm

7 SE Key Largo	30	1701EST			0	0			Marine Tstm Wind
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Wind gust 35 knots (40 mph) measured at Molasses Reef CMAN station.

Key W To Dry

Tortugas Waters

Dry Tortugas	30	1749EST			0	0			Marine Tstm Wind
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Wind gust 34 knots (39 mph) recorded at Dry Tortgas CMAN station.

Craig Key To The W

End Of The 7 Mile Bridge Out 20Nm

6 S Marathon	30	2218EST			0	0			Marine Tstm Wind
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Wind gust 39 knots (45 mph) measured at Sombrero Key Light CMAN station.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
HAWAII									
Kauai County									
Anahola to Kapaa	03	2220HST			0	0			Heavy Rain
	04	0120HST							
Heavy showers and thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding in windward parts of the Garden Isle of Kauai. There were no reports of serious property damage or injuries.									
Kauai County									
Anahola	04	0003HST 0004HST			0	0			Lightning
A civil defense official informed the National Weather Service office in Lihue, Kauai, that a lightning strike had started a fire at an Anahola residence. However, no damage estimates were available on the blaze.									
Kauai County									
20 E Lihue	04	0144HST 0145HST			0	0			Lightning
Lightning struck a Boeing 727 aircraft as it was flying east of Lihue. Damage estimates were not available, however.									
Honolulu County									
Ewa Beach	04	0355HST 0356HST			0	0			Lightning
A lightning strike damaged a home in Ewa Beach on Oahu, and cut the power for several hours. No damage estimates were available.									
Honolulu County									
Kahana to Pacific Palisades	06	1355HST 1730HST			0	0			Heavy Rain
Heavy showers and thunderstorms brought small stream and drainage ditch flooding, and ponding of roadways to windward and central areas of Oahu. However, no serious injuries or property damage were reported.									
Honolulu County									
Kaneohe to Makakilo City	07	0940HST 1635HST			0	0			Heavy Rain
Heavy showers produced ponding of roadways, and small stream and drainage ditch flooding in southeastern, southern, and leeward sections of Oahu. No serious property damage or injuries were reported.									
Kauai County									
Wailua to Kalaheo	07	1240HST 1635HST			0	0			Heavy Rain
Heavy rain and showers produced small stream and drainage ditch flooding, and ponding of roadways in eastern and southern parts of Kauai. There were no reports of serious injuries or property damage, however.									
Hawaii County									
Kailua Kona to Kealahou	09	1815HST 2100HST			0	0			Heavy Rain
Heavy showers over the lower mountain slopes and along coastal areas of leeward parts of the Big Island, in the North Kona District, caused ponding of roadways, and small stream and drainage ditch flooding. There were no reports of serious injuries or property damage.									
Kauai County									
3 SW Lihue to Hanapepe	09	2000HST 2200HST			0	0			Heavy Rain
Heavy showers brought small stream and drainage ditch flooding, and ponding of roadways to southeast and southern areas of Kauai. However, no serious property damage or injuries were reported.									
Maui County									
8.5 NW Wailuku to Hana	10	1410HST 1710HST			0	0			Heavy Rain
Heavy showers and thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding in windward coastal and windward-facing mauka and upslope sections of West and East Maui. No serious property damage or injuries were reported.									

Storm Data and Unusual Weather Phenomena

April 2003

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

Honolulu County

Hauula to Kahaluu	10	1600HST 2130HST			0	0			Heavy Rain
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Heavy showers produced ponding of roadways, and drainage ditch and small stream flooding in windward sections of Oahu. However, no serious injuries or property damage were reported.

Maui County

1.5 N Kipahulu	10	1630HST 1830HST			2	0			Flash Flood
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A 6-foot wall of water moving down Palikea Stream in Haleakala National Park, in the southeast part of East Maui, swept a Kentucky man and his daughter over a 184-foot precipice at Makahiku Falls. Heavy showers falling at the higher elevations of Mt. Haleakala generated flash flooding conditions over eastern and southeastern parts of the Valley Isle.
M39IW, F8IW

Maui County

Hana	10	1740HST 1835HST			0	0			Flash Flood
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Four Ohio visitors became stranded as a stream near Ulaino Road in Hana became swollen by heavy showers falling over the windward-facing slopes of Mt. Haleakala in East Maui. Maui fire officials used a helicopter to rescue the group. There were no serious injuries or property damage.

HIZ001>006-008

Kauai - Oahu - Maui - North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - Molokai - Lanai - South Hawaii Including Kau

19	1600HST				0	0			Heavy Surf/High Surf
21	0800HST								

A storm low southeast of New Zealand generated surf of 4 to 8 feet along the south-facing shores of all the Hawaiian Islands. There were no reports of serious injuries or property damage.

Hawaii County

Hawi to Naalehu	20	0355HST 0645HST			0	0			Heavy Rain
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Heavy showers and thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding in windward and southeastern areas of the Big Island of Hawaii, from North Kohala to Kau. No serious property damage or injuries were reported, however.

HIZ001>005-008

Kauai - Oahu - Maui - North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - Molokai - South Hawaii Including Kau

21	1000HST				0	0			Heavy Surf/High Surf
23	1700HST								

A trade wind swell produced surf of 5 to 10 feet along the east-facing shores of all the islands except Lanai. There were no reports of serious injuries or property damage.

HIZ001>006-008

Kauai - Oahu - Maui - North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - Molokai - Lanai - South Hawaii Including Kau

29	0900HST				0	0			Heavy Surf/High Surf
30	0800HST								

A gale low southeast of New Zealand caused surf of 4 to 8 feet along the south-facing shores of all the isles. No serious property damage or injuries were reported.

IDAHO, Extreme Southeast

NOT RECEIVED.

IDAHO, North

IDZ006

Southern Clearwater Mountains

01	0000MST 1600MST				0	0			Heavy Snow
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Early spring snow storm brought localized areas of heavy snow to the southern Clearwater Mountains. Dixie recorded 14 inches of new snow with Mountain Meadows receiving 9 inches.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IDAHO, Northwest									
IDZ003-027 Idaho Palouse - Lewis And Southern Nez Perce									
	26	0800PST 1300PST			0	0			Winter Weather/Mix
An early spring storm deposited 4 to 5 inches of snow on the Palouse region of Idaho and Camas Prairie above 2500 feet elevation. A spotter north of Moscow, Idaho reported 5 inches of new snow with 4 inches falling at Winchester.									
IDAHO, Southeast									
IDZ018-031 Sawtooth Mountains - Big And Little Wood River Region									
	01	1600MST			0	0			Heavy Snow
	02	0200MST							
Heavy snow fell at elevations above 7000 feet in the central mountains. 6 to 8 inches were recorded in the mountains surrounding the Sun Valley area.									
Lincoln County									
8 S Shoshone to Shoshone	22	1140MST 1145MST			0	0			Funnel Cloud
A Bureau of Land Management official spotted and photographed a funnel cloud between the city of Shoshone and Notch Butte.									
Minidoka County									
Rupert	28	1430MST 1435MST	0.2	50	0	0			Tornado (F0)
Tornado occurred in open fields near the city of Rupert. No damage occurred.									
Power County									
3 SW American Falls	28	1526MST 1530MST	0.2	100	0	0			Tornado (F0)
Tornado occurred in open fields near Indian Springs. No damage occurred.									
Power County									
American Falls	28	1540MST 1555MST			0	0			Hail (1.75)
Golf ball sized hail occurred in American Falls. Damage to 4000 acres of beet crops required replanting. Monetary damage unknown.									
Power County									
3 SW Pocatello Arpt to 2 S Pocatello Arpt	28	1600MST 1615MST	2.5	200	0	0			Tornado (F0)
Tornado occurred in open fields with no damage occurring.									
Power County									
Pocatello Arpt	28	1614MST 1624MST			0	0			Hail (1.75)
Golf ball sized hail at the National Weather Service office and Pocatello airport.									
Bannock County									
2 N Chubbuck	28	1625MST 1640MST			0	0	6K		Thunderstorm Wind (G70)
Thunderstorm winds blew over a shed on Ballard Road north of Chubbuck.									
Bannock County									
Chubbuck	28	1630MST 1640MST			0	0			Hail (1.75)
Golf ball sized hail in Chubbuck.									
Bingham County									
Ft Hall	28	1630MST 1638MST			0	0			Hail (1.25)
Bingham County									
Rose	28	1630MST 1640MST			0	0			Funnel Cloud
Funnel cloud near Rose Road overpass.									
Bingham County									
8 E Ft Hall	28	1650MST 1700MST			0	0			Funnel Cloud
Bingham County									
8 ENE Ft Hall	28	1655MST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
IDAHO, Southwest									
Canyon County									
Nampa	06	1350MST 1400MST			0	0			Hail (0.75)
Canyon County									
Nampa	06	1350MST 1355MST	1	7	0	0			Tornado (F0)
A low pressure system with an associated cold front was moving through the area.									
Ada County									
Swan Falls	06	1510MST 1515MST			0	0			Hail (0.75)
A low pressure system with an associated cold front was moving through the area.									
Canyon County									
Middleton	24	1545MST 1550MST			0	0	100K		Thunderstorm Wind (G65)
A cold front moving through the area had strong convection embedded along the leading edge. A strong downburst from a cell moving through the Middleton area produced the damaging winds in the vicinity of the Middleton High School.									
ILLINOIS, Central									
Schuyler County									
Camden	04	0718CST			0	0	0		Hail (1.00)
Schuyler County									
Camden	04	0718CST			0	0	0		Thunderstorm Wind (G61)
Thunderstorm winds blew the roof off of a shed, blew over a light pole and numerous large tree limbs in Camden.									
Fulton County									
1 NW Fairview to Canton	04	0750CST 0755CST			0	0	0		Thunderstorm Wind (G50)
Thunderstorm winds blew down several trees, tree limbs and power lines northwest of Fairview and in Canton.									
Tazewell County									
4 NE Delavan	04	0830CST			0	0	0		Thunderstorm Wind (G56)
Numerous large tree limbs were blown down.									
Marshall County									
Toluca	04	0900CST			0	0	0		Hail (1.00)
Vermilion County									
Bismarck	04	1300CST			0	0	0		Hail (0.75)
Schuyler County									
Camden to Rushville	04	1330CST 1350CST			0	0	0		Hail (0.75)
Menard County									
Oakford	04	1404CST			0	0	0		Hail (1.50)
Tazewell County									
East Peoria	04	1413CST			0	0	0		Hail (0.75)
Mason County									
2 S Saidora to 2 N Mason City	04	1420CST 1430CST			0	0	0		Hail (2.00)
The largest hail stones fell in the Kilbourne area.									
Cass County									
6 NE Chandlerville	04	1429CST			0	0	0		Hail (1.75)
Mason County									
Kilbourne	04	1430CST			0	0	0		Thunderstorm Wind (G55)
Several trees were blown down on Illinois Route 97 in Kilbourne.									
Menard County									
1 W Oakford to 3 N Greenview	04	1434CST 1449CST			0	0	0		Thunderstorm Wind (G55)
Thunderstorm winds blew a car off the road. No injuries were reported. Also, a utility pole was snapped off 3 miles north of Greenview.									
Menard County									
2 E Oakford	04	1436CST			0	0	0		Hail (2.00)

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					Killed	Injured	Property	Crops	

ILLINOIS, Central

Tazewell County

3 W Green Vly 04 1440CST 0 0 0 Hail (1.75)

Tazewell County

3 E South Pekin 04 1456CST 0 0 0 Hail (0.75)

Logan County

New Holland to
Burton View 04 1505CST
1507CST 0 0 0 Hail (1.75)

Woodford County

1 E Secor 04 1505CST 0 0 0 Hail (0.75)

Logan County

6 W Lincoln to
5 W Lincoln 04 1508CST 1 30 0 0 50K 0 Tornado (F1)
1509CST

A tornado touched down 6 miles west of Lincoln. It damaged a garage and the roof of a home it was attached to. Also, several trees were blown down and a grain bin was blown into a barn. It was on the ground for a mile before lifting and dissipating. No injuries were reported.

Logan County

.5 N Atlanta 04 1511CST 0.1 10 0 0 0 0 Tornado (F0)

A tornado briefly touched down in a field just north of Atlanta. No damage or injuries were reported.

Logan County

3 NW Lincoln to
Lincoln Logan Co Arp 04 1512CST 0 0 300K 0 Thunderstorm Wind (G87)
1517CST

A microburst began on the northwest side of Lincoln near the intersection of Illinois Route 10 and I-55 and quickly moved east across the northern portions of town. Numerous large trees were blown over, some onto homes causing damage. Also, a construction trailer was destroyed, a 150 foot communications tower was blown down, a hotel sustained roof and siding damage, several garages were destroyed, 8 power poles were broken off along Lincoln Parkway, and minor roofing and shingle damage occurred. One business lost a portion of its roof and numerous business signs were damaged. Nine mobile homes were destroyed and six others sustained damage. No injuries were reported. The National Weather Service office recorded a 62 mph wind gust on the east side of town.

Morgan County

Waverly 04 1515CST 0 0 0 Hail (1.75)

McLean County

.5 SW Mc Lean 04 1520CST 0.1 10 0 0 0 0 Tornado (F0)

A tornado briefly touched down in a field. No damage or injuries were reported.

Sangamon County

Loami to
4 N Chatham 04 1522CST 0 0 0 Hail (0.75)
1533CST

Logan County

1.5 SW Lawndale to
Atlanta 04 1523CST 0 0 0 Thunderstorm Wind (G50)
1525CST

Thunderstorm winds blew down 8 large power poles along old Route 66 just south of Lawndale and blew over a semi on I-55 at the Atlanta exit. No injuries were reported.

Sangamon County

Pleasant Plains to
Cantrall 04 1523CST 0 0 0 Hail (1.75)
1538CST

Tazewell County

East Peoria 04 1525CST 0 0 0 Hail (0.75)
1530CST

McLean County

Shirley to
4 ESE Bloomington 04 1530CST 0 0 0 Hail (1.75)
1537CST

Menard County

6 S Petersburg 04 1531CST 0 0 0 Hail (1.50)

De Witt County

4 W Wapella to
Clinton 04 1535CST 0 0 0 Hail (1.75)
1548CST

De Witt County

1 S Wapella 04 1548CST 0.1 10 0 0 0 0 Tornado (F0)

A tornado briefly touched down in a field. No damage or injuries were reported.

Storm Data and Unusual Weather Phenomena

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, Central									
De Witt County									
2 WNW De Witt	04	1553CST	0.3	30	0	0	0	0	Tornado (F0)
A tornado touched down on a farm. It destroyed a barn, a windmill, a pontoon boat and numerous trees. Three horses sustained minor injuries from the tornado. No people sustained injuries.									
Logan County									
Cornland	04	1618CST			0	0	0	0	Hail (1.00)
McLean County									
Bellflower	04	1620CST			0	0	0	0	Hail (0.75)
Champaign County									
6 N Mahomet to Rantoul	04	1628CST 1641CST			0	0	0	0	Hail (1.75)
Macon County									
3 NE Decatur	04	1653CST			0	0	0	0	Hail (0.75)
Macon County									
1 S Decatur	04	1653CST			0	0	0	0	Thunderstorm Wind (G52)
Several trees were blown down.									
McLean County									
1 E Funks Grove	04	1715CST			0	0	0	0	Hail (0.88)
Champaign County									
Ivesdale to 2 SW Philo	04	1738CST 1752CST			0	0	0	0	Hail (0.88)
Logan County									
Latham	04	1738CST			0	0	0	0	Hail (1.00)
Douglas County									
Arthur to 7 ENE Arthur	04	1800CST 1810CST			0	0	0	0	Hail (1.00)
Piatt County									
2 N Mansfield	04	1817CST			0	0	0	0	Hail (1.75)
Effingham County									
4 W Edgewood	04	1831CST			0	0	0	0	Hail (0.75)
Champaign County									
2 N Fisher	04	1833CST			0	0	0	0	Hail (0.75)
Edgar County									
1 W Hume	04	1835CST	0.1	10	0	0	0	0	Tornado (F0)
A tornado briefly touched down in a field. No damage or injuries were reported.									
Vermilion County									
Ridge Farm to 4 E Ridge Farm	04	1850CST 1855CST			0	0	0	0	Hail (0.88)
Clay County									
5 N Louisville to Louisville	04	1855CST 1915CST			0	0	0	0	Hail (1.75)
Morgan County									
1 N Jacksonville	16	1958CST			0	0	0	0	Thunderstorm Wind (G50)
A large tree was blown down on the north side of town.									
Vermilion County									
Rossville to 2 E Rossville	21	0400CST 0405CST			0	0	40K	0	Thunderstorm Wind (G57)
Thunderstorm winds uprooted several large trees, destroyed an above ground pool and destroyed several sheds.									
Sangamon County									
Loami	24	1705CST			0	0			Hail (1.00)
Sangamon County									
Springfield	24	1745CST			0	0			Hail (1.00)
Sangamon County									
Springfield	24	1745CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Clay County									
Louisville to Bible Grove	24	1922CST 1935CST			0	0			Hail (1.75)
Effingham County									
Edgewood to Mason	24	2000CST 2018CST			0	0			Hail (0.75)
Clay County									
1 N Sailor Spgs	24	2005CST			0	0			Hail (0.75)
Jasper County									
West Liberty	24	2020CST			0	0			Hail (1.75)
Richland County									
3 NW Olney	24	2100CST			0	0			Hail (0.75)
Clay County									
3 W Flora to Flora	28	1300CST 1305CST			0	0			Thunderstorm Wind (G52)
Thunderstorm winds blew down several trees, one of which landed on a house causing minor damage. A couple of roofs were damaged and power lines were blown down. No injuries were reported.									
Menard County									
Petersburg	30	0430CST			0	0			Hail (0.75)
Knox County									
3 W Altona to 3 W Williamsfield	30	1922CST 1932CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds blew down numerous trees, tree limbs, power poles and power lines. Also, a 150 foot long grain leg on a grain bin was destroyed near Altona, as well as part of the roof of a nearby barn.									
Knox County									
Victoria	30	2025CST			0	0			Thunderstorm Wind (G50)
Several power lines were blown down in Victoria.									
Stark County									
3 ESE Castleton	30	2045CST			0	0			Hail (0.75)
Marshall County									
Henry	30	2110CST			0	0			Hail (0.75)
Marshall County									
Henry	30	2110CST			0	0			Thunderstorm Wind (G50)
Several trees were blown down.									
Knox County									
North Portion	30	2130CST 2230CST			0	0			Flash Flood
Between 1 and 3 inches of rain fell in a short amount of time over the northern half of Knox county. Numerous secondary roads and field were flooded for an hour or so. No injuries were reported.									
<u>ILLINOIS, Northeast</u>									
La Salle County									
Streator	04	1155CST			0	0			Hail (0.75)
Ogle County									
2 W Polo	04	1346CST			0	0			Hail (0.75)
Du Page County									
Wheaton	04	1500CST			0	0			Hail (0.75)
Kane County									
Carpentersville to Elgin	04	1515CST 1530CST			0	0			Hail (1.75)
Cook County									
(Ord)O'Hare Intl Arp	04	1530CST			0	1			Lightning
Du Page County									
Downers Grove	04	1535CST			0	0			Hail (1.25)
Reported at 63rd Street and Fairview Avenue.									
Kankakee County									
Essex	04	1548CST			0	0			Hail (0.88)

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					Killed	Injured	Property	Crops	
ILLINOIS, Northeast									
Kankakee County									
1 S Kankakee	04	1624CST			0	0			Hail (1.75)
Kankakee County									
Bourbonnais	04	1630CST			0	0	1K		Lightning
Kankakee County									
Kankakee	04	1700CST			0	0			Hail (0.75)
Thunderstorms developed during the morning and afternoon hours across much of northern Illinois on April 4th. All reports of severe weather were in the form of hail. One of the strongest storms occurred over northeast Kane county where several reports of hail were received ranging in size from nickels to golfballs. Another storm produced golfball size hail Kankakee county. An airport worker at Chicago Ohare Airport suffered minor injuries after lightning struck an aircraft he was standing near. In Bourbonnais in Kankakee County, a house was struck by lightning causing minor damage.									
Will County									
1 N Wilmington	14	1500CST 2000CST			0	0			Wildfire
Strong southwest winds gusting over 30 mph along with relative humidities between 15 and 20 percent and very dry fuel moisture aided a 234 acre wildfire at the Midewin National Tallgrass Prairie in southern Will county. About 10% of the burn area consisted of timber and brush and was burned as heavily as the grasses were.									
Grundy County									
Morris	24	1700CST 2100CST			0	0			Wildfire
A wildfire burned about 200 acres of mainly grass, brush and cattails west of Morris in Grundy county Thursday evening, April 24th. No injuries or damage were reported.									
Lake County									
Zion	27	1900CST			0	0			Wildfire
	28	1200CST							
Du Page County									
Darien	28	0800CST 1400CST			0	0			Wildfire
A wildfire burned about 700 acres at the Illinois Beach State Park near Zion in Lake county Illinois. The fire started Sunday night and was declared out around Noon Monday the 28th. Over 150 firefighters battled the blaze. Another wildfire near Antioch burned 40 acres on Tuesday the 29th. On Monday, 106 acres burned at the Waterfall Glen Forest Preserve near Darien in Dupage county. No injuries or damage were reported with any of these fires. Conditions across northern Illinois were extremely dry during April 2003.									
Ogle County									
Flagg Center	30	1207CST			0	0			Hail (0.75)
Lake County									
Mundelein	30	1225CST			0	0			Hail (1.00)
Lake County									
North Chicago	30	1233CST			0	0			Hail (0.75)
Cook County									
Schaumburg	30	1350CST			0	0			Hail (0.88)
Will County									
Crete	30	1453CST			0	0			Hail (0.88)
Kankakee County									
Kankakee	30	1620CST			0	0			Hail (0.88)
Du Page County									
Burr Ridge	30	2100CST			0	0			Hail (0.88)
Reported at Route 83 and Interstate 55.									
La Salle County									
3 SE La Salle	30	2111CST			0	0			Funnel Cloud
Reported at mile marker 84 on Interstate 80.									
Cook County									
Willow Spgs	30	2115CST			0	0			Hail (1.00)
La Salle County									
Cedar Pt	30	2130CST			0	0			Thunderstorm Wind (G50)
Livingston County									
Dwight	30	2220CST			0	0			Thunderstorm Wind (G50)
A wave of thunderstorms moved across northern Illinois during the afternoon hours of April 30th producing severe hail. A second wave of Thunderstorms developed over eastern Iowa and west central Illinois and moved east across northern Illinois late in the evening of									

Storm Data and Unusual Weather Phenomena

April 2003

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

April 30th. A supercell moved east toward La Salle county producing a funnel cloud near La Salle. The storm eventually merged with additional storms forming a squall line which produced hail and wind damage. A TV antenna and small limbs were blown down in Cedar Point in La Salle county. Power lines were blown down in Dwight. Numerous power outages were reported.

ILLINOIS, Northwest

Bureau County

Depue	04	1353CST			0	0			Hail (1.00)
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An early spring storm accompanied with very cold air aloft allowed thunderstorms to produce copious amounts of hail across Eastern Iowa and Northwest Illinois. Hail durations of 5 to 10 minutes were common with hail sizes ranging from 0.25 to 0.70 inch. West Liberty Iowa reported hail off and on for 30 minutes during the afternoon. Hail covered the ground in many cities with roads becoming icy from the hail and temperatures falling to around freezing.

Rock Island County

Silvis	30	0330CST			0	0			Hail (1.00)
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Rock Island County

Carbon Cliff	30	0336CST			0	0			Hail (0.75)
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Pea hail covered the ground

Rock Island County

Joslin	30	0355CST			0	0			Hail (0.75)
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The first two of what would be three rounds of severe weather occurred in the pre-dawn and late morning to early afternoon hours. A strong low level jet developed thunderstorms north of a warm front that was located across Southern Iowa and Central Illinois. Due to low freezing levels aloft north of the warm front, storms were prolific hail producers with numerous reports of pea to just under three quarter inch size hail amounts.

Mercer County

4 N New Boston	30	1712CST			0	0			Hail (0.75)
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Mercer County

New Boston	30	1725CST			0	0	150K		Hail (1.25)
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Mercer County

Joy	30	1730CST			0	0	350K		Hail (1.75)
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Mercer County

5 SE Aledo	30	1738CST			0	0			Funnel Cloud
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Mercer County

3 S Aledo	30	1742CST	0	75	0	0	500K		Tornado (F1)
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Damaged farm buildings

Mercer County

2 SE Aledo to 3 ESE Aledo	30	1757CST 1800CST	0.8	20	0	0	50K		Tornado (F0)
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traveled through open country

Mercer County

New Windsor	30	1800CST 2100CST			0	0	150K		Heavy Rain
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Mercer County

New Boston	30	1801CST			0	0	500K		Hail (1.75)
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Mercer County

1 S Viola	30	1808CST 1809CST	0.1	50	0	0	500K		Tornado (F1)
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Farm house damaged

Mercer County

.3 E Viola to .8 E Viola	30	1811CST 1813CST	0.5	25	0	0	250K		Tornado (F0)
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House damaged

Mercer County

New Boston	30	1812CST			0	0	500K		Hail (1.75)
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Mercer County

.5 E Viola to 1 E Viola	30	1812CST 1814CST	0.5	75	0	0	300K		Tornado (F1)
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House pushed 6 feet off foundation

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ILLINOIS, Northwest

Mercer County									
2 N New Windsor	30	1818CST 1820CST			0	0	50K		Hail (1.75)
Mercer County									
1 NW Matherville	30	1825CST			0	0			Hail (0.75)
Henry County									
.5 N Alpha	30	1829CST	0	50	0	0			Tornado (F0)
Touched down in field									
Henry County									
5 N Alpha	30	1854CST			0	0			Hail (0.75)
Covered the ground									
Mercer County									
New Windsor	30	1904CST			0	0	500K		Hail (1.75)
Henry County									
Cambridge	30	1905CST			0	0	50K		Hail (1.00)
Henry County									
Galva	30	1925CST			0	0	50K		Hail (1.00)
Henry County									
7 W Kewanee	30	1925CST			0	0			Funnel Cloud
Henry County									
Galva	30	1932CST			0	0	500K		Hail (1.75)
Rock Island County									
2 W Reynolds	30	1935CST			0	0	20K		Hail (1.00)
North side of Illinois 94									
Henry County									
3 NE Galva	30	1940CST			0	0			Funnel Cloud
Henry County									
Kewanee	30	1941CST			0	0	50K		Hail (1.00)
Henry County									
Galva	30	1944CST			0	0			Hail (0.75)
Mercer County									
Matherville	30	1945CST			0	0	500K		Hail (1.75)
Rock Island County									
Oak Grove	30	1946CST			0	0	500K		Hail (1.75)
Henry County									
Galva	30	2000CST 2330CST			0	0	250K		Flash Flood
IL 17 & US 34 flooded									
Henry County									
Kewanee	30	2000CST 2300CST			0	0	250K		Flash Flood
6 inches water over roads									
Mercer County									
Countywide	30	2000CST 2330CST			0	0	10M		Flash Flood
IL 94 and 17 closed									
Bureau County									
3 ESE Providence	30	2023CST			0	0	150K		Thunderstorm Wind (G61)
32 x 48 foot barn destroyed									
Henry County									
3 S Annawan	30	2028CST			0	0	400K		Thunderstorm Wind (G70)
Barn destroyed & house damaged									
Bureau County									
Countywide	30	2030CST 2130CST			0	0			Hail (0.88)
Bow echo									

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					Killed	Injured	Property	Crops	
<u>ILLINOIS, Northwest</u>									
Henry County									
Countywide	30	2030CST 2330CST			0	0	10M		Flash Flood
Bureau County									
Princeton	30	2043CST			0	0	50K		Hail (1.00)
Henderson County									
Oquawka	30	2045CST			0	0			Hail (0.88)
Bureau County									
1 W Wyand	30	2055CST			0	0			Hail (0.75)
Mercer County									
New Windsor	30	2055CST			0	0			Hail (0.75)
Putnam County									
1 NE Putnam to Standard	30	2100CST 2120CST			0	0	3M		Thunderstorm Wind (G61)
		Bow echo							
Henry County									
Galva	30	2108CST			0	0	50K		Hail (1.00)
Putnam County									
1 S Putnam	30	2114CST			0	0	500K		Thunderstorm Wind (G52)
		Tree down & truck rolled over							
Putnam County									
Standard	30	2120CST			0	0	1M		Thunderstorm Wind (G69)
<p>Supercell thunderstorms developed in the afternoon and evening north of a warm front that ran from Southern Iowa into Central Illinois. Three distinct supercells produced a majority of the wind, hail, and heavy rain reports from Jefferson County Iowa into Henry County Illinois. Mercer County Illinois was under tornado warnings on a continuous basis for 2 hours. Officials at a high school track meet in Aledo, Illinois ushered all students into the safety of the school resulting in no injuries. The training of the supercells from Louisa County Iowa to Henry County Illinois dumped heavy rain over the Edwards River and Pope Creek basins in Illinois with radar estimating 9 inches of rain. Actual amounts varied due to large amounts of hail with the storms. Cambridge Illinois estimated 7 to 8 inches of rain fell in the town. Illinois Route 17 was closed due to flooding between Aledo and Viola with Illinois Route 94 closed south of Aledo. In Andover Illinois, two thirds of the town had basements flooded. Toward the end of the event a bow echo developed in Henry County Illinois and raced east across Bureau and Putnam counties. The fire department in Standard, Illinois measured a 69 knot (80 mph) wind gust when the bow echo moved through. In Clinton, Iowa, a lightning strike started a warehouse fire at the Nestle Purnina Complex.</p>									
<u>ILLINOIS, South</u>									
Union County									
Anna	04	2000CST			0	0			Hail (0.75)
Johnson County									
Vienna	04	2038CST			0	0			Hail (0.75)
<p>A thunderstorm tracked east across southern Illinois, beginning near Anna and exiting into Kentucky from Hardin County. The storm produced sporadic reports of hail up to dime size.</p>									
ILZ087									
Gallatin									
	15	0900CST			0	0			Flood
	17	2000CST							
<p>The Ohio River crested one foot above the 33-foot flood stage at Shawneetown. This resulted in minor flooding of low-lying fields.</p>									
Edwards County									
2 N West Salem	20	1220CST			0	0			Hail (0.75)
Wabash County									
Mt Carmel	20	1230CST			0	0			Hail (0.75)
Wabash County									
Keensburg to Friendsville	20	1325CST 1330CST			0	0			Hail (0.88)
<p>Two rounds of thunderstorms over the lower Wabash Valley during the early afternoon hours produced hail ranging from dime to nickel size.</p>									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
ILLINOIS, South									
ILZ076									
Wayne									
	24	1100CST			0	0	1K		Strong Wind
Strong wind gusts blew down a couple of trees. Cast iron furniture was blown off a porch. The winds were not directly related to thunderstorms. These localized winds may have been related to a mesoscale pressure feature in the wake of showers and thunderstorms that passed through about an hour earlier.									
Jackson County									
Murphysboro to 1 S (Mdh)Crwndl/Mrfysbro	24	1559CST 1603CST			0	0			Hail (1.00)
Franklin County									
Mulkeytown to Whittington	24	1620CST 1630CST			0	0			Hail (1.25)
Jefferson County									
Nason	24	1636CST			0	0			Hail (1.00)
Jefferson County									
Mt Vernon	24	1655CST			0	0			Hail (2.75)
A thunderstorm began producing large hail, up to quarter size, in the Murphysboro area. This storm moved northeast across Franklin County, producing hail up to the size of half dollars at Mulkeytown. The storm intensified further as it moved northeast across Jefferson County, producing hail up to baseball size on the southeast side of Mount Vernon.									
Alexander County									
East Cape Girardeau	25	0648CST			0	0			Hail (1.25)
Johnson County									
Vienna to 7 E Vienna	25	0825CST 0832CST			0	0			Hail (1.75)
Golf ball size hail occurred at the state prison east of Vienna. Dime size hail fell in Vienna.									
Alexander County									
2 NNW Unity to 2 N Unity	25	1343CST 1344CST	0.3	30	0	0			Tornado (F0)



This still shot of the funnel cloud near Unity was taken by a television news crew.

A weak tornado, with peak winds estimated near 65 MPH, briefly touched down in woods and fields. The funnel cloud was observed and videotaped by a television news crew from the intersection of Highways 3 and 127, a distance of about 2 miles away. A witness reported that the funnel touched down in a field near the community of Olive Branch. Based on the video and the eyewitness account, it was determined that one or more brief touchdowns occurred. A few trees were blown down in the area of where the funnel appeared to have touched down. The thunderstorm that produced the apparent tornado formed underneath an upper level low and its associated cold pocket.

Storm Data and Unusual Weather Phenomena

April 2003

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, South</u>									
Pulaski County									
Pulaski	25	1404CST			0	0			Hail (0.75)
Alexander County									
1 W Tamms	25	1450CST 1600CST			0	0	2K		Flash Flood
A county road was closed due to flooding.									
ILZ084									
Jackson									
27		1900CST			0	0			Flood
30		2359CST							
The Big Muddy River rose less than a foot above flood stage at Murphysboro. This resulted in very minor flooding of low-lying fields.									
Jefferson County									
Bluford to Mt Vernon	28	1300CST 1305CST			0	0	100K		Thunderstorm Wind (G60)
Two businesses in Mount Vernon were unroofed. The roof of an auto parts store was blown into the parking lot, landing on top of a vehicle. Rain damaged the inventory of the store. A florist shop was partially unroofed. A dry goods store sustained some damage when a sign on top of the store blew down. Numerous trees were blown down in Mount Vernon, near Bluford, and around Dix.									
Union County									
Cobden	29	1614CST			0	0			Hail (1.00)
Union County									
Cobden	29	1638CST 1642CST			0	0			Hail (1.25)
Union County									
Anna	29	1655CST			0	0			Hail (1.25)
Union County									
Countywide	29	1730CST 1800CST			0	0			Flash Flood
A complex of severe thunderstorms produced large hail and flash flooding over Union County. The hail ranged from quarter to golf-ball size. At least 60 reports of hail damage were reported to insurance companies. Flash flooding of streets was videotaped by news media. A thunderstorm with torrential rain persisted for about an hour between Anna and Cobden.									
Johnson County									
3 S Vienna	29	1757CST			0	0			Hail (1.00)
Massac County									
New Columbia to 1 E Round Knob	29	1800CST 1810CST			0	0			Hail (0.88)
Massac County									
New Columbia	29	1915CST			0	0			Hail (0.88)
Severe thunderstorms developed over Massac County and southern Johnson County, producing dime to nickel size hail at New Columbia and just east of Round Knob. Quarter size hail fell a few miles south of Vienna.									
<u>ILLINOIS, Southwest</u>									
Calhoun County									
Deer Plain	04	1320CST			0	0			Hail (0.88)
The County Sheriff reported nickel size hail.									
Jersey County									
Grafton	04	1336CST			0	0			Hail (1.75)
The County Sheriff reported golf ball size hail in Grafton.									
Greene County									
Greenfield	04	1350CST			0	0			Hail (1.00)
The County Sheriff reported 1 inch hail.									
Macoupin County									
Brighton	04	1355CST			0	0			Hail (1.25)
Amateur radio spotters reported half dollar size hail.									
Macoupin County									
Bunker Hill	04	1358CST			0	0			Hail (1.75)
Amateur radio spotters reported golfball size hail.									
Macoupin County									
Shipman	04	1401CST			0	0			Hail (0.75)
The County Sheriff reported 3/4 inch hail.									

Storm Data and Unusual Weather Phenomena

April 2003

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

Macoupin County

6 W Bunker Hill	04	1410CST			0	0			Hail (1.75) Storm spotters reported golfball size hail west of Bunker Hill.
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Madison County

Godfrey	04	1415CST			0	0			Hail (1.00) Amateur radio spotters reported 1 inch hail.
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St. Clair County

Fairview Hgts	04	1420CST			0	0			Hail (0.75) Storm spotters reported 3/4 inch hail.
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Madison County

Godfrey	04	1431CST			0	0			Hail (1.00) The County Sheriff reported 1 inch hail.
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St. Clair County

Belleville	04	1432CST			0	0			Hail (1.75) Amateur radio spotters reported golfball size hail.
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Montgomery County

Litchfield	04	1434CST			0	0			Hail (0.88)
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Montgomery County

Hillsboro	04	1436CST			0	0			Hail (0.75) Hail from penny to nickel size fell in Litchfield and Hillsboro.
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Monroe County

Columbia	04	1452CST			0	0			Hail (1.75) Storm spotters reported hail up to golfball size.
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Macoupin County

1 W Modesto	04	1507CST			0	0			Hail (0.75) The County Sheriff reported 3/4 inch hail just west of Modesto.
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St. Clair County

Belleville	04	1508CST			0	0			Hail (1.50) The County Sheriff reported silver dollar size hail.
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St. Clair County

2 S Lebanon	04	1520CST			0	0			Hail (1.00) Storm spotters reported 1 inch hail just south of Lebanon.
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Clinton County

Aviston	04	1555CST			0	0			Hail (1.00) The County Sheriff reported 1 inch hail.
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Madison County

Godfrey	04	1555CST			0	0			Hail (0.75) The County Sheriff reported 3/4 inch hail in the Godfrey area.
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Macoupin County

Brighton	04	1603CST			0	0			Hail (0.88) The County Sheriff reported nickel size hail.
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Storm Data and Unusual Weather Phenomena

April 2003

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

Clinton County

2 S Bartelso to
3 E Bartelso

04	1608CST 1618CST	4	100	0	0				Tornado (F1)
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A tornado caused sporadic damage as it traveled through bottom land near the Kaskaskia River south and southeast of Bartelso. Two well built farm buildings were destroyed by the tornado, one south and the other southeast of Bartelso. Trees were also downed and mangled by the tornado.

Montgomery County

3 SW Litchfield

04	1614CST			0	0				Hail (0.75)
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Storm spotters reported 3/4 inch hail.

St. Clair County

Fairview Hgts

04	1615CST			0	0				Hail (1.00)
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Storm spotters reported 1 inch hail.

St. Clair County

Dupo

04	1635CST			0	0				Thunderstorm Wind (G55)
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Storm spotters reported several large trees and power lines down.

Randolph County

2 E Evansville

04	1718CST			0	0				Hail (0.75)
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Storm spotters reported 3/4 inch hail east of Evansville.

Fayette County

7 SW Shobonier

04	1720CST			0	0				Hail (1.00)
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Local law enforcement reported 1 inch hail southwest of Shobonier.

Randolph County

Sparta

04	1725CST			0	0				Hail (1.00)
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Randolph County

Sparta

04	1735CST			0	0				Hail (1.00)
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Storm spotters reported 1 inch hail in the Sparta area.

Marion County

Vernon

04	1730CST			0	0				Hail (1.00)
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The Patoka Police reported 1 inch hail in Vernon.

Fayette County

St Peter

04	1735CST			0	0				Hail (1.00)
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Storm spotters reported 1 inch hail.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ILLINOIS, Southwest</u>									
Washington County									
Oakdale	04	1741CST			0	0			Hail (1.00)
			Storm spotters reported 1 inch hail.						
Pike County									
Barry	12	2150CST			0	0			Hail (0.75)
			The Pike County Sheriff reported 3/4 inch hail.						
Greene County									
Roodhouse	24	1600CST			0	0			Hail (0.75)
			The County Sheriff reported 3/4 inch hail.						
Macoupin County									
5 W Palmyra	24	1625CST			0	0			Hail (1.75)
			The County Sheriff reported golf ball size hail just west of Palmyra.						
<u>INDIANA, Central</u>									
Howard County									
5 WSW Kokomo to 1 S Kokomo	04	1330EST 1331EST			0	0			Hail (0.88)
Fountain County									
Covington	04	1430EST			0	0			Thunderstorm Wind (G50)
Warren County									
Williamsport	04	1430EST			0	0			Thunderstorm Wind (G50)
Tippecanoe County									
2 SW Lafayette to West Lafayette	04	1455EST 1457EST			0	0			Hail (0.75)
Warren County									
10 N Williamsport	04	1818EST			0	0			Hail (0.88)
Vermillion County									
2 E Dana to Dana	04	1943EST			0	0			Hail (1.00)
Fountain County									
Covington	04	1945EST			0	0			Hail (0.88)
Warren County									
Pine Vlg	04	2000EST			0	0			Thunderstorm Wind (G50)
Tippecanoe County									
8 SW Shadeland to Lafayette	04	2015EST 2020EST			0	0			Hail (1.00)
Clinton County									
Hamilton	04	2030EST			0	0			Thunderstorm Wind (G50)
Parke County									
Rockville	04	2054EST			0	0			Thunderstorm Wind (G50)
Greene County									
Bloomfield	04	2100EST			0	0			Thunderstorm Wind (G50)
Boone County									
Northfield	04	2115EST			0	0	100K		Thunderstorm Wind (G65)
Vigo County									
5 N Huf Sky King Arpt	04	2115EST			0	0			Thunderstorm Wind (G50)
Hamilton County									
1 W Carmel	04	2125EST			0	0	100K		Thunderstorm Wind (G60)
Knox County									
Oaktown	04	2125EST			0	0			Thunderstorm Wind (G61)
Clay County									
Clay City	04	2127EST			0	0			Hail (0.75)
Daviess County									
Odon	04	2145EST			0	0			Thunderstorm Wind (G50)
Madison County									
Anderson	04	2149EST			0	0			Thunderstorm Wind (G54)

Storm Data and Unusual Weather Phenomena

April 2003

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									
Martin County									
Burns City	04	2155EST			0	0	10K		Thunderstorm Wind (G60)
Delaware County									
6 N Muncie	04	2157EST			0	0			Hail (1.00)
Greene County									
Countywide	04	2200EST			0	0			Thunderstorm Wind (G50)
Johnson County									
Greenwood to Trafalgar	04	2206EST 2214EST			0	0			Hail (0.75)
Lawrence County									
4 E Bedford	04	2206EST			0	0			Hail (0.75)
Lawrence County									
Bedford	04	2215EST			0	0	5K		Thunderstorm Wind (G60)
Madison County									
Moonsville	04	2215EST			0	0			Thunderstorm Wind (G50)
Jackson County									
8 W Seymour	04	2225EST			0	0			Thunderstorm Wind (G50)
Bartholomew County									
Columbus	04	2230EST			0	0			Thunderstorm Wind (G50)
Lawrence County									
Fayetteville	04	2230EST			0	0			Thunderstorm Wind (G60)
Jennings County									
North Vernon	04	2300EST			0	0			Thunderstorm Wind (G50)
Shelby County									
5 NE Shelbyville	04	2300EST			0	0			Thunderstorm Wind (G50)
Decatur County									
Greensburg	04	2305EST			0	0			Thunderstorm Wind (G50)
A broken line of thunderstorms including some supercells and bow echoes moved east across central Indiana during the afternoon and evening of April 4. There were numerous reports of large hail and damaging thunderstorm winds. An airport hanger near Northfield in Boone County had a wall knocked down, doors blown out and minor damage to 7 planes in winds straight-line winds estimated 70-75 mph. Damage was estimated at 100K. A few roofs were blown off homes in various other parts of the central Indiana.									
Putnam County									
Cloverdale	20	1308EST 1310EST			0	0			Hail (1.75)
Morgan County									
Mooresville	20	1335EST			0	0			Hail (0.75)
Morgan County									
Martinsville	20	1344EST			0	0			Thunderstorm Wind (G50)
Knox County									
Vincennes	20	1356EST			0	0			Hail (0.75)
Johnson County									
5 W Greenwood	20	1402EST			0	0			Hail (0.75)
Morgan County									
Martinsville	20	1405EST			0	0			Thunderstorm Wind (G50)
Daviess County									
Odon	20	1415EST 1420EST			0	0			Hail (1.00)
Hancock County									
5 N Greenfield	20	1430EST			0	0	10K		Thunderstorm Wind (G50)
Daviess County									
1 N Plainville	20	1432EST 1434EST			0	0			Hail (0.75)
Henry County									
2 E Mt Summit	20	1458EST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

April 2003

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									
Muncie	20	1505EST			0	0			Thunderstorm Wind (G50)
Randolph County									
Winchester	20	1511EST			0	0	10K		Thunderstorm Wind (G50)
Daviess County									
Odon	20	1515EST			0	0			Hail (1.00)
Henry County									
Middletown	20	1525EST			0	0			Thunderstorm Wind (G50)
Boone County									
Zionsville	20	1601EST			0	0			Hail (0.75)
Daviess County									
Odon to Washington	20	1740EST 1750EST			0	0			Hail (1.25)
Monroe County									
Bloomington to 1 W Bloomington	20	1900EST			0	0			Hail (2.00)
Johnson County									
New Whiteland	20	2000EST			0	0			Hail (1.00)
A line of thunderstorms with embedded supercells produced large hail and damaging winds.									
<u>INDIANA, Northeast</u>									
Starke County									
Knox	04	1530EST			0	0	0		Hail (0.88)
Starke County									
North Judson	04	1530EST			0	0	0		Hail (0.75)
Miami County									
1 N Peru	04	1620EST			0	0	0		Hail (0.75)
Wabash County									
1 SW Roann	04	1639EST			0	0	0		Hail (0.75)
Wabash County									
Roann	04	1642EST			0	0	0		Hail (0.88)
Wabash County									
3 S North Manchester	04	1645EST			0	0	0		Hail (0.75)
Huntington County									
10 N Andrews	04	1702EST			0	0	0		Hail (1.00)
Adams County									
2 NE Decatur	04	1730EST			0	0	0		Hail (0.75)
Adams County									
1 NE Decatur	04	1730EST			0	0	0		Hail (0.75)
Noble County									
5 E Cromwell	04	1804EST			0	0	0		Hail (1.75)
Noble County									
5 N Albion	04	1813EST			0	0	0		Hail (1.75)
Cass County									
1 N Logansport	04	1816EST			0	0	0		Hail (0.75)
Starke County									
6 W North Judson to 6 N North Judson	04	1840EST			0	0	5K		Thunderstorm Wind (G60)
Spotters reported farm wagons turned over...minor roof damage to a home...and trees and power lines down west of North Judson.									
Steuben County									
2 NW Angola	04	1846EST			0	0	0		Hail (0.75)
Wells County									
Bluffton	04	1846EST			0	0	0		Hail (0.75)
White County									
14 E Monon	04	1856EST			0	0	0		Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

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, Northeast</u>									
Cass County									
Logansport	04	1900EST			0	0	6K		Thunderstorm Wind (G60)
Emergency management reported a roof blown off a barn...some roof damage to a house...and trees and power poles down near Logansport.									
Whitley County									
5 NW Columbia City	04	1955EST			0	0	0		Thunderstorm Wind (G63)
A trained spotter estimated wind gusts to 70 mph northwest of Columbia City.									
Pulaski County									
Monterey	20	1309EST			0	0	0		Hail (0.75)
	21	1309EST							
A Spotter reported pea to penny size hail covering the ground.									
Starke County									
3 E Ora	20	1310EST			0	0	0		Hail (0.75)
	21	1310EST							
Elkhart County									
Goshen Arpt to Goshen	20	1357EST			0	0	0		Thunderstorm Wind (G52)
	21	1357EST							
Lagrange County									
1 N Topeka	20	1421EST			0	0	0		Hail (0.75)
	21	1421EST							
Adams County									
2 N Berne	30	1409EST			0	0	0		Hail (0.75)
Adams County									
Berne	30	1417EST			0	0	0		Hail (0.75)
Starke County									
North Judson	30	1600EST			0	0	0		Hail (0.75)
Marshall County									
Culver	30	1637EST			0	0	0		Hail (0.75)
Kosciusko County									
4 E Leesburg	30	1735EST			0	0	2K		Thunderstorm Wind (G55)
Local media reported a grain bin was blown down west of Leesburg.									
Kosciusko County									
4 E Leesburg	30	1738EST			0	0	0		Hail (0.75)
Kosciusko County									
1 N North Webster	30	1755EST			0	0	0		Hail (1.00)
One inch hail occurred at the weather service office north of North Webster.									
Noble County									
5 SW Albion	30	1811EST			0	0	0		Hail (0.75)
Noble County									
Albion	30	1819EST			0	0	0		Hail (0.75)
Noble County									
1 S Merriam	30	1842EST			0	0	0		Hail (0.75)
Noble County									
1 N Avilla	30	1847EST			0	0	0		Hail (0.75)
De Kalb County									
2 NW Auburn	30	1856EST			0	0	0		Hail (0.75)
De Kalb County									
Waterloo	30	1910EST			0	0	0		Hail (1.00)
Jay County									
Salamonia	30	1941EST			0	0	0		Hail (0.88)
<u>INDIANA, Northwest</u>									
Jasper County									
Tefft	04	1725CST			0	0			Thunderstorm Wind (G55)
Benton County									
Fowler to 2 N Oxford	04	1825EST 1830EST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

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, Northwest</u>									
Newton County									
Kentland	04	1950CST			0	0			Hail (0.75)
Thunderstorms which formed across northern Illinois during the afternoon hours of April 4th moved across northwest Indiana during the late afternoon and evening hours. Hail was reported across parts of Benton and Newton counties with some small branches reported down in Benton county. A roof was blown off a building in Jasper county at State Road 10 and county road 400E just south of Tefft.									
<u>INDIANA, South Central</u>									
Harrison County									
Corydon	04	2330EST			0	0			Thunderstorm Wind (G52)
Crawford County									
Grantsburg	04	2335EST			0	0			Thunderstorm Wind (G50)
Two trees were downed.									
Harrison County									
Corydon	04	2345EST			0	0			Thunderstorm Wind (G50)
Trees were downed.									
Orange County									
Bacon	04	2345EST			0	0			Thunderstorm Wind (G50)
Trees were downed.									
Dubois County									
Ferdinand	20	1630EST			0	0			Hail (0.75)
Dubois County									
Jasper	20	1630EST			0	0			Hail (1.00)
Dubois County									
Countywide	20	1642EST			0	0			Thunderstorm Wind (G60)
Trees and power lines were downed.									
Dubois County									
Huntingburg	20	1735EST			0	0	5K		Thunderstorm Wind (G60)
Eight pickup toppers were destroyed at a farm implements sales company. An aluminum trailer was also flipped.									
Dubois County									
Huntingburg	20	1735EST			0	0			Thunderstorm Wind (G61)
Dubois County									
Jasper	20	1735EST			0	0			Thunderstorm Wind (G50)
Trees were blown down.									
Washington County									
Salem	20	1800EST			0	0			Hail (0.75)
Perry County									
Tell City	20	1815EST			0	0			Hail (1.75)
Scott County									
Scottsburg	20	1824EST			0	0			Hail (0.75)
Harrison County									
Valley City	20	1905EST			0	0			Hail (0.88)
Harrison County									
Corydon	20	1925EST			0	0	30K		Thunderstorm Wind (G65)
A tree was blown on to a house. Another tree was blown on to power lines. Part of a garage roof was blown off.									
Perry County									
Tell City	28	1610EST			0	0			Thunderstorm Wind (G50)
Trees were downed over the western half of the county.									
Perry County									
Branchville	28	1620EST			0	0			Thunderstorm Wind (G50)
Two trees were blown over roads north of Branchville.									
<u>INDIANA, Southeast</u>									
Union County									
Witts Station	04	2245EST 2249EST			0	0	8K		Thunderstorm Wind (G50)
A barn was destroyed.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
INDIANA, Southeast									
Union County									
West College Corner	04	2315EST 2319EST			0	0	3K		Thunderstorm Wind (G50)
Trees and powerlines were knocked down in town.									
Dearborn County									
Dillsboro	04	2326EST 2328EST			0	0			Thunderstorm Wind (G60)
Union County									
Liberty	20	1700EST 1704EST			0	0			Hail (0.75)
Ripley County									
Versailles	20	1752EST 1755EST			0	0			Hail (0.75)
INDIANA, Southwest									
Warrick County									
Newburgh to 7 E Newburgh	04	2115CST 2130CST			0	0	2K		Thunderstorm Wind (G50)
Spencer County									
Richland City to Grandview	04	2135CST 2145CST			0	0			Thunderstorm Wind (G50)
A severe thunderstorm tracked eastward along the north side of the Ohio River, producing some tree damage. Seven trees and a traffic light were blown down in Newburgh. Several more trees were blown down along a path extending east of Newburgh to Grandview in Spencer County.									
INZ087									
Warrick									
	14	0300CST			0	0			Flood
	16	0300CST							
The Ohio River rose a couple of inches above flood stage at the Newburgh Lock and Dam, where flood stage is 38 feet. Minor flooding of low-lying fields occurred.									
Pike County									
2 W Petersburg	17	1430CST			0	0			Funnel Cloud
A funnel cloud was observed just west of Petersburg. The funnel cloud, which was photographed from a power plant near Petersburg, was reported by numerous people. No damage or confirmation of a touchdown could be obtained. The funnel cloud was one of several reported in the Wabash Valley region and southwest Indiana during the day. The funnels were associated with showers occurring under a cold upper level low.									
Pike County									
Petersburg	20	1502CST			0	0			Hail (0.75)
Gibson County									
Mackey	20	1503CST			0	0			Hail (0.75)
Pike County									
Velpen	20	1519CST			0	0			Hail (1.00)
A severe thunderstorm developed over southeast Gibson County and moved northeast across Pike County. Dime to quarter size hail was reported along its path. Winds gusted to around 50 MPH at Mackey.									
Warrick County									
4 SW Tennyson to .3 N Tennyson	20	1523CST 1525CST			0	0			Hail (2.50)
Spencer County									
Dale	20	1530CST			0	0			Hail (1.00)
A severe thunderstorm moved northeast along the Warrick/Spencer County line, producing very large hail along its track. Hailstones were reported up to 2.5 inches in diameter, nearly baseball size, four miles southwest of Tennyson. Quarter size hail was reported elsewhere.									
Warrick County									
Boonville to 1 N Boonville	20	1550CST			0	0			Hail (2.50)
A severe thunderstorm moved east across Warrick County, producing very large hail near Boonville. Hail was reported to be 2.5 inches in diameter, nearly baseball size, just north of Boonville. The hail broke windows and damaged vehicles.									
Spencer County									
Patronville	20	1645CST			0	0			Hail (1.00)
A severe thunderstorm tracked east across extreme southern parts of the county, producing large hail.									

Storm Data and Unusual Weather Phenomena

April 2003

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

Spencer County

St Meinrad **20** **2000CST** **0** **0** **Thunderstorm Wind (G50)**

A co-operative observer reported numerous tree limbs and a couple of trees down.

IOWA, Central

IAZ004>007-015>017-023>028-033>039 **Emmet - Kossuth - Winnebago - Worth - Palo Alto - Hancock - Cerro Gordo - Pocahontas - Humboldt - Wright - Franklin - Butler - Bremer - Sac - Calhoun - Webster - Hamilton - Hardin - Grundy - Black Hawk**

04 **0800CST** **0** **0** **100K** **Ice Storm**
1200CST

A polar cold front had moved south across Iowa during the afternoon of the 3rd and early morning of the 4th. A shallow layer of cold air was in place over Iowa. At the same time, a wave formed along the front in Kansas and lifted northeast across Missouri during the day in response to a strong short wave aloft. A southwest flow of warm and moist air flowed over the top of the cold air at the surface. The result was an area of freezing rain with embedded thunderstorms and some hail. Icing was a problem north of U.S. Highway 20. Though the ground temperatures were warm enough that it was not a major travel problem, exposed objects collected ice rapidly. Ice accretions of one quarter to one third of an inch were common across the area. The ice caused some minor problems with downed tree branches and spotty power outages, but nothing serious.

IAZ005>007-015>017-023>028-033>035-037>039-044 **Kossuth - Winnebago - Worth - Palo Alto - Hancock - Cerro Gordo - Pocahontas - Humboldt - Wright - Franklin - Butler - Bremer - Sac - Calhoun - Webster - Hardin - Grundy - Black Hawk - Crawford**

06 **1500CST** **0** **0** **95K** **Winter Storm**
07 **1900CST**

A late season snow storm developed over the southern Rockies during the night of the 5th into the morning of the 6th. The upper system was quite separated from the surface features. Though the surface low tracked across southern Kansas and eventually through Missouri, the upper level low pressure moved northeast into northeast Nebraska by the morning of the 7th, before sinking slowly southeast across Iowa. A cold air mass was in place to the north of Iowa. A mixture of precipitation occurred across the state. Over the far south, all of the precipitation fell in the form of rain. Precipitation was mixed over the central counties, and predominantly snow over the north. Though there was a mixture of freezing rain and ice pellets in the central counties, the amounts were not all that significant. Significant snowfall occurred north of Interstate 80. Due to the prolonged nature of the event, many areas did not meet the criteria of a winter storm. Snowfall along the I-80 and U.S. Highway 30 corridors was generally in the 3 to 6 inch range. The snow fell over a 24 hour period. Heavy snowfall occurred from about U.S. Highway 20 and north. During a 12 to 18 hour period, snowfall of 7 to 10 inches was common. Some of the heavier snowfall amounts were 10.1 inches in Worth County at Northwood, 9.4 inches in Kossuth County at Swea City, and 9 inches in Webster County at Fort Dodge. Travel was hampered to some extent during the nighttime hours, but with ground temperatures in the low 40s F., conditions improved quickly after sunrise. Blowing and drifting snow was limited because of the heavy, wet nature of the snow. Winds during the height of the storm were from the east at 20 to 45 MPH. This caused significant drifting in open areas for a few hours. Also, the wet snow stuck to trees and power lines. There were scattered reports of tree limbs down and power outages, but nothing widespread.

Polk County

Des Moines **29** **2322CST** **0** **0** **Hail (0.75)**

Cass County

Massena **30** **0148CST** **0** **0** **Hail (0.75)**

Jasper County

Prairie City **30** **0505CST** **0** **0** **Hail (0.88)**

Polk County

West Des Moines **30** **0610CST** **0** **0** **5K** **Hail (1.00)**

Polk County

West Des Moines **30** **0615CST** **0** **0** **5K** **Hail (1.00)**

Polk County

Windsor Hgts **30** **0620CST** **0** **0** **Hail (0.75)**

Polk County

Des Moines **30** **0639CST** **0** **0** **Hail (0.88)**

Polk County

West Des Moines **30** **0640CST** **0** **0** **Hail (0.88)**

Polk County

Des Moines **30** **0645CST** **0** **0** **Hail (0.88)**

Polk County

Des Moines **30** **0646CST** **0** **0** **Hail (0.88)**

Warren County

Norwalk **30** **0707CST** **0** **0** **10K** **Hail (1.75)**

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time 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

Tama County

Dysart

30 0800CST 0 0 40K **Lightning**

A strong push of warm and moist air took place over the central U.S. during the early morning hours of the 30th. A nearly stationary frontal boundary extended east to west to the south of Iowa. South winds at the 850 mb level were blowing near 60 kts over the frontal boundary. Thunderstorms fired up quite rapidly during the overnight hours. Initially the storms were below severe levels, but were producing small hail. As the low level jet became stronger, the storms intensified. Pea to marble size hail was common by daybreak. A cluster of storms became severe as they moved through central Iowa. Nickel size hail was common over the metro Des Moines area. A report of golf ball size hail was received from south of the Des Moines area in Norwalk. During the morning of the 30th, as the storms were in a state of decay, lightning struck a barn in Tama County at Dysart. The barn was set on fire and was a total loss.

Wapello County

Eldon

30 1557CST 0 0 5K **Hail (1.00)**

Wapello County

4 E Agency to
4 W Agency

30 1616CST 0 0 5K **Hail (1.00)**

Marion County

1 NW Bussey

30 1654CST 0 0 10K **Hail (1.75)**

Monroe County

Albia

30 1716CST 0 0 10K **Hail (1.75)**

Mahaska County

9 NW Oskaloosa

30 1719CST 0 0 5K **Hail (1.00)**

Monroe County

4 N Avery

30 1725CST 0 0 50K **Hail (2.75)**

Decatur County

5 E Leon

30 1728CST 0 0 **Hail (0.88)**

Monroe County

9 ENE Albia

30 1730CST 0 0 50K **Hail (2.50)**

Monroe County

2 NE Avery to
4 NE Avery

30 1730CST 1.5 25 0 0 **Tornado (F0)**

Brief touchdown in open area. Tornado moved into from Monroe County into Wapello County.

Wayne County

Millerton

30 1730CST 0 0 5K **Hail (1.00)**

Wapello County

6 W Chillicothe to
5 W Chillicothe

30 1731CST 1 25 0 0 **Tornado (F0)**

Brief touchdown in open area. Tornado moved into county from Monroe County.

Ringgold County

5 SSW Benton

30 1737CST 0 0 **Hail (0.75)**

Wapello County

Chillicothe

30 1741CST 0 0 **Hail (0.75)**

Ringgold County

7 S Mt Ayr Muni Arpt

30 1745CST 0 0 **Hail (0.88)**

Wapello County

1 E Highland Center

30 1745CST 0.2 20 0 0 **Tornado (F0)**

Brief touchdown in field.

Wapello County

1 S Eddyville

30 1747CST 0 0 20K **Hail (2.75)**

Wapello County

Ottumwa

30 1800CST 0 0 5K **Hail (1.00)**

Decatur County

Lamoni

30 1804CST 0 0 10K **Hail (1.75)**

Decatur County

Lamoni

30 1812CST 0 0 5K **Hail (1.00)**

Mahaska County

Oskaloosa

30 1818CST 0 0 5K **Hail (1.00)**

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Appanoose County									
Moulton	30	1830CST			0	0			Hail (0.75)
Dallas County									
3 E Adel	30	1848CST			0	0	5K		Hail (1.00)
Poweshiek County									
2 NE Hartwick	30	1850CST			0	0			Hail (0.75)
Dallas County									
2 S Dallas Center	30	1854CST			0	0	5K		Hail (1.00)
Wapello County									
Ottumwa	30	1854CST			0	0	5K		Hail (1.00)
Wayne County									
Seymour	30	1855CST			0	0	5K		Hail (1.00)
Polk County									
Urbandale	30	1918CST 1919CST			0	0	5K		Hail (1.00)
Polk County									
Des Moines	30	1920CST			0	0	2K		Hail (0.88)
Polk County									
Des Moines	30	1924CST			0	0	5K		Hail (1.00)
Polk County									
Saylorville	30	1924CST			0	0	5K		Hail (1.00)
Polk County									
Des Moines	30	1928CST			0	0	5K		Hail (1.00)
Appanoose County									
1 S Numa	30	1930CST			0	0	10K		Hail (1.75)
Polk County									
Des Moines	30	1934CST			0	0	10K		Hail (1.75)
Polk County									
Pleasant Hill	30	1936CST			0	0	5K		Hail (1.25)
Polk County									
Altoona	30	1939CST			0	0	10K		Hail (1.75)
Polk County									
Bondurant	30	1939CST			0	0	5K		Hail (1.00)
Polk County									
Des Moines	30	1950CST			0	0	5K		Hail (1.00)
Jasper County									
1 W Colfax	30	1956CST			0	0	5K		Hail (1.00)
Jasper County									
1 N Colfax to 1 S Colfax	30	1956CST			0	0	5K		Hail (1.00)
Jasper County									
1 E Colfax	30	1956CST			0	0	10K		Hail (1.75)
Jasper County									
Colfax	30	2006CST			0	0	25K		Hail (2.75)
Appanoose County									
Moulton	30	2008CST			0	0	5K		Hail (1.00)
Jasper County									
Colfax	30	2009CST			0	0	25K		Hail (2.50)
Appanoose County									
Moulton	30	2010CST			0	0	75K		Lightning
Jasper County									
Newton	30	2010CST			0	0	5K		Hail (1.00)
Jasper County									
Newton	30	2013CST			0	0	10K		Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Jasper County									
Newton	30	2014CST			0	0	10K		Hail (1.75)
Jasper County									
6 N Newton	30	2015CST			0	0			Hail (1.00)
Poweshiek County									
Malcolm	30	2057CST			0	0			Hail (0.75)
Poweshiek County									
Brooklyn	30	2058CST			0	0	10K		Hail (1.75)
Poweshiek County									
Brooklyn	30	2100CST			0	0			Hail (0.75)
<p>A strong storm system moved northeast across Kansas into northern Missouri during the late afternoon and early evening hours. There was a strong contrast across a warm front that extended east from the low. North of the front, afternoon temperatures were in the 50s, while mid 80s were common to the south of the front. In addition, surface dew point temperatures were in the mid 60s in the warm sector. Strong low level winds pushed the warm and moist air over the cold dome to the north of the warm front. During the evening hours, a negatively tilted upper level trough of low pressure lifted northeast across the area. This set the stage for widespread thunderstorm development. With the freezing level relatively low, only 11,000 feet, hail was the most common severe weather reported. There was one tornado that touched down briefly in Monroe and Wapello Counties. A second tornado touched down a short time later northeast of Ottumwa. No significant damage was reported with the tornado. Several of the storms produced hail up to about an inch in diameter. The stronger storms produced hail of golf ball size and larger. The largest hail, baseball size, was reported in Jasper County at Colfax, and also a report of baseball size hail was received from south of Eddyville in Wapello County and north of Avery in Monroe County. There were also several reports of golf ball size hail from around central into southeast Iowa. As the thunderstorms moved through Appanoose County, lightning struck a house in Moulton. The house was set on fire and burned to the ground.</p>									
<u>IOWA, East Central and Southeast</u>									
Scott County									
Davenport	04	1520CST			0	0			Hail (0.75)
Scott County									
Bettendorf	04	1525CST			0	0			Hail (0.80)
Davenport/Bettendorf line									
Jones County									
Oxford Jct	04	1550CST			0	0			Hail (0.75)
<p>An early spring storm accompanied with very cold air aloft allowed thunderstorms to produce copious amounts of hail across Eastern Iowa and Northwest Illinois. Hail durations of 5 to 10 minutes were common with hail sizes ranging from 0.25 to 0.70 inch. West Liberty Iowa reported hail off and on for 30 minutes during the afternoon. Hail covered the ground in many cities with roads becoming icy from the hail and temperatures falling to around freezing.</p>									
IAZ040-051-053									
Buchanan - Benton - Jones									
	06	1730CST			0	0			Heavy Snow
	07	1200CST							
5 to 7 inches of snow									
<p>A powerful spring storm system brought a late season snowfall to Eastern Iowa and Northwest Illinois. Sustained winds of 20 to 35 mph with gusts of 40 to 50 mph were common creating power outages. Many schools either cancelled or started classes late on Monday April 7th while law enforcement reported several accidents due to slick roads with at least 1 injury reported. Areas south of Interstate 80 saw an inch or less of snowfall, while areas between Interstate 80 and U.S. Highway 30 saw 1 to 3 inches of snow. The heaviest snow fell north of U.S. Highway 30 where 3 to 6 inch snowfall amounts were common. A cooperative observer in Stanley Iowa reported 7.1 inches of snow. Due to ongoing drought conditions, the moisture from the snow was welcomed.</p>									
Benton County									
4 SW Atkins	30	0345CST			0	0			Thunderstorm Wind (G52)
Poles down									
Linn County									
Cedar Rapids	30	0900CST 0910CST			0	0			Thunderstorm Wind (G52)
Semi trucks over on I380 & IA 201									
Scott County									
Maysville	30	1157CST 1202CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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

Scott County							
Buffalo	30	1228CST			0 0		Hail (1.00)
Lee County							
Keokuk	30	1240CST 1245CST			0 0		Hail (1.00)
Lee County							
Keokuk	30	1240CST			0 0		Hail (1.75)
Benton County							
Atkins	30	1250CST			0 0		Heavy Rain
							Fields and ditches full
Benton County							
Luzerne to Walford	30	1250CST			0 0		Heavy Rain
<p>Water over County E66 in spots The first two of what would be three rounds of severe weather occurred in the pre-dawn and late morning to early afternoon hours. A strong low level jet developed thunderstorms north of a warm front that was located across Southern Iowa and Central Illinois. Due to low freezing levels aloft north of the warm front, storms were prolific hail producers with numerous reports of pea to just under three quarter inch size hail amounts.</p>							
Washington County							
Crawfordsville	30	1611CST			0 0		Hail (0.75)
Jefferson County							
Fairfield	30	1637CST			0 0		Hail (0.75)
Jefferson County							
Batavia	30	1645CST			0 0	50K	Hail (1.25)
Jefferson County							
Fairfield	30	1645CST			0 0	50K	Hail (1.25)
							Sheriff car damaged
Jefferson County							
Packwood	30	1645CST			0 0	50K	Hail (1.25)
Louisa County							
Wapello	30	1645CST			0 0		Hail (0.75)
Washington County							
Brighton	30	1645CST 1650CST			0 0		Hail (0.75)
Louisa County							
Elrick	30	1646CST			0 0		Funnel Cloud
Louisa County							
Grandview	30	1648CST			0 0	50K	Hail (1.00)
Louisa County							
1 N Wapello	30	1648CST			0 0		Hail (0.88)
Louisa County							
2 S Wapello	30	1650CST			0 0	1M	Hail (2.75)
Louisa County							
2 S Wapello	30	1650CST			0 0	50K	Thunderstorm Wind (G52)
							Power lines down
Louisa County							
3 E Wapello	30	1656CST			0 0		Funnel Cloud
Henry County							
1 N Mt Pleasant	30	1659CST			0 0		Hail (0.88)
Henry County							
4 W Mt Union	30	1700CST			0 0		Hail (0.88)
Louisa County							
1 SE Grandview	30	1702CST			0 0	20K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

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

IOWA, East Central and Southeast

Henry County

5 N Mt Pleasant	30	1703CST			0	0	50K		Hail (1.75)
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Henry County

Wayland	30	1704CST			0	0	100K		Hail (1.25)
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Louisa County

4 NNE Wapello	30	1704CST			0	0			Funnel Cloud
Possible funnel									

Louisa County

4 NNE Wapello	30	1704CST			0	0			Hail (0.75)
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Des Moines County

Yarmouth	30	1725CST			0	0			Funnel Cloud
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Henry County

2 N Mt Union	30	1730CST			0	0	10K		Hail (1.00)
Jct Iowa 78 & County X23									

Louisa County

1 ESE Morning Sun to 3.5 N Oakville	30	1735CST 1820CST	16	880	0	0	200K		Tornado (F0)
Path narrowed to 50 yards									

Louisa County

Wapello	30	1735CST			0	0			Hail (0.88)
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Louisa County

Morning Sun	30	1740CST			0	0	4M		Hail (2.75)
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Louisa County

Wapello	30	1740CST			0	0	1M		Hail (1.75)
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Louisa County

1 S Morning Sun	30	1742CST			0	0			Funnel Cloud
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Washington County

2 S Riverside	30	1825CST			0	0	100K		Hail (1.75)
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Jefferson County

Fairfield	30	1839CST			0	0			Hail (0.88)
Covered the ground									

Louisa County

Cotter	30	1845CST			0	0	250K		Hail (1.75)
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Louisa County

2 SSW Columbus Jct	30	1850CST			0	0	150K		Hail (1.75)
Pea hail covered ground									

Louisa County

Columbus Jct	30	1850CST			0	0	50K		Hail (1.00)
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Washington County

Kalona	30	1904CST			0	0	30K		Heavy Rain
Street flooding									

Benton County

1 NW Vinton	30	1909CST			0	0			Hail (0.75)
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Muscatine County

Muscatine	30	1915CST			0	0			Hail (0.75)
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Benton County

Urbana	30	1920CST			0	0	400K		Hail (1.75)
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Henry County

Mt Pleasant	30	1923CST			0	0			Hail (0.88)
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Benton County

Urbana	30	1926CST			0	0	100K		Hail (1.00)
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Buchanan County

Aurora	30	1926CST			0	0			Hail (0.75)
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Jefferson County

Fairfield	30	1928CST			0	0	50K		Heavy Rain
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Storm Data and Unusual Weather Phenomena

April 2003

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

IOWA, East Central and Southeast

Henry County

Mt Pleasant 30 1930CST 0 0 100K **Hail (1.00)**

Iowa County

Victor 30 2110CST 0 0 50K **Hail (1.00)**

Louisa County

5 N Wapello 30 2130CST
2330CST 0 0 500K **Flash Flood**

US 61 covered with water

Clinton County

Clinton 30 2132CST 0 0 10K 0 **Lightning**

Warehouse fire at Purina complex

Supercell thunderstorms developed in the afternoon and evening north of a warm front that ran from Southern Iowa into Central Illinois. Three distinct supercells produced a majority of the wind, hail, and heavy rain reports from Jefferson County Iowa into Henry County Illinois. Mercer County Illinois was under tornado warnings on a continuous basis for 2 hours. Officials at a high school track meet in Aledo, Illinois ushered all students into the safety of the school resulting in no injuries. The training of the supercells from Louisa County Iowa to Henry County Illinois dumped heavy rain over the Edwards River and Pope Creek basins in Illinois with radar estimating 9 inches of rain. Actual amounts varied due to large amounts of hail with the storms. Cambridge Illinois estimated 7 to 8 inches of rain fell in the town. Illinois Route 17 was closed due to flooding between Aledo and Viola with Illinois Route 94 closed south of Aledo. In Andover Illinois, two thirds of the town had basements flooded. Toward the end of the event a bow echo developed in Henry County Illinois and raced east across Bureau and Putnam counties. The fire department in Standard, Illinois measured a 69 knot (80 mph) wind gust when the bow echo moved through. In Clinton, Iowa, a lightning strike started a warehouse fire at the Nestle Purnina Complex.

Van Buren County

2 SW Keosauqua 30 2019CST 1 1 **Lightning**

In Lacey-Keosauqua State Park southwest of Keosauqua, Iowa, 2 brothers were struck by lightning while setting up a tent for a camping/hunting trip. One brother survived, but the other died 11 weeks later on his 34th birthday after never coming out of a coma.

M34CA

IOWA, Northeast

IAZ008>011-018>019-029>030 **Mitchell - Howard - Winneshiek - Allamakee - Floyd - Chickasaw - Fayette - Clayton**

07 0000CST
1445CST 0 0 **Winter Storm**

An early spring snowstorm hit northeast Iowa, with accumulations ranging from 6 inches to nearly a foot. Snowfall reports from volunteer observers included 11 inches at Dorchester (Allamakee County), as well as 9 inches at Charles City (Floyd County) and Lime Springs (Howard County). The heavy snow was accompanied by strong east winds gusting to 30 mph, which caused whiteout conditions at times.

IOWA, Northwest

IAZ001>003-012>014-020>022-031>032 **Lyon - Osceola - Dickinson - Sioux - O'Brien - Clay - Plymouth - Cherokee - Buena Vista - Woodbury - Ida**

06 1700CST 0 0 10K **Heavy Snow**
07 1200CST

Heavy wet snow accumulated to 6 to 10 inches over a large area. The snowfall caused travel and event delays, including school delays and closings. A few power lines were reported down in the Sioux City area. The snowfall was suspected to be a contributing factor in several accidents.

Storm Data and Unusual Weather Phenomena

April 2003

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

IAZ043-055>056

Monona - Harrison - Shelby

06	1100CST				0	0			Winter Storm
07	0400CST								

A late season winter storm brought a heavy wet snow to northeast and parts of east central Nebraska as well as west central Iowa. The snow started Sunday morning, April 6, in east central and northeast Nebraska and west central Iowa. During Sunday afternoon the snow became increasingly widespread across eastern Nebraska north of highway 30, and north of Interstate 80 in west central Iowa. A mix of rain...sleet and snow fell south of that area. Thunderstorms were embedded within the precipitation in the afternoon and evening hours. Much of the mixed precipitation changed to snow over all but far southeast Nebraska and far southwest Iowa by Sunday evening. Although the snow continued into Monday, most of the accumulating snow was over with by 400 am Monday. This storm was the result of low pressure that moved through the Rockies and then out onto the Plains Sunday. The storm was able to tap abundant moisture from the Gulf of Mexico as it moved into the Midwest.

The first report of snowfall reaching 6 inches in west central Iowa was received around 200 am cdt 4/7/03 near Little Sioux, Iowa. Heavier snow amounts in west central Iowa included 8 inches at Little Sioux and between 5 and 6 inches at Harlan.

Page County

Blanchard

15	1648CST				0	0			Thunderstorm Wind (G50)
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A spotter estimated thunderstorm wind gusts approaching 60 mph in Blanchard.

Shelby County

2 N Defiance

29	2033CST				0	0			Hail (0.88)
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Shelby County

Defiance

29	2036CST				0	0			Hail (1.25)
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Mills County

2 N Glenwood

30	0505CST				0	0			Hail (0.75)
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KANSAS, East

Cloud County

Concordia

03	1028CST				0	0			Hail (1.00)
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Wabaunsee County

Harveyville

18	2155CST				0	0			Hail (0.75)
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Wabaunsee County

Alma

18	2157CST				0	0			Hail (0.75)
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Shawnee County

Topeka Billard Arpt

18	2205CST				0	0			Thunderstorm Wind (G52)
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Shawnee County

Topeka

18	2209CST				0	0			Hail (0.75)
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Osage County

2 E Scranton

18	2215CST				0	0			Hail (1.75)
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Shawnee County

Lake Shawnee

18	2220CST				0	0			Hail (0.88)
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Jefferson County

3 SE Ozawkie

18	2235CST				0	0			Hail (0.88)
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Osage County

Burlingame

18	2318CST				0	0			Heavy Rain
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Heavy rains of 2 to 3 inches fell in a short time in the Burlingame and Scranton areas causing ditches to run full with water spilling onto roads in the area.

Douglas County

Clinton

18	2325CST				0	0			Hail (1.00)
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Douglas County

Lawrence

18	2340CST				0	0			Hail (0.88)
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Shawnee County

Richland

18	2345CST				0	0	4K		Thunderstorm Wind (G55)
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Strong winds damaged a barn in the Richland area.

Coffey County

2 SW Waverly

19	1708CST				0	0			Hail (0.75)
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Coffey County

Waverly

19	1715CST				0	0			Hail (0.75)
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Franklin County

Williamsburg

19	1723CST				0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

April 2003

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>									
Franklin County									
8 E Ottawa	19	1746CST			0	0			Hail (1.00)
Coffey County									
8 W Burlington	19	1757CST			0	0			Hail (0.88)
Coffey County									
Burlington	19	1812CST			0	0	10K		Thunderstorm Wind (G60)
Strong winds tore apart a metal storage building with parts of it striking electric lines and a pickup truck doing extensive damage to the truck. Brick signs at 2 schools were also blown over.									
Lyon County									
Reading	19	1926CST			0	0			Heavy Rain
Heavy rains of two to 4 inches in a short time caused some localized flooding in the Reading area.									
Franklin County									
3 N Rantoul	24	1313CST	0.3	80	0	0	105K		Tornado (F1)
A tornado touched down and moved northeast a little over a quarter mile before dissipating. The tornado damaged or destroyed 6 out buildings at one farm and damaged a barn at another farm nearby.									
Lyon County									
Hartford	24	1457CST			0	0			Hail (0.75)
Lyon County									
5 W Emporia	24	1513CST			0	0			Hail (1.75)
Coffey County									
Lebo	24	1514CST			0	0			Hail (0.75)
Lyon County									
4 SW Americus	24	1530CST			0	0			Hail (1.75)
Osage County									
6 SW Melvern	24	1533CST			0	0			Hail (1.00)
Osage County									
2 W Melvern	24	1546CST			0	0			Hail (0.88)
Osage County									
1 N Melvern	24	1554CST			0	0			Hail (1.00)
Osage County									
3 W Quenemo	24	1600CST	0.1	80	0	0	15K		Tornado (F0)
A weak tornado touched down briefly and knocked down trees and 2 power poles and damaged an out building.									
Osage County									
1 N Melvern	24	1604CST			0	0	1K		Hail (0.03)
Large hail damaged some windows near Melvern.									
Osage County									
Pomona Res	24	1626CST			0	0			Hail (1.00)
Osage County									
Pomona Res	24	1629CST			0	0			Hail (1.75)
Franklin County									
4 SW Ottawa	24	1647CST	0.1	50	0	0			Tornado (F0)
A weak tornado touched down briefly in open country and did no damage.									
Thunderstorms developed early in the afternoon of the 24th and continued into the late afternoon hours. Some became severe and produced numerous reports of large hail along with 3 tornadoes (discussed separately).									
Coffey County									
2 N Le Roy	30	1915CST			0	0			Hail (0.75)
Coffey County									
Waverly	30	1915CST			0	0			Hail (0.75)
Anderson County									
Harris	30	1923CST			0	0			Hail (0.88)
Coffey County									
Burlington	30	1950CST			0	0			Hail (0.75)
Coffey County									
2 N Le Roy	30	1953CST			0	0			Hail (0.75)
Anderson County									
Harris	30	1953CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Coffey County									
3 NNE Aliceville	30	1955CST			0	0			Hail (1.00)
Coffey County									
Le Roy	30	2000CST			0	0			Hail (1.00)
Anderson County									
3 NNE Colony	30	2032CST			0	0			Hail (1.00)
Anderson County									
3 NE Colony	30	2037CST			0	0			Hail (0.75)
Anderson County									
3 N Lone Elm	30	2054CST			0	0			Hail (0.75)
Anderson County									
3 NNE Colony	30	2103CST			0	0			Hail (0.75)
Coffey County									
2 S Lebo	30	2112CST			0	0			Hail (0.75)
Anderson County									
2 ENE Welda	30	2133CST			0	0			Hail (0.75)
Coffey County									
7 E Lebo	30	2145CST			0	0			Hail (0.88)
Coffey County									
7 E Lebo	30	2245CST			0	0			Hail (0.88)
Dickinson County									
3 S Woodbine	30	2315CST			0	0			Hail (0.88)
Thunderstorms developed over east central Kansas early in the evening on the 30th and continued into the late evening hours. Some of the storms became severe and produced numerous reports of large hail.									
<u>KANSAS, Extreme Southeast</u>									
Cherokee County									
Galena	06	1120CST			0	0			Hail (0.88)
Crawford County									
4 E Walnut	16	0115CST			0	0			Thunderstorm Wind (G70)
Bourbon County									
3 SW Pawnee Station	16	0125CST			0	0			Thunderstorm Wind (G65)
Bourbon County									
Ft Scott	16	0139CST			0	0			Thunderstorm Wind (G70)
Severe thunderstorm wind gusts downed several trees and blew signs down within the city of Fort Scott.									
Crawford County									
2 W Pittsburg	19	1935CST			0	0			Hail (0.88)
Cherokee County									
Columbus	19	2205CST			0	0			Hail (0.75)
Cherokee County									
7 S Columbus	28	1821CST			0	0			Hail (0.75)
Bourbon County									
Harding	30	2210CST			0	0			Hail (0.88)
Bourbon County									
Devon	30	2246CST			0	0			Hail (0.75)
<u>KANSAS, North Central</u>									
Phillips County									
5 W Phillipsburg	29	0205CST			0	0	10K	0	Heavy Rain
Three inches of rain fell in a very short amount of time and washed culverts out west of Phillipsburg.									
Phillips County									
5 W Phillipsburg	29	0205CST			0	0	25K	0	Thunderstorm Wind (G60)
Phillips County									
Phillipsburg	29	0220CST			0	0	0	0	Hail (1.00)
Phillips County									
13 N Phillipsburg	29	0245CST			0	0	100K	0	Heavy Rain
Torrential rainfall of 3 to 7 inches fell in northern Phillips county and washed out culverts and small bridges on rural roads.									

Storm Data and Unusual Weather Phenomena

April 2003

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, North Central</u>									
Smith County									
9 N Kensington	29	0250CST			0	0	25K	0	Hail (1.25)
Jewell County									
Burr Oak	29	0320CST			0	0	0	0	Hail (1.00)
Jewell County									
13 NW Mankato	29	0405CST			0	0	25K	0	Hail (1.25)
Late night thunderstorms dumped hail and snapped tree limbs in parts of north-central Kansas. Numerous limbs were broke west of Phillipsburg. Golfball size hail caused roof and vehicle damage north of Kensington, while hail of similar size covered the ground northwest of Mankato.									
Smith County									
Kensington	29	1920CST			0	0	0	0	Funnel Cloud
Smith County									
Athol	29	1935CST			0	0	0	0	Funnel Cloud
Smith County									
Thornburg	29	2000CST			0	0	0	0	Hail (1.00)
More thunderstorms later in the day hit parts of northern Smith county. A large supercell thunderstorm produced many occurrences of funnel clouds, but no confirmed tornadoes. Hail also pounded part of the region.									
<u>KANSAS, Northeast</u>									
Johnson County									
1 N Spring Hill	19	1805CST			0	0			Hail (0.75)
Miami County									
1 W Bucyrus	19	1805CST			0	0			Hail (0.88)
Johnson County									
Stanley	19	1821CST			0	0			Hail (0.75)
Linn County									
Mound City	19	1835CST			0	0			Hail (0.88)
Linn County									
Pleasanton	19	1845CST			0	0			Hail (0.75)
Miami County									
2 SW Antioch to 2 WSW Antioch	24	1413CST 1414CST	0.2	50	0	0			Tornado (F0)
Brief tornado touchdown noted in an open field by trained spotters, including an off duty NWS employee.									
Johnson County									
3 NW Stilwell	24	1451CST			0	0			Hail (0.75)
Leavenworth County									
Leavenworth	30	1740CST			0	0			Hail (0.88)
Leavenworth County									
Leavenworth	30	1745CST			0	0			Hail (0.88)
Leavenworth County									
Leavenworth	30	1746CST			0	0			Hail (0.88)
Johnson County									
Clearview Vlg	30	1855CST			0	0			Hail (1.00)
Leavenworth County									
Linwood	30	1904CST			0	0			Hail (1.00)
Wyandotte County									
Bonner Spgs	30	1913CST			0	0			Hail (1.00)
Johnson County									
Overland Park	30	2018CST			0	0			Hail (0.88)
Johnson County									
Overland Park	30	2020CST			0	0			Hail (0.88)
Johnson County									
Olathe	30	2025CST			0	0			Hail (0.88)
Linn County									
La Cygne	30	2130CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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, Northeast</u>									
Linn County									
Pleasanton	30	2145CST			0	0			Hail (0.75)
<u>KANSAS, Northwest</u>									
Norton County									
Norton	03	2255MST			0	0			Hail (1.00)
Penny to quarter size hail. Time estimated									
Norton County									
9 SE Norton	03	2255MST			0	0			Hail (0.75)
Hail 3/4" diameter covering the ground.									
KSZ001>002-013>014-027 Cheyenne - Rawlins - Sherman - Thomas - Wallace									
	05	2100MST			0	0			Heavy Snow
	06	1400MST							
Light snow began during the evening hours of Saturday April 5th and intensified to heavy snow during the overnight hours across eastern Colorado, northwest Kansas and southwest Nebraska. Snow accumulations of 5 to 8 inches were common across Cheyenne, Rawlins, Sherman, Thomas and Wallace counties in northwest Kansas. Snow and blowing snow resulted in reduced visibilities and hazardous travel conditions.									
Sheridan County									
13 SE Hoxie	06	0058MST			0	0			Hail (1.00)
Rawlins County									
Atwood	15	1430MST			0	0			Thunderstorm Wind (G52)
School bus nearly blown off the road.									
Sheridan County									
3 E Hoxie	15	1430MST			0	0			Hail (0.75)
Sheridan County									
1 E Hoxie	15	1435MST			0	0			Hail (0.88)
Logan County									
15 S Oakley	15	1535MST			0	0			Hail (0.75)
Logan County									
11 S Oakley	15	1542MST			0	0			Hail (0.88)
Rawlins County									
Herndon	15	1545MST			0	0			Hail (0.88)
Thomas County									
14 S Colby	15	1547MST			0	0			Thunderstorm Wind (G52)
Thomas County									
3 N Rexford	15	1604MST			0	0			Hail (0.88)
Rawlins County									
8 E Atwood	15	1610MST			0	0			Hail (1.00)
Graham County									
12 SE Hill City	15	1630MST			0	0			Thunderstorm Wind (G52)
Graham County									
Hill City Arpt	15	1645MST			0	0			Thunderstorm Wind (G57)
Graham County									
St Peter	15	1710MST			0	0			Thunderstorm Wind (G52)
Norton County									
Almena	15	1715MST			0	0			Thunderstorm Wind (G52)
Gove County									
4 W Gove	15	1730MST			0	0	0.75K		Lightning
Cow struck and killed by lightning. Value of cow was listed as \$750.00.									
KSZ003-013-013-013-013>014-027-029-029 Decatur - Sherman - Thomas - Wallace - Gove									
	16	0031MST			0	0			High Wind (G58)
		1315MST							
Front facade blew off the building of a local jewelry business in Oberlin.									

Storm Data and Unusual Weather Phenomena

April 2003

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

A low pressure area developed over eastern Colorado on April 15th, which then intensified as it moved into western and central Kansas during the morning of April 16th. The strengthening pressure gradient resulted in a period of strong winds, mostly from midnight through daybreak on the 16th in eastern Colorado, and from midnight through noon on the 16th across western Kansas and southwest Nebraska. Reports of downed trees, tree limbs and damage to fences were received. A new home under construction in Colby, Kansas was heavily damaged.

Cheyenne County									
9 S St Francis	29	0045MST			0	0			Hail (1.00)
Decatur County									
4 SW Oberlin	29	0045MST			0	0			Hail (0.75)
Decatur County									
7 WSW Oberlin	29	0045MST			0	0			Hail (0.75)
Rawlins County									
Atwood	29	0215MST			0	0			Hail (0.88)
Rawlins County									
11 N Atwood	29	0237MST			0	0			Hail (0.88)
Decatur County									
7 WSW Oberlin	29	0250MST			0	0			Hail (0.88)
Decatur County									
Oberlin	29	0250MST			0	0			Hail (1.00)
Wallace County									
3 N Weskan	30	1505MST			0	0			Hail (0.75)
Wallace County									
5 W Sharon Spgs	30	1514MST			0	0			Hail (1.00)
Wallace County									
Sharon Spgs	30	1527MST			0	0			Hail (1.75)
Wallace County									
Wallace	30	1545MST			0	0			Hail (0.75)

KANSAS, Southeast

Butler County									
Rose Hill	06	0404CST			0	0			Hail (0.75)
Kingman County									
3 E Norwich	06	1540CST			0	0			Hail (0.75)
Sedgwick County									
15 S Cheney	06	1540CST			0	0			Hail (1.00)
Sedgwick County									
Wichita	06	1630CST			0	0			Hail (0.75)
									Occurred in East Wichita. Report relayed via KSNW Channel 3.
Rice County									
2 NW Lyons	15	2205CST			0	0			Thunderstorm Wind (G52)
Lincoln County									
6 S Lincoln	15	2320CST			0	0	10K		Thunderstorm Wind (G52)
									Unspecified barn and tree damage.
Montgomery County									
Caney	16	0007CST			0	0			Thunderstorm Wind (G56)
Montgomery County									
6 NW Independence	16	0020CST			0	0			Thunderstorm Wind (G70)
									No damage reported.
Neosho County									
Chanute	16	0045CST			0	0	35K		Thunderstorm Wind (G65)
									Roof blown off a storage building. At same location, top 40 feet of wireless tower destroyed.
Labette County									
Parsons	16	0053CST			0	0			Thunderstorm Wind (G52)
Neosho County									
Thayer	16	0053CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Allen County									
Gas	16	0055CST			0	0	15K		Thunderstorm Wind (G52)
									Barn's roof sheared from west side of the structure that housed farm vehicles.
Neosho County									
4 NW Erie	16	0055CST			0	0			Thunderstorm Wind (G61)
Neosho County									
St Paul	16	0055CST			0	0			Thunderstorm Wind (G61)
									Tree uprooted.
Sedgwick County									
5 E Bentley	19	0329CST			0	0			Thunderstorm Wind (G52)
									Limbs downed.
Chautauqua County									
2 E Sedan	19	0645CST			0	0			Thunderstorm Wind (G61)
									Top quarter of 20 foot Bradford tree either toppled or sheared over.
Elk County									
12 NE Howard	19	0705CST			0	0			Thunderstorm Wind (G52)
									Limbs downed.
Harper County									
5 S Anthony	19	1342CST			0	0			Hail (0.75)
Reno County									
13 SE Haven	19	1426CST			0	0			Hail (0.75)
Harper County									
2.5 SW Bluff City	19	1459CST			0	0			Hail (1.00)
Harper County									
9 E Anthony	19	1505CST			0	0			Hail (2.00)
Harper County									
Bluff City	19	1520CST			0	0			Hail (1.00)
Butler County									
Benton	19	1525CST			0	0			Hail (0.75)
Sedgwick County									
Wichita	19	1541CST			0	0			Hail (1.00)
									Occurred on north side of town.
Sedgwick County									
Wichita	19	1542CST			0	0			Hail (0.88)
									Reported by KWCH Channel 12 on east side of town.
Sedgwick County									
Wichita	19	1543CST			0	0			Hail (1.00)
									Occurred on east side of town.
Sumner County									
1 S Milan	19	1545CST			0	0			Hail (1.00)
Sedgwick County									
Wichita	19	1556CST			0	0			Hail (0.88)
									Occurred on east side of town.
Sumner County									
Caldwell	19	1602CST			0	0			Hail (1.00)
Sumner County									
Caldwell	19	1606CST			0	0			Hail (1.50)
Butler County									
1 W Augusta	19	1608CST			0	0			Hail (0.75)
Butler County									
El Dorado	19	1623CST			0	0			Hail (0.75)
Butler County									
El Dorado	19	1631CST			0	0			Hail (0.75)
Butler County									
El Dorado	19	1631CST			0	0			Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Sumner County									
6 E Caldwell	19	1635CST			0	0			Hail (1.75)
Montgomery County									
Independence	19	1636CST			0	0			Hail (1.00)
Sumner County									
South Haven	19	1639CST			0	0			Hail (1.75)
Montgomery County									
Independence	19	1643CST			0	0			Hail (1.00)
Sumner County									
South Haven	19	1646CST			0	0			Hail (2.50)
Chase County									
Wonsevu	19	1658CST			0	0			Hail (0.75)
Butler County									
Cassoday	19	1701CST			0	0			Hail (1.00)
Greenwood County									
3 SW Thrall	19	1715CST			0	0			Hail (1.00)
Greenwood County									
3 SW Thrall	19	1715CST			0	0			Thunderstorm Wind (G61)
Greenwood County									
1 W Eureka	19	1722CST			0	0	5K		Thunderstorm Wind (G61)
		Roof blown off a porch.							
Montgomery County									
4 E Coffeyville	19	1725CST			0	0			Hail (0.88)
Cowley County									
4 SW Winfield	19	1726CST			0	0			Hail (0.75)
Cowley County									
Arkansas City	19	1733CST			0	0			Hail (1.00)
Greenwood County									
6 SE Madison	19	1735CST			0	0			Thunderstorm Wind (G56)
Montgomery County									
3 SW Coffeyville to 3 S Coffeyville	19	1740CST 1745CST	2	110	0	0			Tornado (F0)
		Relayed by WFO Tulsa, tornado occurred along OK/KS border.							
Montgomery County									
3 SE Coffeyville	19	1742CST	1	110	0	0			Tornado (F0)
		Brief event in the country.							
Neosho County									
Chanute	19	1744CST			0	0			Hail (1.75)
Neosho County									
Chanute	19	1752CST			0	0			Hail (1.75)
Neosho County									
Chanute	19	1752CST			0	0			Thunderstorm Wind (G61)
Allen County									
Iola	19	1806CST			0	0			Thunderstorm Wind (G61)
		Limbs downed.							
Labette County									
2 SW Altamont	19	1809CST			0	0			Hail (1.00)
Labette County									
5 NW Edna	19	1847CST			0	0			Hail (1.75)
Labette County									
Altamont	19	1850CST			0	0			Hail (1.00)
Labette County									
2 E Altamont	19	1852CST			0	0			Hail (4.50)
		Damage?							

Storm Data and Unusual Weather Phenomena

April 2003

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

KANSAS, Southeast

Labette County

5 N Edna	19	1900CST	0.5	110	0	0			Tornado (F0)
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Reported by Parsons Sun.

Labette County

2 N Labette	19	1902CST			0	0			Hail (2.00)
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Montgomery County

5 N Coffeyville	19	1935CST			0	0			Hail (0.88)
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Relayed by WFO SGF.

Montgomery County

2 NW Tyro	19	1942CST			0	0			Hail (1.00)
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Montgomery County

2 NW Tyro to 2 NE Tyro	19	1942CST			0	0			Thunderstorm Wind (G61)
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Labette County

1 E Edna	19	2130CST			0	0			Hail (0.88)
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Labette County

Bartlett	19	2141CST			0	0			Hail (0.88)
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Sedgwick County

Wichita	24	0214CST			0	0			Hail (0.88)
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Sedgwick County

Wichita	24	0225CST			0	0			Hail (0.75)
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Sumner County

6 NE Caldwell	24	0237CST			0	0			Hail (0.75)
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Sumner County

Corbin	24	0240CST			0	0			Hail (0.75)
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Chase County

2 SW Elmdale	24	1335CST			0	0			Hail (1.75)
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Chase County

4 SW Elmdale	24	1340CST			0	0			Hail (0.75)
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Chase County

1 S Elmdale	24	1342CST			0	0			Hail (1.25)
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Chase County

Neva	24	1350CST			0	0			Hail (1.75)
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Chase County

5 W Cottonwood Falls	24	1357CST			0	0			Thunderstorm Wind (G61)
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Chase County

3 E Elmdale	24	1411CST			0	0			Hail (1.75)
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Chase County

2 E Cottonwood Falls	24	1421CST			0	0			Hail (0.88)
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Marion County

5 NW Peabody	24	1435CST			0	0			Hail (0.75)
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Chase County

2 N Ellinor	24	1450CST			0	0			Hail (0.88)
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Chase County

5 E Cottonwood Falls	24	1455CST			0	0			Hail (1.75)
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Wilson County

5 SW Fredonia to 4.5 SW Fredonia	28	1640CST	0.5	75	0	0			Tornado (F0)
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Brief touchdown in open country.

Greenwood County

3 W Severy	28	1645CST			0	0			Hail (1.25)
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Labette County

4 E Altamont	28	1657CST			0	0			Hail (0.75)
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Wilson County

2 N Neodesha	28	1740CST			0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

April 2003

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>									
Labette County									
Parsons	28	1749CST			0	0			Hail (1.75)
Neosho County									
St Paul	28	1800CST			0	0			Hail (1.00)
Montgomery County									
Coffeyville	28	1825CST			0	0	1K		Lightning
Church steeple struck. Damage confined to top 4 feet of steeple.									
Labette County									
4 E Parsons	28	1847CST			0	0			Hail (1.75)
Chautauqua County									
Chautauqua	28	1900CST			0	0			Hail (1.75)
Cowley County									
3 SW Cambridge	30	0130CST			0	0			Hail (0.88)
Butler County									
Augusta	30	1835CST			0	0			Hail (0.75)
Butler County									
Augusta	30	1841CST			0	0			Hail (0.75)
Sumner County									
Mulvane	30	1903CST			0	0			Hail (1.00)
Radio Station KFDL									
Sumner County									
3 W Mulvane	30	1905CST			0	0			Hail (1.00)
Radio station KFDL									
Sumner County									
8 N Wellington	30	1907CST			0	0			Hail (1.00)
Sedgwick County									
5 S Derby	30	1913CST			0	0			Hail (1.75)
Sumner County									
3 W Belle Plaine	30	1915CST			0	0			Hail (0.88)
Sumner County									
Mulvane	30	1915CST			0	0			Hail (1.25)
Cowley County									
2 W Udall	30	1932CST			0	0			Hail (0.88)
Butler County									
6 S Rose Hill	30	1940CST			0	0			Hail (1.00)
Sedgwick County									
Wichita	30	1950CST			0	0			Hail (0.75)
Cowley County									
7 S Udall	30	1955CST			0	0			Hail (1.00)
Cowley County									
6 N Winfield	30	2000CST			0	0			Hail (0.88)
Cowley County									
2 N Winfield	30	2021CST			0	0			Thunderstorm Wind (G60)
Cowley County									
6 N Winfield	30	2025CST			0	0			Hail (1.00)
Cowley County									
2 N Winfield	30	2030CST			0	0			Thunderstorm Wind (G61)
Sumner County									
6 NE Caldwell	30	2030CST			0	0			Hail (1.00)
Cowley County									
2 W Winfield	30	2035CST			0	0			Hail (1.25)
Cowley County									
3 NW Winfield	30	2040CST			0	0			Hail (1.00)
Allen County									
5 N Iola	30	2055CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Allen County									
2 E Iola	30	2058CST			0	0			Hail (1.00)
Allen County									
2 E Iola	30	2103CST			0	0			Hail (1.75)
Allen County									
Iola	30	2109CST			0	0			Hail (1.00)
Cowley County									
Burden	30	2110CST			0	0			Hail (0.75)
Allen County									
2 S Gas	30	2115CST			0	0			Hail (1.00)
Allen County									
1 E Iola	30	2117CST			0	0			Hail (1.00)
Cowley County									
3 E Cambridge to 5 E Cambridge	30	2117CST	2	110	0	0			Tornado (F0)
									Remained in the country.
Sumner County									
6 NE Caldwell	30	2130CST			0	0			Hail (1.00)
Allen County									
Iola	30	2135CST			0	0			Hail (1.50)
Chautauqua County									
6 N Cedar Vale to 7 N Cedar Vale	30	2137CST	1	110	0	0			Tornado (F0)
									Remained in the country.
Allen County									
4 E Humboldt	30	2155CST			0	0			Hail (0.75)
Chautauqua County									
8 NW Sedan	30	2158CST	0.5	55	0	0			Tornado (F0)
									Brief event in the country.
Chautauqua County									
Sedan	30	2215CST			0	0			Hail (1.00)
Butler County									
3 SE Potwin	30	2218CST			0	0			Hail (0.75)
Butler County									
8 N El Dorado	30	2240CST			0	0			Hail (0.75)
Butler County									
Cassoday	30	2302CST			0	0			Hail (0.75)
Butler County									
Cassoday	30	2305CST			0	0			Hail (1.00)
Montgomery County									
Caney	30	2305CST			0	0			Hail (0.75)
Marion County									
Lehigh	30	2319CST			0	0			Hail (0.75)
Kingman County									
Kingman	30	2320CST			0	0			Hail (0.88)
Marion County									
Durham	30	2330CST			0	0			Hail (1.00)
Reno County									
Hutchinson	30	2339CST			0	0			Hail (0.88)
Marion County									
Tampa	30	2340CST			0	0			Hail (0.75)
Reno County									
Hutchinson	30	2342CST			0	0			Hail (1.00)
Marion County									
Ramona	30	2355CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Sumner County									
1 SE Conway Spgs	30	2357CST			0	0			Hail (1.00)
Butler County									
7 N El Dorado	30	2029CST			0	0			Hail (0.88)
Butler County									
Whitewater	30	2122CST			0	0			Hail (1.00)
<u>KANSAS, Southwest</u>									
Finney County									
25 NE Garden City	15	1525CST			0	0			Hail (0.75)
Morton County									
Rolla	15	1534CST			0	0			Thunderstorm Wind (G56)
			The high wind gust was measured at a weatherlab.						
Lane County									
3 W Dighton	15	1555CST			0	0			Hail (2.00)
Lane County									
2 S Amy	15	1600CST			0	0			Hail (2.00)
Lane County									
4 NW Dighton	15	1603CST			0	0			Hail (0.88)
Lane County									
3 W Dighton	15	1604CST			0	0			Hail (1.00)
Grant County									
Ulysses	15	1605CST			0	0			Thunderstorm Wind (G52)
Kearny County									
5 S Lakin	15	1605CST			0	0			Hail (0.75)
Lane County									
7 W Dighton	15	1610CST			0	0			Hail (2.00)
Kearny County									
10 S Lakin	15	1615CST			0	0			Thunderstorm Wind (G52)
Lane County									
5 NW Dighton	15	1615CST			0	0			Hail (1.75)
Stevens County									
18 SE Hugoton	15	1615CST			0	0			Thunderstorm Wind (G52)
Lane County									
Shields	15	1617CST			0	0			Hail (1.75)
Seward County									
3 S Liberal	15	1622CST			0	0			Hail (0.75)
Seward County									
4 N Liberal	15	1622CST			0	0			Thunderstorm Wind (G52)
Grant County									
11 ESE Ulysses	15	1625CST			0	0			Thunderstorm Wind (G61)
Lane County									
Shields	15	1625CST			0	0			Hail (2.00)
Finney County									
Holcomb	15	1630CST			0	0			Hail (0.88)
Haskell County									
15 N Sublette	15	1630CST			0	0			Thunderstorm Wind (G52)
Finney County									
Garden City	15	1635CST			0	0			Hail (1.00)
Finney County									
Garden City	15	1637CST			0	0			Hail (0.88)
Finney County									
Garden City	15	1638CST			0	0			Hail (1.00)
Finney County									
Garden City	15	1644CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

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, Southwest</u>									
Seward County									
12 S Kismet	15	1645CST			0	0			Thunderstorm Wind (G61)
Finney County									
10 N Garden City	15	1650CST			0	0			Hail (1.00)
Scott County									
11 SE Shallow Water	15	1705CST			0	0			Hail (0.75)
			The hail completely covered the ground.						
Gray County									
Ingalls	15	1713CST			0	0			Thunderstorm Wind (G58)
			Measured at a weatherlab						
Gray County									
Cimarron	15	1717CST			0	0			Thunderstorm Wind (G54)
			The high wind was measured at a weatherlab.						
Meade County									
16 SSW Meade	15	1730CST			0	0			Thunderstorm Wind (G52)
KSZ075 Grant									
	15	1738CST			0	0			High Wind (G53)
			The wake-low generated wind was recorded on weatherlab equipment.						
Clark County									
12 W Ashland	15	1750CST			0	0			Thunderstorm Wind (G52)
Ness County									
16 SW Ness City	15	1805CST			0	0			Thunderstorm Wind (G52)
Clark County									
Clark State Lake	15	1825CST			0	0			Thunderstorm Wind (G61)
KSZ044>045-061-061-063-063-063-063-074>075-078-078-078-078-084-086-089>090-090									
	16	0228CST 1522CST			0	0	11.0K		High Wind (G61)
			High wind of 50 to 70 mph was widespread and caused some minor damage to roofs and billboards across the area.						
Barber County									
18 SW Medicine Lodge	19	0203CST			0	0			Hail (0.75)
Ford County									
6 W Bloom	19	1350CST			0	0			Hail (1.75)
Clark County									
3 S Minneola	19	1355CST			0	0			Hail (1.00)
Clark County									
Minneola	19	1356CST			0	0			Hail (1.00)
Clark County									
Minneola	19	1359CST			0	0			Hail (1.75)
Clark County									
2 S Minneola	19	1400CST			0	0			Hail (1.50)
			Several windows were broken.						
Comanche County									
7 NW Coldwater	19	1400CST			0	0			Hail (0.75)
Comanche County									
4 NW Coldwater	19	1401CST			0	0			Hail (0.75)
Clark County									
Minneola	19	1404CST			0	0			Hail (1.00)
			The hail covered the ground.						
Kiowa County									
16 SSW Greensburg	19	1416CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Ford County									
Ford	19	1445CST			0	0			Hail (0.75)
The hail piled into 3 inch deep drifts. Several cars slid off the road.									
Barber County									
4 E Kiowa	19	1450CST			0	0			Hail (0.75)
Scott County									
7 NW Scott City	23	0400CST			0	0			Hail (1.50)
Scott County									
8 W Scott City	23	0422CST			0	0			Hail (0.75)
Clark County									
9 E Clark State Lake	23	0930CST			0	0			Hail (0.75)
Comanche County									
3 NE Protection	23	1345CST			0	0			Hail (0.75)
Kiowa County									
14 S Greensburg to 13 S Greensburg	23	1513CST 1519CST	1	100	0	0	0	0	Tornado (F0)
This weak tornado (Landspout) drifted northeast without hitting anything.									
<u>KENTUCKY, Central</u>									
Breckinridge County									
5 S Hardinsburg	04	2355EST			0	0			Thunderstorm Wind (G50)
Several trees were downed.									
Breckinridge County									
Mc Daniels	04	2355EST			0	0			Thunderstorm Wind (G50)
Several trees were downed near Highway 259.									
Jefferson County									
Louisville	04	2359EST			0	0			Thunderstorm Wind (G60)
Trees and power lines were reported down in several locations in the city.									
Hardin County									
Elizabeth Town	05	0005EST			0	0	30K		Thunderstorm Wind (G80)
A mobile home was overturned. Also, several trees were downed.									
Hardin County									
Cecilia	05	0020EST			0	0			Thunderstorm Wind (G52)
Hardin County									
Hardin Spgs	05	0023EST			0	0			Hail (0.75)
Logan County									
Lewisburg	05	0040EST			0	0			Thunderstorm Wind (G50)
A few trees were downed.									
Woodford County									
3 S Versailles	05	0155EST			0	0			Thunderstorm Wind (G50)
A few trees were downed.									
Russell County									
Creelsboro	05	0240EST			0	0			Hail (1.75)
Russell County									
Creelsboro	05	0241EST			0	0			Thunderstorm Wind (G57)
Butler County									
Morgantown	20	1650EST			0	0			Hail (0.75)
Butler County									
Morgantown	20	1700EST			0	0			Hail (0.75)
Edmonson County									
Kyrock	20	1718EST			0	0	20K	1K	Hail (1.75)
Homes and vehicles were damaged by golf ball size hail. There was also minor crop damage reported.									
Edmonson County									
Roundhill	20	1718EST			0	0			Hail (1.75)
Hart County									
Cub Run	20	1735EST			0	0			Hail (0.88)
Hail covered the ground.									

Storm Data and Unusual Weather Phenomena

April 2003

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, Central</u>									
Edmonson County									
1 E Ollie	20	1749EST			0	0			Hail (1.00)
Hart County									
Munfordville	20	1759EST			0	0			Hail (0.75)
			Hail four inches deep covered the ground.						
Hancock County									
Hawesville	20	1830EST			0	0			Thunderstorm Wind (G50)
			Trees and power lines were downed over northern parts of the county.						
Meade County									
Concordia	20	1854EST			0	0			Hail (1.50)
Hancock County									
Countywide	20	1900EST			0	0			Thunderstorm Wind (G50)
			Trees and power lines were downed.						
Breckinridge County									
Cloverport	20	1915EST			0	0			Hail (0.75)
Breckinridge County									
Cloverport	20	1922EST			0	0			Hail (0.75)
Jefferson County									
Pleasure Ridge Park	20	1930EST			0	0	75K		Thunderstorm Wind (G65)
			A tree was blown on to a house near St. Andrews Church Road. Another tree was struck by lightning and fell on to a house. A minor house fire occurred when trees were blown on to power lines. Numerous trees and power lines were downed, and up to 27000 county residents were without power.						
Jefferson County									
Shively	20	1935EST			0	0			Hail (0.75)
Jefferson County									
Shively	20	1935EST			0	0	10K		Thunderstorm Wind (G60)
			A porch was destroyed when a tree was blown on to it.						
Meade County									
Ekron	20	1947EST			0	0			Hail (1.75)
Hart County									
8 N Munfordville	25	1517EST			0	0			Hail (1.25)
Logan County									
3 N Adairville	25	1522EST			0	0			Hail (0.75)
<u>KENTUCKY, Eastern</u>									
Jackson County									
Sandgap	05	0257EST			0	0	0	0	Hail (0.75)
Pulaski County									
Somerset	05	0307EST			0	0	0	0	Hail (0.88)
			Some trees were also down.						
Wayne County									
Parnell	05	0310EST			0	0	0	0	Hail (1.75)
Wayne County									
Parnell	05	0310EST			0	0	4K	0	Thunderstorm Wind (G70)
			Several shingles were ripped from a roof. Aluminum siding was torn from a house. An above-ground pool completely collapsed.						
Pulaski County									
2 E Somerset	05	0320EST			0	0	0	0	Hail (0.88)
Laurel County									
Cornette	05	0320EST			0	0	0	0	Hail (0.75)
Bell County									
2 SW Pineville	05	0420EST			0	0	0.01K	0	Thunderstorm Wind (G40)
			Trees were down and were most likely blown down more easily due to very moist soil. The wind gust was estimated by the general public.						

Storm Data and Unusual Weather Phenomena

April 2003

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

KYZ085>087-087-111-114>115 Whitley - Knox - Bell - Lee - Owsley - Perry

09	0728EST				0	0	0	0	Flood
14	1404EST								

The Cumberland River in Williamsburg crested at 28.71 feet at 22:48 EST.

Heavy rain caused flooding on the Cumberland River and the Kentucky River from April 9 to April 14, 2003. There was no damage reported from this flooding, apparently since much worse flooding occurred recently in February of the same year, not leaving much more to destroy.

Knox County Countywide

09	0830EST				0	0	0	0	Flash Flood
	1100EST								

Numerous roads across the county were covered with water and were impassable. Some of these roads include Kentucky Highway 459 at Bull Run, Kentucky Highway 930 at T-Run, Kentucky Highway 1527 at Manchester Street, Kentucky Highway 3441 at Davis Bend, Kentucky Highway 223 near Stinking Creek, Kentucky Highway 459 at Sharps Gap, California Hollow, and Ly Fork near Big Creek.

KYZ088-115>118 Harlan - Perry - Clay - Leslie - Letcher

10	0730EST				0	0			Landslide
	0930EST								

Various rock and mudslides occurred near the communities of Dwarf, Willard, Big Creek, Bledsoe, and Thorton among others. Also, water backing up out of sewer drains and onto low water crossings was a common occurrence in each county.

Knox County

1 NW Barbourville	25	2033EST			0	0	0	0	Hail (1.00)
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Wayne County

2 E Denny	29	2051EST			0	0	0	0	Thunderstorm Wind (G60)
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Several large limbs were down.

KENTUCKY, Northeast

NONE REPORTED.

KENTUCKY, Northern

NONE REPORTED.

KENTUCKY, Southwest

Henderson County

Henderson	04	2114CST			0	0			Thunderstorm Wind (G50)
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A wind gust to 58 MPH was measured at an automated observing station at the Henderson airport. A trained spotter in the area estimated gusts to 70 MPH.

Fulton County

Hickman	04	2145CST			0	0			Hail (0.75)
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Christian County

.4 W Crofton to .2 E Crofton	20	1439CST 1441CST			0	0	15K		Thunderstorm Wind (G61)
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Christian County

.5 W Crofton to .4 W Crofton	20	1439CST	0.1	50	0	0	1K		Tornado (F1)
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Christian County

Crofton	20	1441CST			0	0			Hail (1.75)
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Muhlenberg County

Rosewood	20	1506CST			0	0			Hail (1.00)
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A supercell thunderstorm moved east across northern Christian County and extreme southern Muhlenberg County, producing a swath of large hail and a weak tornado. The only reported wind damage was in and near Crofton. A National Weather Service damage survey concluded a brief tornado downed numerous trees in a wooded area half a mile west of town. The remainder of the damage, including nearly all the property damage, was caused by straight-line winds. Numerous trees were uprooted and pushed over onto fences and other non-residence structures. Two barns were damaged, and a large plate glass window was broken in a store. The damage area ended at Old Madisonville Road on the east side of Crofton. Peak winds were estimated near 80 MPH in the tornado and 60 to 70 MPH in the straight-line wind gusts. Witnesses reported that golf-ball size hail accompanied the damaging straight-line winds at Crofton.

Union County

Morganfield	20	1600CST			0	0	2K		Hail (1.00)
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Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
KENTUCKY, Southwest									
Union County									
6 NE Morganfield	20	1605CST			0	0	10K		Thunderstorm Wind (G55)
Henderson County									
Corydon	20	1615CST			0	0	3K		Thunderstorm Wind (G50)
Daviess County									
Stanley	20	1635CST			0	0	5K		Hail (1.00)
Daviess County									
Yelvington to Maceo	20	1652CST 1658CST			0	0	3K		Hail (1.00)
<p>A severe thunderstorm developed over eastern Union County, damaging a barn northeast of Morganfield on Highway 359. The roof and walls were blown off the barn, and a tool shed was damaged. In Morganfield, a vehicle was damaged by hail. The severe thunderstorm then moved east across Henderson County, passing just south of Henderson. Trees and signs were blown down in Corydon, and a tin roof was blown off a garage. At least one tree landed on a house. The storm continued east across the northwest corner of Daviess County, producing quarter-size hail at Stanley. Wind-blown hail dented vehicles and the siding of houses. The storm passed just north of Owensboro into Indiana, then clipped the northeast corner of Daviess County as it moved east.</p>									
Calloway County									
Murray to Almo	20	1609CST 1615CST			0	0			Hail (1.75)
<p>Large hail fell throughout the city of Murray. The hailstones were the size of golf balls. The storm continued to produce golf-ball size hail as far north as Almo, before weakening.</p>									
Trigg County									
Linton	20	1650CST			0	0			Hail (0.75)
Webster County									
Sebree	20	1700CST			0	0			Thunderstorm Wind (G52)
<p>A barn was pushed off its foundation. The structure was left intact.</p>									
Daviess County									
St Joseph	20	1725CST			0	0			Hail (0.75)
Daviess County									
Owensboro to Philpot	20	1735CST 1750CST			0	0			Hail (2.00)
<p>Hail up to 2 inches in diameter was reported in Owensboro, mainly on the southwest side.</p>									
Mclean County									
Beech Grove	20	1800CST			0	0			Hail (1.00)
Daviess County									
1 S Owensboro	20	1840CST			0	0			Thunderstorm Wind (G50)
<p>A couple of trees were blown down across a road.</p>									
KYZ004									
Ballard									
	24	0700CST			0	0	1K		Strong Wind
<p>Strong easterly winds gusted to around 50 MPH, bringing down tree limbs at Barlow. Several small trees were blown down near Bandana, including a couple across roads. The winds were not directly related to thunderstorms. These localized winds occurred about an hour after the passage of showers and thunderstorms, and may have been related to a mesoscale pressure feature.</p>									
Carlisle County									
Milburn	24	2214CST			0	0			Hail (0.75)
Calloway County									
Murray	25	0839CST 0844CST			0	0			Hail (0.75)
<p>Numerous reports of dime size hail were received from the city of Murray.</p>									
Muhlenberg County									
Central City	25	1145CST			0	0			Hail (0.75)
Marshall County									
3 NE Sharpe to 4 NE Sharpe	25	1509CST 1512CST	1.5	100	0	0	30K		Tornado (F1)
<p>The tornado began along U.S. Highway 62 in the community of Possum Trot. It tracked along the north side of Highway 62, ending near the intersection of Highways 1413 and 62. Peak winds were estimated near 75 MPH. Damage was mainly to sheds and garages, which received varying degrees of damage. Mobile homes also sustained some damage. Numerous trees and limbs were down, including a few on houses. The funnel was photographed from a considerable distance.</p>									

Storm Data and Unusual Weather Phenomena

April 2003

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, Southwest</u>									
Marshall County									
Gilbertsville	25	1525CST			0	0			Hail (0.88)
			Nickel size hail fell very near Kentucky Dam.						
Livingston County									
Smithland	29	1805CST			0	0			Hail (0.75)
Livingston County									
1.5 E Smithland to Smithland	29	1839CST 1853CST			0	0			Hail (1.00)
Ballard County									
La Center	29	1849CST			0	0			Hail (0.75)
Ballard County									
Hinkleville	29	1857CST			0	0			Hail (1.00)
Mccracken County									
3 SW (Pah)Barkley Arpt	29	1913CST			0	0			Hail (0.75)
Livingston County									
Ledbetter	29	1918CST			0	0			Hail (0.75)
			Severe thunderstorms produced dime to quarter size hail at several locations from Lacerter in Ballard County to Smithland in Livingston County.						
Livingston County									
Smithland	29	1915CST 2200CST			0	0			Flash Flood
			Two to three feet of water was reported in the basements of a couple homes. A foot of water was reported at the fire station at Smithland. Six to eight inches of water was over U.S. Highway 60 just west of Smithland.						
Lyon County									
2 WSW Kuttawa	29	1923CST			0	0			Hail (1.50)
Caldwell County									
Princeton	29	2030CST			0	0	3K		Thunderstorm Wind (G55)
Christian County									
.5 N Hopkinsville	29	2042CST			0	0			Hail (0.88)
			A complex of severe thunderstorms moved east across Lyon and Caldwell Counties, then southeast through Christian County. Large hail, nearly the size of golf balls, fell at Suwane, which is near Kuttawa. A camper trailer was overturned in Princeton, and two large trees were blown down on the north side of Princeton. Nickel size hail fell on the north side of Hopkinsville.						
<u>LAKE ERIE</u>									
Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border									
Maumee Bay to Reno Beach	20	1615EST 1715EST			0	0			Marine Tstm Wind
Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border									
Reno Beach to The Islands	20	1615EST 1715EST			0	0			Marine Tstm Wind
Maumee Bay To Reno Beach Oh									
Maumee Bay to Reno Beach	20	1615EST 1715EST			0	0			Marine Tstm Wind
Reno Beach To The Islands Oh									
Reno Beach to The Islands	20	1615EST 1715EST			0	0			Marine Tstm Wind
			Strong thunderstorms moved northeast across the western end of Lake Erie and produced wind gusts estimated to be in excess of 35 knots.						

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LAKE ERIE</u>									
Avon Point To Willowick Oh									
Avon Point to Willowick	20	1730EST 1915EST			0	0			Marine Tstm Wind
Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border									
Avon Point to Willowick	20	1730EST 1915EST			0	0			Marine Tstm Wind
Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border									
The Islands to Vermilion	20	1730EST 1915EST			0	0			Marine Tstm Wind
Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border									
Vermilion to Avon Point	20	1730EST 1915EST			0	0			Marine Tstm Wind
The Islands To Vermilion Oh									
The Islands to Vermilion	20	1730EST 1915EST			0	0			Marine Tstm Wind
Vermilion To Avon Point Oh									
Vermilion to Avon Point	20	1730EST 1915EST			0	0			Marine Tstm Wind
Strong thunderstorms moved northeast across Lake Erie and produced wind gusts estimated to be in excess of 35 knots.									
Avon Point To Willowick Oh									
Avon Point to Willowick	20	1900EST 2030EST			0	0			Marine Tstm Wind
Conneaut Oh To Ripley Ny									
Ripley Ny	20	1900EST 2030EST			0	0			Marine Tstm Wind
Geneva On The Lake Oh To Conneaut Oh									
Geneva-On-The-Lake to Conneaut	20	1900EST 2030EST			0	0			Marine Tstm Wind
Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border									
Avon Point to Willowick	20	1900EST 2030EST			0	0			Marine Tstm Wind
Le Conneaut Oh To Ripley Ny Byd 5Nm Offshore To Intl Border									
Conneaut to Ripley Ny	20	1900EST 2030EST			0	0			Marine Tstm Wind
Le Geneva On The Lake To Conneaut Oh Byd 5Nm Offshore To Intl Border									
Geneva-On-The-Lake to Conneaut	20	1900EST 2030EST			0	0			Marine Tstm Wind

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>LAKE ERIE</u>									
Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border									
Willowick to Geneva-On-The-Lake	20	1900EST 2030EST			0	0			Marine Tstm Wind
Willowick To Geneva On The Lake Oh									
Willowick to Geneva-On-The-Lake	20	1900EST 2030EST			0	0			Marine Tstm Wind
Strong thunderstorms moved northeast across Lake Erie and produced wind gusts estimated to be in excess of 35 knots.									
Ripley To Dunkirk Ny									
Dunkirk	20	2110EST			0	0			Marine Tstm Wind
Dunkirk To Buffalo Ny									
Angola On The Lake	20	2140EST			0	0			Marine Tstm Wind
Buffalo Hbr And Upr Niagara R									
Buffalo Harbor	20	2153EST			0	0			Marine Tstm Wind
Thunderstorms moved across the eastern end of Lake Erie producing wind gusts measured to 36 knots. Specific measured gusts included 36 knots at Dunkirk and 35 knots at Angola on the Lake and the Buffalo Harbor.									
<u>LAKE HURON</u>									
Hbr Beach To Pt Sanilac Mi									
Richmondville to Port Sanilac	20	1525EST			0	0			Marine Hail
Lh Hbr Beach To Pt Sanilac 5Nm Offshore To Intl Border									
Richmondville to Port Sanilac	20	1525EST			0	0			Marine Hail
Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border									
Port Sanilac to Lexington	20	1525EST			0	0			Marine Hail
Pt Sanilac To Pt Huron Mi									
Port Sanilac to Lexington	20	1525EST			0	0			Marine Hail
Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border									
Port Huron	20	1630EST			0	0			Marine Tstm Wind
Pt Sanilac To Pt Huron Mi									
Port Huron	20	1630EST			0	0			Marine Tstm Wind
Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border									
Port Huron	20	1730EST			0	0			Marine Tstm Wind
Pt Sanilac To Pt Huron Mi									
Port Huron	20	1730EST			0	0			Marine Tstm Wind
Hbr Beach To Pt Sanilac Mi									
White Rock to Port Sanilac	20	1738EST			0	0			Marine Tstm Wind

Storm Data and Unusual Weather Phenomena

April 2003

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

LAKE HURON

**Lh Hbr Beach To Pt
Sanilac 5Nm Offshore
To Intl Border**

White Rock to Port Sanilac	20	1738EST			0	0			Marine Tstm Wind
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For more information on this event, please see Eastern Michigan storm data.

LAKE MICHIGAN

**Lm 5Nm W Of
Mackinac Bridge To
Manistee Mi Nwd
Beyond 5Nm Offshore
To Mid Line Of Lake**

Manistee	15	1855EST			0	0			Marine Tstm Wind
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**Sleeping Bear Pt To
Manistee Mi**

Manistee	15	1855EST			0	0			Marine Tstm Wind
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**Lm 5Nm W Of
Mackinac Bridge To
Manistee Mi Nwd
Beyond 5Nm Offshore
To Mid Line Of Lake**

Manistee	16	0700EST			0	0			Marine Tstm Wind
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**Grand Haven To
Whitehall Mi**

Muskegon Harbor	19	1750EST 1800EST			0	0	0		Marine Tstm Wind
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A strong thunderstorm crossing central Lake Michigan produced a 44 knot wind gust at the Muskegon GLERL station.

**Grand Haven To
Whitehall Mi**

Muskegon Harbor	20	0735EST 0750EST			0	0			Marine Tstm Wind
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**Holland To Grand
Haven Mi**

Holland Harbor	20	0735EST 0750EST			0	0			Marine Tstm Wind
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**Lm Holland To
Whitehall Mi 5Nm
Offshore To Mid Line
Of Lake**

Muskegon Harbor	20	0735EST 0750EST			0	0			Marine Tstm Wind
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**Lm New Buffalo To
Holland Mi 5Nm
Offshore To Mid Line
Of Lake**

Saugatuck Harbor	20	0735EST 0750EST			0	0			Marine Tstm Wind
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**South Haven To
Holland Mi**

Holland Harbor	20	0735EST 0750EST			0	0			Marine Tstm Wind
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A line of strong thunderstorms crossing central and south central Lake Michigan produced a measured wind gust to 37 knots at the airport in Muskegon, a gust to 44 knots at the Muskegon GLERL coastal station, and a gust to 38 knots at the Tulip City airport in Holland.

Storm Data and Unusual Weather Phenomena

April 2003

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

LAKE MICHIGAN

Wilmette Hbr To Meigs

Field II

Harrison-Dever Crib	30	1410CST			0	0			Marine Tstm Wind
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Wilmette Hbr To Meigs

Field II

Harrison-Dever Crib	30	2300CST			0	0			Marine Tstm Wind
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LAKE ST CLAIR

Lake St Clair (U.S. Portion)

New Baltimore	20	1445EST			0	0			Marine Tstm Wind
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St Clair River

City Of St. Clair	20	1633EST			0	0			Marine Tstm Wind
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Detroit River

Grosse Ile	20	1655EST			0	0			Marine Tstm Wind
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Lake St Clair (U.S. Portion)

New Baltimore	20	1705EST			0	0			Marine Tstm Wind
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St Clair River

Algonac	20	1705EST			0	0			Marine Tstm Wind
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Lake St Clair (U.S. Portion)

Metropolitan Beach	20	1710EST			0	0			Marine Tstm Wind
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St Clair River

Marysville	20	1730EST			0	0			Marine Tstm Wind
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Please see Eastern Michigan for more information on this event.

LOUISIANA, Northeast

Madison Parish

Tallulah	06	0840CST			0	0	8K		Hail (1.00)
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Morehouse Parish

Oak Ridge	06	0855CST			0	0	15K		Thunderstorm Wind (G55)
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Several powerlines were blown down.

West Carroll Parish

Epps	06	0915CST			0	0	5K		Hail (1.00)
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Richland Parish

8 S Rayville	06	0930CST			0	0	20K		Hail (1.75)
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Richland Parish

Alto	06	1000CST			0	0	15K		Thunderstorm Wind (G55)
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Several powerlines were blown down.

Richland Parish

Countywide	06	1030CST			0	0	10K		Thunderstorm Wind (G55)
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A few trees were blown down across the Parish.

Franklin Parish

4 NE Baskin	06	1040CST			0	0	5K		Hail (1.00)
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Franklin Parish

10 NE Baskin to 11 NE Baskin	06	1044CST 1045CST	0.8	50	0	0	25K		Tornado (F0)
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This tornado snapped several trees, blew the roof off a tin shed and threw the tin 1/2 mile into an open field.

Richland Parish

Delhi	06	1045CST			0	0	20K		Thunderstorm Wind (G60)
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Several powerlines and a couple of power poles were blown down.

Madison Parish

Tallulah	06	1220CST			0	0	20K		Hail (1.75)
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Madison Parish

Tallulah	06	1230CST			0	0	10K		Thunderstorm Wind (G60)
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A few trees were blown down.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LOUISIANA, Northeast</u>									
Morehouse Parish									
Bastrop	06	1515CST			0	0	20K		Thunderstorm Wind (G60)
	A few trees down in Bastrop, as well as trees down across the Parish.								
West Carroll Parish									
5 N Epps	06	1600CST			0	0	5K		Hail (1.00)
Richland Parish									
3 NE Rayville	06	1610CST			0	0	5K		Hail (1.00)
West Carroll Parish									
Oak Grove	06 07	1620CST 0150CST			0	0	100K		Flash Flood
	Several rounds of thunderstorms dumped 5 to 7 inches of rain across West Carroll Parish. This heavy rain caused several roads around Oak Grove and to the south to be covered with water. One house was flooded.								
Morehouse Parish									
Mer Rouge	06 07	1630CST 0150CST			0	0	50K		Flash Flood
	Several rounds of thunderstorms dumped 5 to 7 inches of rain across portions of Morehouse Parish. This heavy rain caused route 165 in town to be covered by 1 to 2 feet of water.								
East Carroll Parish									
Lake Providence	06 07	1635CST 0150CST			0	0	500K		Flash Flood
	Several rounds of thunderstorms dumped 5 to 7 inches of rain across portions of East Carroll Parish. This heavy rain caused numerous roads to be flooded. In addition to flooded roads, several homes were flooded.								
Richland Parish									
Countywide	06	1700CST			0	0	10K		Thunderstorm Wind (G55)
	A few trees were blown down across the Parish.								
Concordia Parish									
Ferriday	24	0900CST			0	0	1K		Hail (0.75)
Concordia Parish									
Wildsville	24	0900CST			0	0	5K		Thunderstorm Wind (G50)
	A few trees and large limbs were blown down.								
Morehouse Parish									
Bastrop	24	1500CST			0	0	1K		Hail (0.75)
West Carroll Parish									
5 NW Epps to Floyd	24	1515CST 1533CST	11	75	0	3	400K		Tornado (F2)
	This tornado touch down in a field just to the W of Duckworth road. This tornado continued 11 miles to the NE and dissipated in Floyd. Along its path a mobile home was totally destroyed on Hunt road. On highway 17, a house was destroyed because several trees fell through the house. Two mobile homes had minor damage along highway 17. In Floyd, 2 homes had their roofs blown off. In addition to the structural damage, hundreds of trees were blown down or snapped.								
East Carroll Parish									
5 S Lake Providence	24	1655CST			0	0			Funnel Cloud
West Carroll Parish									
Kilbourne	24	2220CST			0	0	1K		Hail (1.00)
<u>LOUISIANA, Northwest</u>									
La Salle Parish									
Jena	02	2005CST			0	0			Lightning
	Lightning struck a large oak tree in front of the home of Jesse Ewing in the Manifest Community, completely shredding the tree into splinters. The force of the discharge of electricity from the lightning strike, threw pieces of the tree as far as 200 yards away. Some in the area said it appeared two lightning bolts came together at the tree. The owner of one home in the area said every light bulb in his house was blown out by the fierce lightning strike. Lavon Smith, an employee of Concordia Electric Cooperative, said he had responded to many lightning strikes where power lines were knocked down, and this is the worse damage by lightning he has ever witnessed.								
Sabine Parish									
11 SE Zwolle to 7.3 SE Zwolle	04	1608CST 1619CST	3.7	75	0	0			Tornado (F1)
	A high precipitation supercell thunderstorm with a weak tornado moved northeastward across the Toledo Bend Reservoir from Sabine County, TX into a deeply wooded region on the eastern shores of the reservoir just north of the North Toledo Bend State Park. This tornado was mostly confined over the reservoir and penetrated the shoreline into a heavily wooded region on the eastern shores where the tornado rapidly dissipated.								

Storm Data and Unusual Weather Phenomena

April 2003

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

LOUISIANA, Northwest

Bienville Parish

Saline	06	0630CST			0	0			Hail (1.00)
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Claiborne Parish

Haynesville	06	0655CST			0	0			Hail (1.00)
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Jackson Parish

Chatham	06	0655CST			0	0			Hail (1.00)
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Jackson Parish

Eros	06	0700CST			0	0			Hail (1.00)
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Union Parish

Farmerville	06	0730CST			0	0			Hail (0.75)
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Ouachita Parish

Monroe	06	0735CST			0	0			Hail (0.75)
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Ouachita Parish

Swartz	06	0755CST			0	0			Hail (0.75)
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Ouachita Parish

Monroe	06	0940CST			0	0			Hail (0.88)
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This occurred in Richwood, a suburb on the southern edge of Monroe.

Bienville Parish

12 W Bryceland	06	1445CST			0	0			Hail (0.75)
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Jackson Parish

1.5 W Clay to 4 E Clay	06	1516CST 1525CST	5.5	50	0	0	45K		Tornado (F0)
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A strong thunderstorm moved from west to east across northern Jackson Parish, LA producing a weak tornado with minimal damage. Trees were down to the west of Clay and in the vicinity of Clay, while some farm and ranch outbuildings were damaged to the east of Clay.

Ouachita Parish

Monroe	06	1618CST			0	0			Hail (0.88)
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Sabine Parish

3 NE Many	06	1645CST			0	0			Hail (0.88)
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Red River Parish

3 NE Hall Summit	20	1435CST			0	0			Hail (1.00)
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Bienville Parish

Castor	20	1445CST			0	0			Hail (2.75)
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Red River Parish

7 W Hall Summit	20	1610CST			0	0			Hail (1.75)
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This hail fell in the community of Crossroads.

Bienville Parish

3 S Castor	20	1630CST			0	0			Hail (1.75)
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Bienville Parish

5 NE Castor	20	1635CST			0	0			Hail (1.75)
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Lincoln Parish

Ruston	20	1730CST			0	0			Hail (0.75)
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De Soto Parish

10 SW Mansfield	20	1803CST			0	0			Hail (2.75)
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Baseball sized hail fell along Highway 481 near the community of Lula.

Bienville Parish

6 SW Lucky	20	1915CST			0	0			Hail (1.00)
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Caddo Parish

Blanchard	23	1848CST			0	0			Hail (0.75)
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Sabine Parish

Florien	24	0620CST			0	0			Hail (0.75)
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Grant Parish

Pollock	24	0735CST			0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LOUISIANA, Northwest</u>									
Red River Parish									
6 S Coushatta	24	1150CST			0	0			Hail (1.00)
Lincoln Parish									
Ruston	24	1216CST			0	0			Hail (1.00)
Lincoln Parish									
5 N Ruston	24	1222CST			0	0			Hail (1.75)
Hail broke the windshield of a police vehicle that was parked on the side of the highway.									
Union Parish									
3 SW Farmerville	24	1237CST			0	0			Hail (1.75)
Union Parish									
Farmerville	24	1238CST			0	0			Hail (1.00)
Union Parish									
Farmerville	24	1245CST			0	0			Hail (1.50)
Lincoln Parish									
Ruston	24	1300CST			0	0			Hail (1.75)
Jackson Parish									
Chatham	24	1305CST			0	0			Hail (0.88)
Union Parish									
Rocky Branch	24	1400CST			0	0			Hail (1.00)
Ouachita Parish									
Monroe	24	1410CST			0	0			Hail (0.88)
<u>LOUISIANA, Southeast</u>									
St. Tammany Parish									
Slidell Arpt	05	1334CST			0	0			Hail (0.88)
East Baton Rouge Parish									
Baton Rouge	07	1145CST			0	0			Hail (0.88)
Livingston Parish									
Denham Spgs	07	1155CST 1204CST			0	0			Hail (1.75)
Hail was reported by the public and law enforcement in Denham Springs.									
East Baton Rouge Parish									
Baton Rouge	07	1215CST			0	0	15K		Thunderstorm Wind (G50)
Thunderstorm winds blew a portion of roof off of a building.									
Livingston Parish									
3 NW Springfield	07	1220CST			0	0			Thunderstorm Wind (G50)
Two trees were blown down on Louisiana Highway 42.									
Assumption Parish									
Belle Rose	07	1227CST	0.5	35	0	0	25K		Tornado (F1)
A weak tornado touched down near Belle Rose with trees and power poles knocked down on Louisiana Highway.									
Ascension Parish									
Donaldsonville	07	1230CST 1240CST			0	0	50K		Hail (2.50)
Ascension Parish									
Donaldsonville	07	1233CST	1	40	0	0	50K		Tornado (F1)
A weak tornado moved across the south portion of Donaldsonville. A large number of trees and large tree limbs were blown down, some landing on cars and houses. The roof of a large factory building was blown off. Windows were blown out of several schools due to a combination of wind and hail.									
A large severe thunderstorm moved across the extreme northeast portion of Assumption Parish into southern Ascension Parish producing several tornadoes and large hail.									
Iberville Parish									
White Castle	07	1230CST			0	0			Hail (0.88)
Tangipahoa Parish									
Hammond	07	1239CST			0	0	28K		Thunderstorm Wind (G61)
Several trees and power lines were blown down by thunderstorm winds. One tree fell through a house.									

Storm Data and Unusual Weather Phenomena

April 2003

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>									
St. James Parish									
Salsburg	07	1245CST			0	0			Hail (0.88)
									Nickel size hail was reported near the base of the Sunshine Bridge.
Tangipahoa Parish									
Ponchatoula	07	1250CST			0	0	20K		Thunderstorm Wind (G61)
									Trees and power lines were knocked down by thunderstorm winds. A few houses were damaged by falling trees. The thunderstorm winds also damaged the roof of Ponchatoula City Hall.
Tangipahoa Parish									
South Portion	07	1300CST 1700CST			0	0			Flash Flood
									Three to four inches of rain fell in a short period of time causing flooding in areas of poor drainage. Several buildings and houses were flooded. A 12 year old boy drowned while playing or trying to cross a flooded creek.
St. Tammany Parish									
Countywide	07	1305CST 2000CST			0	0	25K		Thunderstorm Wind (G52)
									Trees and power lines were blown down in several locations around the parish as a severe thunderstorm moved through the parish.
St. Tammany Parish									
Slidell Arpt	07	1349CST			0	0			Thunderstorm Wind (G52)
Lafourche Parish									
Thibodaux	07	1509CST			0	0			Hail (1.25)
Lafourche Parish									
Thibodaux	07	1510CST			0	0	10K		Thunderstorm Wind (G50)
									A severe thunderstorm produced quarter size hail and wind gusts that downed several trees.
St. Charles Parish									
Destrehan	07	1530CST 1545CST			0	0	15K		Hail (0.01)
									Hail up to the size of quarters was reported.
Tangipahoa Parish									
Hammond	08	0845CST			0	1			Lightning
									A man received minor injuries when he was struck by lightning.
Washington Parish									
7 SW Franklinton	24	1450CST			0	0			Hail (0.75)
Washington Parish									
8 W Bogalusa to 3 SE Varnado	24	1500CST 1525CST	14	30	0	0	50K		Tornado (F1)
									A weak tornado moved northeast along an intermittent path across eastern Washington Parish from near Enon to the Louisiana and Mississippi border southeast of Varnado. Most of the damage was to trees. On Dummyline Road, northeast of Enon, several homes sustained roof damage.
Washington Parish									
7 NW Bogalusa	24	1510CST			0	0	1.5K		Thunderstorm Wind (G50)
									Several trees were blown down along Highway 439.
Washington Parish									
Varnado	24	1515CST			0	0			Hail (1.75)
Washington Parish									
Franklinton	25	1755CST			0	0			Hail (1.00)
Washington Parish									
Bogalusa	25	1820CST			0	0			Hail (0.75)
<u>LOUISIANA, Southwest</u>									
Cameron Parish									
Holly Beach	07	0900CST			0	0			Hail (0.75)
Vermilion Parish									
Abbeville	07	1010CST			0	0			Hail (0.88)
Vermilion Parish									
Forked Is	07	1015CST			0	0			Hail (2.75)
Vermilion Parish									
Cow Is	07	1025CST			0	0			Hail (4.25)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LOUISIANA, Southwest</u>									
Vermilion Parish									
3 E Kaplan	07	1030CST			0	0			Hail (1.75)
Vermilion Parish									
Abbeville	07	1035CST			0	0			Hail (1.75)
Vermilion Parish									
10 S Abbeville	07	1040CST			0	0			Hail (1.75)
Vermilion Parish									
Henry	07	1047CST			0	0			Hail (1.75)
									Car windows broken.
Iberia Parish									
Avery Is	07	1113CST			0	0			Hail (1.75)
Iberia Parish									
New Iberia	07	1120CST			0	0			Hail (1.00)
Iberia Parish									
5 S Loreauville	07	1125CST			0	0			Hail (4.25)
Cameron Parish									
Grand Chenier	07	1159CST			0	0			Hail (1.75)
Vermilion Parish									
Pecan Is	07	1159CST			0	0			Hail (1.75)
Cameron Parish									
Johnson Bayou	07	1205CST			0	0			Hail (1.75)
Cameron Parish									
Holly Beach	07	1228CST			0	0			Hail (1.25)
Cameron Parish									
Cameron	07	1238CST			0	0			Hail (1.75)
Cameron Parish									
Creole	07	1250CST			0	0			Hail (1.00)
Vermilion Parish									
Intracoastal City	07	1251CST			0	0			Hail (1.75)
Iberia Parish									
Weeks	07	1320CST			0	0			Hail (0.88)
St. Mary Parish									
Louisa	07	1321CST			0	0			Hail (0.75)
Cameron Parish									
Creole	07	1330CST			0	0			Hail (0.75)
Iberia Parish									
Jeanerette	07	1332CST			0	0			Hail (1.75)
Vermilion Parish									
Gueydan	07	1340CST			0	0			Hail (0.75)
St. Mary Parish									
3 E Centerville	07	1410CST			0	0			Hail (1.75)
Cameron Parish									
Johnson Bayou	07	1410CST			0	0			Hail (0.75)
Vermilion Parish									
Abbeville	07	1420CST			0	0			Hail (1.75)
									Public reported car windows broken from golfball size hail.
St. Martin Parish									
Atchafalaya	07	1420CST			0	0			Hail (0.75)
Lafayette Parish									
Youngsville	07	1423CST			0	0			Hail (0.75)
Cameron Parish									
1 E Holly Beach	07	1425CST			0	0			Hail (0.75)
St. Martin Parish									
Cade	07	1430CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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

Cameron Parish

Creole	07	1440CST			0	0			Hail (0.88)
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Lafayette Parish

Broussard	07	1440CST			0	0	5K		Thunderstorm Wind (G50)
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The roof to a business was damaged during high winds.

Iberia Parish

Jeanerette	07	1525CST			0	0			Hail (0.88)
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St. Mary Parish

2 N Baldwin	07	1533CST			0	0			Hail (0.75)
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Iberia Parish

New Iberia	07	1615CST			0	0			Hail (1.50)
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St. Mary Parish

Morgan City	08	0000CST			0	0			Hail (1.75)
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Iberia Parish

New Iberia	08	0100CST			0	0			Hail (1.75)
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St. Mary Parish

Franklin	08	0547CST			0	0			Hail (1.75)
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Vermilion Parish

6 S Forked Is	24	1718CST			0	0			Hail (0.75)
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MAINE, North

MEZ002

Northeast Aroostook

19		1900EST 2100EST			0	0			Flood
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An ice jam on the Aroostook river near the village of Crouseville...just southeast of the town of Washburn...caused an increase in river levels. The flood stage at Washburn is 14 feet and the river level briefly crested at just over 14 feet...before rapidly falling back below flood stage. Minor flooding of a boat launch was observed at Washburn. Ice was forced onto a dirt road bordering the river near the town of Wade. In the village of Crouseville...river ice damaged a pasture fence bordering the river and water inundated one residential backyard.

MAINE, South

NOT RECEIVED.

MARYLAND, Central

MDZ002

Allegany

07		0300EST 1300EST			0	0			Winter Weather/Mix
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Low pressure pushing east through the Mid Atlantic region on the 7th brought wintery precipitation to Allegany County. With temperatures hovering around freezing in the mountains, minor accumulations of snow, sleet, and freezing rain were reported. A spotter at 2500 feet about 1 mile west of Frostburg reported an accumulation of ice up to 1/4 inch thick on wires in addition to 3/4 of an inch of snow and sleet accumulation. Just east of Frostburg, 1 1/4 inch of sleet accumulated along with a trace of ice on trees. Warm ground temperatures prevented accumulations at lower elevations.

MDZ002

Allegany

09		0200EST 1200EST			0	0			Winter Weather/Mix
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Low pressure pushed northeast through the Mid Atlantic region on the 9th and brought a mixed bag of precipitation to Allegany County. A mix of rain, sleet, and snow fell below 2500 feet. A trace to one half inch of snow and sleet accumulated in some locations. Above 2500 feet, freezing rain, sleet, and snow was reported. The ice accumulated up to one half inch on trees and power lines near Frostburg. Slick roads led to a handful of accidents, especially at higher elevations.

MARYLAND, Northeast

NOT RECEIVED.

Storm Data and Unusual Weather Phenomena

April 2003

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

MARYLAND, South

MDZ024>025

Inland Worcester - Maryland Beaches

10	0500EST				0	0	7K		Strong Wind
11	0100EST								

A spring nor'easter produced wind gusts near 35 knots (40 mph) across portions of the Lower Maryland Eastern Shore, from early Thursday morning into Thursday night. These strong winds downed some trees and utility poles, resulting in power outages. The winds also produced minor structural damage.

MARYLAND, West

MDZ001

Garrett

07	0200EST				0	0	100K		Ice Storm
08	0700EST								

Snow and sleet began late on the 6th, turning to freezing rain by midnight on the morning of the 7th. The resulting ice glaze was one quarter to one half inch thick. Fallen trees and tree limbs caused at least \$100,000 in damage to hiking trails in Savage River State Forest and along Big Savage Trail.

MASSACHUSETTS, Central and East

Barnstable County

Barnstable to Wellfleet	11	1000EST			0	0		Heavy Rain
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Bristol County

Taunton to New Bedford	11	1000EST			0	0		Heavy Rain
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Norfolk County

Dedham to Quincy	11	1000EST			0	0		Heavy Rain
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Plymouth County

West Bridgewater to Plymouth	11	1000EST			0	0		Heavy Rain
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A slow moving low pressure system passing south of New England dumped 1 to 3 inches of rain over much of southeast Massachusetts. There were no reports of flooding, aside from the usual minor urban and poor drainage flooding.

Some specific rainfall totals included 3.25 inches in West Bridgewater and Marshfield; 2.85 inches in East Sandwich; 2.63 inches in Acushnet; 2.61 inches in Quincy; 2.40 inches in Chatham and New Bedford; 2.39 inches at the Blue Hill Observatory in Milton; 2.23 inches at the National Weather Service office in Taunton; and 2.06 inches in Dedham.

MAZ014

Southeast Middlesex

16	1400EST				0	0	50K		Strong Wind
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A strong backdoor cold front dropping south through New England brought gusty winds to the greater Boston area, which caused damage to a furniture store. Wind speeds estimated around 50 mph blew out several windows and damaged one of the walls of the building. No injuries were reported.

The cold front brought a rapid drop in temperature to eastern Massachusetts. After reaching a record high of 83 degrees shortly after noon, the temperature plummeted to 63 degrees within 30 minutes of the front's passage.

MASSACHUSETTS, West

MAZ001-025

Northern Berkshire - Southern Berkshire

04	0700EST				0	0		Winter Storm
05	1200EST							

A large arctic high pressure system became established over the James Bay region of Canada early on Thursday, April 3. The leading edge of this unseasonably chilly air mass worked southward across New York State and adjacent New England, stalling just to the south of the region by late on the 3rd. A series of low pressure systems propagated along the strong stationary boundary and were able to produce copious amounts of moisture. In Berkshire County, the cold air was much more shallow, which allowed for mostly freezing rain. Precipitation during the day Friday was mainly freezing drizzle, but another storm brought more significant precipitation to the region again by Friday night into Saturday. This time, the precipitation fell mostly as sleet. By the time the storm was done, up to a couple inches of sleet had fallen with up to half an inch of ice accretion. No unusual problems were reported to the National Weather Service as a result of this exceptionally late ice storm in Berkshire County.

Storm Data and Unusual Weather Phenomena

April 2003

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

MIZ047>049-053>055-060>063-068>070 Midland - Bay - Huron - Saginaw - Tuscola - Sanilac - Shiawassee - Genesee - Lapeer - St. Clair - Livingston - Oakland - Macomb

03	2200EST				1	2	161.1M		Ice Storm
05	0400EST								



A tree entangled in a power line falls onto a street in Romeo. Photo by Larry Sobczak, courtesy of the Romeo Observer.

An arctic frontal boundary moved south of the state by the morning of April 3, 2003. This front dropped temperatures to the freezing mark generally along and north of a Brighton to St Clair Shores line. Then, a series of low pressure systems moved across the front. This allowed very warm and moist air to lift north overtop of the sub-freezing temperatures near the ground. The first wave of precipitation moved across eastern Michigan late in the evening on April 3rd and continued through the morning of April 4th. Thunderstorms brought heavy freezing rain to the area during this time period. Spotter reports indicated up to 3 inches of freezing rain occurred in some places. Sleet was also reported across much of the Saginaw Valley. By the afternoon of April 4th, ice accumulations of one quarter to three quarters of an inch were reported across the area. The Saginaw Valley even had one to two inches of sleet accumulations in addition to the ice. After a break in the precipitation during the afternoon of the 4th, a second round of thunderstorms brought freezing rain and sleet to the area during the evening of April 4th, finally ending early in the morning of April 5th. By the morning of the 5th, ice accumulations ranged from one half to one inch. Sleet had also accumulated up to two inches in and around Flint and the Saginaw Valley. Since the road and ground surfaces were warmed due to very warm weather the later half of March, most of the ice accumulations occurred on elevated surfaces, like trees and power lines.

The ice accumulations led to considerable tree damage and widespread power outages across the entire area. Locations hardest hit, with around an inch of ice reported on the trees, were across northern Oakland County, northern Macomb County, and throughout Lapeer, St Clair, Sanilac and Huron counties. In these areas, the tree damage was so severe that dozens of roads were blocked by trees and damage occurred to hundreds of homes, businesses and automobiles as tree limbs, or in many cases large trees themselves, were brought to the ground under the weight of the ice. It was estimated that 450,000 homes and businesses lost power during the storm. In fact nearly 50,000 people were without power for up to a week as persistent cold temperatures keep the heavy ice on the trees for 4 days after the storm. Crews came from four different states to help local utility companies restore power and remove hundreds of broken tree branches away from power lines. A 74-year old man in Troy (Oakland County) was killed when he was struck in the head by a falling tree branch (direct). Three other people died due to carbon monoxide poisoning as a result of poorly ventilated generators (indirect). Two women were injured in Orion (Oakland County) when a large tree fell onto the car they were in (direct). Five house fires were said to have started by electrical lines being brought down onto the homes. Hundreds of traffic accidents were reported during the storm as well, most of which were in the Saginaw Valley where sleet had sickened the roadways. An estimated two dozen people were injured in traffic accidents (indirect). A 59-year old Bay county man died when his car slid into a ditch filled with water (indirect). A 47-year old Deerfield Township (Lapeer County) man was also killed when he fell from a 40-foot tall bucket truck trying to trim an ice covered tree limb before it fell onto his house (indirect). Statements were made by several long-time residents that this was the worst ice storm to hit the area since the 1970s. M73OU

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MICHIGAN, East</u>									
MIZ069>070									
Oakland - Macomb									
	07	1000EST			0	0			Heavy Snow
		2000EST							
A storm system passed across the northern Ohio Valley during the day of the 7th. This produced an area of snowfall across the metro Detroit region. The heaviest snow fell across Oakland and Macomb counties, where snowfall of 5 to 7 inches was measured. The rest of the Detroit area received four inches or less. Some of the highest snowfall totals include; 6.5 inches in Royal Oak (Oakland County), 6.5 inches in Troy (Oakland County), and 6.2 inches in Richmond (Macomb County). The snowfall led to dozens of traffic accident across the metro area. This snowfall also exacerbated the cleanup efforts from an earlier ice storm in Oakland and Macomb counties.									
Oakland County									
4 E White Lake	20	1345EST			0	0			Hail (0.75)
Washtenaw County									
3 N Ypsilanti	20	1405EST			0	0			Thunderstorm Wind (G60)
Spotters reported 9 to 12 inch diameter tree limbs blown down in thunderstorm winds.									
Wayne County									
Redford	20	1415EST			0	0			Hail (0.75)
Oakland County									
Farmington	20	1423EST			0	0			Hail (0.75)
Oakland County									
Southfield	20	1430EST			0	0			Hail (0.88)
Macomb County									
Utica	20	1440EST			0	0			Hail (0.75)
Macomb County									
Armada	20	1452EST			0	0			Thunderstorm Wind (G50)
Spotters reported 6 inch diameter tree limbs blown down in thunderstorm winds.									
Sanilac County									
Lexington	20	1525EST			0	0			Hail (0.75)
St. Clair County									
Port Huron	20	1530EST			0	0			Thunderstorm Wind (G51)
A 60 MPH wind gust was measured by the Coast Guard.									
Livingston County									
2 SW Pinckney	20	1545EST			0	0			Thunderstorm Wind (G50)
Trained weather spotters reported that thunderstorm winds blew several trees down.									
Livingston County									
1 NW Pinckney	20	1550EST			0	0			Thunderstorm Wind (G50)
Law enforcement reported several trees blown down in thunderstorm winds.									
Washtenaw County									
Chelsea	20	1600EST			0	0			Thunderstorm Wind (G52)
Spotters reported that 8 to 10 inch diameter tree limbs were blown down in thunderstorm winds.									
Washtenaw County									
3 NW Saline	20	1600EST			0	0			Thunderstorm Wind (G58)
A trained weather spotter reported a 67 MPH thunderstorm wind gust.									
Livingston County									
4 SE Brighton	20	1607EST			0	0	50K		Lightning
Lightning struck an electrical pole at the rear of a house and set a portion of the garage on fire.									
Livingston County									
1 E Brighton	20	1610EST			0	0	25K		Thunderstorm Wind (G65)
The newspaper reported that thunderstorm winds blew a mobile home off of its foundation.									
Washtenaw County									
3 N Ypsilanti	20	1615EST			0	0			Thunderstorm Wind (G50)
Trained spotters reported several 9 inch diameter tree limbs blown down in thunderstorm winds.									
Wayne County									
Sumpter	20	1615EST			0	0			Thunderstorm Wind (G51)
A trained spotter estimated a thunderstorm wind gust of 60 MPH.									
Oakland County									
Milford	20	1620EST			0	0			Thunderstorm Wind (G51)
A trained spotter estimated thunderstorm wind gusts at 60 MPH.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MICHIGAN, East</u>									
Oakland County									
Highland	20	1623EST			0	0			Hail (1.00)
Oakland County									
Highland	20	1623EST			0	0			Thunderstorm Wind (G51)
A trained weather spotter reported several trees blown down in thunderstorm winds.									
Oakland County									
4 E White Lake	20	1625EST			0	0			Thunderstorm Wind (G50)
A 58 MPH thunderstorm wind gust was measured at the National Weather Service Office									
Wayne County									
Detroit	20	1643EST			0	0			Thunderstorm Wind (G50)
Detroit Edison reported numerous tree branches blown down onto wires on the Detroit/Redford border.									
Macomb County									
3 N Utica	20	1710EST			0	0			Thunderstorm Wind (G50)
A 59 MPH thunderstorm wind gust was measured by a storm spotter.									
Macomb County									
Armada	20	1711EST			0	0			Thunderstorm Wind (G50)
A spotter reported that thunderstorm winds blew down numerous large tree limbs.									
Lapeer County									
1 W Hadley	20	1715EST			0	0	1K		Thunderstorm Wind (G50)
Lapeer County Central Dispatch reported numerous trees and power lines blown down in thunderstorm winds.									
Sanilac County									
Snover	20	1738EST			0	0	1K		Thunderstorm Wind (G55)
It was reported that thunderstorm winds blew down a large tree. The tree fell onto a propane tank.									
A strong cold front moved through the Great Lakes region during the evening of April 20th. Very warm and humid air pushed into the region ahead of this front. This triggered widespread thunderstorms during the afternoon, some of which produced severe wind gusts and large hail. A much stronger line of thunderstorms then passed through the region during the early evening hours. This line of thunderstorms accompanied the passage of the cold front. The strongest of these storms occurred south and east of an Owosso to Bad Axe line, many of which were accompanied by severe wind gusts. An estimated 10,000 homes and businesses reportedly lost power during the storms. Thunderstorm winds were also responsible for blowing down a 200-foot electricity tower in Ontario, Canada, just across the St Clair River from Marysville. The tower fell onto the river. This led to a major backup of ships on the St Clair River waterways.									
Macomb County									
2 NE Chesterfield	26	1300EST			0	0	20K		Wildfire
A grass fire burned half of a square mile between 24 Mile and Sugarbush roads in Chesterfield Township. No homes were damaged, but a barn was burned on Sugarbush Road.									
<u>MICHIGAN, Extreme Southwest</u>									
Hillsdale County									
1 S Reading	04	1900EST			0	0	0		Hail (0.75)
Hillsdale County									
1 S Reading	04	1908EST			0	0	0		Hail (0.75)
Hillsdale County									
6 S North Adams	04	1920EST			0	0	0		Hail (0.75)
Hillsdale County									
Litchfield	20	1455EST			0	0	0		Thunderstorm Wind (G50)
Emergency management reported trees and power lines down in Litchfield.									
Branch County									
4 W East Gilead	20	1500EST			0	0	0		Thunderstorm Wind (G50)
Spotters reported trees and power lines down west of East Gilead.									
Branch County									
Union City	30	2150EST			0	0	0		Hail (1.75)
<u>MICHIGAN, North</u>									
MIZ008-016>036-041>042									
Chippewa - Emmet - Cheboygan - Presque Isle - Charlevoix - Leelanau - Antrim - Otsego - Montmorency - Alpena - Benzie - Grand Traverse - Kalkaska - Crawford - Oscoda - Alcona - Manistee - Wexford - Missaukee - Roscommon - Ogemaw - Iosco - Gladwin - Arenac									
	03	1800EST			0	0			Winter Storm
	05	1300EST							
A prolonged period of mainly mixed precipitation fell across northern Michigan on the 3rd through the 5th. The precipitation fell to the									

Storm Data and Unusual Weather Phenomena

April 2003

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

north of a stationary frontal boundary that was located just south of Michigan. The heaviest precipitation occurred as a low moved along the front into the Ohio valley. The precipitation remained mostly snow across eastern upper Michigan, where up to 10 inches of snow fell. Central lower Michigan received up to an inch of ice accumulation due to persistent freezing rain. A mix of freezing rain, sleet and snow fell in between these two locations. Numerous reports of downed tree limbs and power lines were received as a result of the precipitation.

Manistee County

Wellston

15	1830EST			0	0				Hail (1.00)
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An isolated thunderstorm produced a report of severe hail.

MICHIGAN, Upper

MIZ005>007-010>014

Marquette - Alger - Luce - Iron - Dickinson - Menominee - Delta - Schoolcraft

05	0300EST 1130EST			0	0				Heavy Snow
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A stalled front to the south of Upper Michigan was the track for a series of low pressure systems moving east from the plains. On April 3rd, as very warm air to the south of this sharp boundary overran the cold air in place over the Upper Peninsula, locally heavy snow and sleet developed during the day. The precipitation tended to be all snow across northern Upper Michigan, with mixed precipitation and even a little freezing rain over the south. There was a rumble or two of thunder at many places as the precipitation became convective in character. As much as 8 inches of snow accumulated at Negaunee in Marquette County before this round of precipitation ended early on the 4th with close to 7 inches at Phoenix. The snow accumulation was less across the south, being a mix of snow, sleet and some freezing rain, but 2 to 4 inches of sloppy ice and snow accumulated at Bark River in Delta County. Then another low pressure system followed the stalled frontal boundary east across the southern Great Lakes and brought another round of snow to Upper Michigan late on April 4th into the 5th. This time, the heaviest snow fell over south central and eastern Upper Michigan. Eight to twelve inches of new snow accumulated in a strip from Norway and Menominee through Escanaba to Seney and Newberry before snow diminished during the morning on April 5th. Snowfall decreased sharply to the northwest of this band, and snowfall amounts of 3 inches or less were reported over northwest Upper Michigan. On the morning of the 5th, snowfall reports included 8 inches in Iron River, Iron Mountain, Munising and Seney, 9 inches in Gulliver, and Carlshend, and 10 inches in Menominee, Escanaba and Newberry. Rapid River measured 12 inches.

Marquette County

1 S Marquette

14	2355EST			0	0				Hail (0.88)
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Nickel sized hail was reported.

Marquette County

Marquette

14	2357EST			0	0				Hail (1.00)
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Quarter sized hail was reported.

Overnight on April 14th and 15th, scattered thunderstorms formed along a cold front approaching the Upper Peninsula of Michigan from the north. A few of these storms became severe with hail up to an inch in diameter reported in the city of Marquette.

MICHIGAN, West

MIZ037>040-043>046-050>052-056>059-066>067

Mason - Lake - Osceola - Clare - Oceana - Newaygo - Mecosta - Isabella - Muskegon - Montcalm - Gratiot - Ottawa - Kent - Ionia - Clinton - Eaton - Ingham

03	1000EST			0	0	4.9M			Ice Storm
05	0700EST								

A major ice storm affected much of southern lower Michigan, causing hundreds of thousands of people to lose power. The weight of the ice brought down thousands of trees and limbs and hundreds of power lines. Many people across the area lost power for several days and some people who live in outlying areas were without power for a week. The ice storm resulted in several million dollars worth of damage across the area.

The ice storm came in three stages. The first period of freezing rain during the afternoon hours of the 3rd resulted in up to a quarter of an inch of ice across Osceola and Isabella counties, in central lower Michigan. The second period of freezing rain came during the nighttime hours of the 3rd into the morning hours of the 4th, when ice accumulations of a quarter to three quarters of an inch occurred across much of central lower Michigan, north of Grand Rapids.

The heaviest period of freezing rain with thunderstorms came during the very late afternoon and evening hours, with the counties in the vicinity of I-96 receiving the heaviest ice accumulation. Up to an inch of ice was reported in the Lansing area, and numerous reports of a quarter to as much as an inch of ice were received in the vicinity of I-96. This was one of the biggest ice storms to affect lower Michigan in the last 50 years. When all was said and done with, most counties across central and southern lower Michigan ended up receiving a total of at least a half an inch of ice, with reports of total ice accumulation of an inch quite common, and even up to near an inch and a half of ice in some locations.

Storm Data and Unusual Weather Phenomena

April 2003

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

MIZ074

Jackson

07	0400EST				0	0			Heavy Snow
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A late season snow event produced an isolated report of heavy snow in Jackson (Jackson county), where seven inches of snow fell. Lighter snow accumulations of 3 to 5 inches occurred across much of the remainder of far south central and southwestern lower Michigan.

Allegan County

Otsego

20	0755EST				0	0	5K		Thunderstorm Wind (G53)
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An isolated severe thunderstorm brought down several trees and wires in Otsego. Several wires were also blown down two miles south of Holland.

Jackson County

Jackson

20	1525EST				0	0	10K		Hail (1.00)
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One and three quarters inch hail was reported by Blackman township police and fire personnel 5 miles north of Jackson. A report of a large tree down was also received from Spring Arbor, and a one foot diameter pine tree was snapped in half 5 miles southwest of Spring Arbor.

Ingham County

Dansville

20	1540EST				0	0	10K		Thunderstorm Wind (G53)
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Numerous trees were blown down by thunderstorm wind gusts across the eastern half of Ingham county. A few power lines were also blown down across that area.

Calhoun County

Tekonsha

30	2204EST				0	0	5K		Hail (0.75)
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A severe thunderstorm produced three quarters inch hail 5 miles west of Tekonsha.

Jackson County

Jackson

30	2230EST				0	0	10K		Hail (1.00)
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One inch diameter hail was reported one mile north of Jackson.

MINNESOTA, Central and South Central

MNZ082-091>093

Watonwan - Martin - Faribault - Freeborn

07	0000CST				0	0			Winter Storm
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Low pressure tracked from west to east across Missouri, with the northern fringe of heavy snow impacting southern Minnesota. 10 to 14 inches were common along Interstate 90. Winds gusted around 30 mph causing some blowing and drifting snow. Most schools were canceled and some businesses closed. Totals included 14 inches in Fairmont and Albert Lea, 12 inches in Blue Earth, 11 inches in Winnebago and 10 inches in St. James. The heavy snow did not extend very far north into Minnesota, as Mankato picked up only 3 inches, with 2 inches in Waseca and Owatonna, and only a trace in Springfield.

Scott County

New Market

15	1640CST				0	0			Hail (1.00)
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Lac Qui Parle County

Madison

15	1658CST				0	0			Hail (0.75)
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McLeod County

1 S Glencoe

15	1740CST				0	0			Hail (0.75)
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McLeod County

1 S Hutchinson

15	1757CST				0	0			Hail (0.75)
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MINNESOTA, Northeast

MNZ020-037

Southern Lake - Southern St. Louis / Carlton

04	0700CST				0	0			Heavy Snow
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Lake-enhanced snow fell over the head of Lake Superior. Snow amounts ranged from 6 to 13 inches. Hermantown had 13 inches, Silver Bay and Cloquet had 10 inches.

St. Louis County

7 W Tower

14	2315CST				0	0			Hail (1.00)
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St. Louis County

22 ENE Hibbing

14	2320CST				0	0			Hail (1.00)
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MNZ025-033>038 **Northern Cass - Southern Cass - Crow Wing - Northern Aitkin - Southern Aitkin - Southern St. Louis / Carlton - Pine**

16	0400CST				0	0			Ice Storm
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A mixture of sleet and freezing rain fell, causing an icy glaze up to 1/2" to accumulate on roads, trees, and power lines. In addition to

Storm Data and Unusual Weather Phenomena

April 2003

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

the precipitation, the head of the lakes area had very strong winds sustained at 35 to 50 mph. The Aerial Lift Bridge in Duluth reported gusts up to 66 mph. The peak wind at the Duluth Airport was 56 mph. The strong winds closed the port entry of Duluth as the strong east winds packed ice into the ship canal. Numerous trees and power lines were blown down. The KMart at the Miller Hill Mall location lost part of its roof in the high winds.

MINNESOTA, Northwest

MNZ004>006-008>009 Kittson - Roseau - Lake Of The Woods - East Marshall - North Beltrami

04	1010CST				0	0			Heavy Snow
	1657CST								

Warmer air advected in over the colder air at the surface, and helped to wring out moisture in the form of snow across northwest Minnesota. An upper level disturbance also helped to strengthen the lift. Snow began falling by late afternoon and early evening on the 3rd, with the heavy snow warning criteria reached the morning of the 4th. 6 to 8 inches of snow fell across the 5 county area.

Otter Tail County

3 W Parkers Prairie	15	1912CST			0	0			Hail (1.75)
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Otter Tail County

7 W Battle Lake	15	1915CST			0	0			Hail (0.75)
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Otter Tail County

2 E Henning	15	1930CST			0	0			Hail (0.75)
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MINNESOTA, Southeast

MNZ086>088-094>096 Dodge - Olmsted - Winona - Mower - Fillmore - Houston

07	0145CST				0	0			Winter Storm
	1445CST								

An early spring snowstorm impacted southeast Minnesota, producing accumulations of 6 to 10 inches. The heaviest snowfall was in locations near the Minnesota-Iowa border, which included 10.5 and 10 inches respectively at Brownsdale and Austin (Mower County). Canton and Whalan (Fillmore County) both received 10 inches, while 9.2 inches was reported at Stewartville (Olmsted County). East winds gusting to 30 mph caused near whiteout conditions at times.

MINNESOTA, Southwest

MNZ081-089>090-097>098 Cottonwood - Nobles - Jackson - Pipestone - Rock

06	1900CST				0	0			Heavy Snow
07	1200CST								

Wet snow accumulated to 6 to 10 inches, causing travel delays. Several school systems cancelled or delayed classes on Monday the 7th.

MNZ080

Murray

06	1900CST				0	0			Winter Weather/Mix
07	1100CST								

Wet snow accumulated to 3 to 6 inches, causing travel and school delays.

MINNESOTA, West

NONE REPORTED.

MINNESOTA, West Central

NOT RECEIVED.

MISSISSIPPI, Central

Sharkey County

Onward	06	1020CST			0	0	1K		Hail (0.75)
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Warren County

Eagle Bend	06	1038CST			0	0	125K		Thunderstorm Wind (G62)
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Thunderstorm winds slightly damaged about 4 homes around Eagle Lake. The damage ranged from minor roof damage to significant damage where a tree fell on a roof.

Issaquena County

10 S Valley Park	06	1050CST	0.5	25	0	0	5K		Tornado (F0)
		1051CST							

This Tornado knocked down and snapped a few trees in extreme southern Issaquena county. This tornado exited the county at 10:51 AM and moved into Warren county.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
MISSISSIPPI, Central									
Yazoo County									
1 SE Satartia	06	1050CST 1051CST	0.3	25	0	0	20K		Tornado (F0)
This brief tornado snapped and uprooted several trees.									
Warren County									
4 SW Redwood	06	1051CST 1052CST	0.2	25	0	0	5K		Tornado (F0)
This tornado entered Warren county from Issaquena county at 10:51 AM. As this tornado moved east, it knocked down and snapped a few trees.									
Yazoo County									
Bentonia to 3 E Bentonia	06	1055CST 1058CST			0	0	50K		Thunderstorm Wind (G60)
Thunderstorm winds snapped a billboard and uprooted several trees.									
Yazoo County									
Valley	06	1055CST			0	0	50K		Thunderstorm Wind (G60)
Several trees were uprooted along with powerlines blown down.									
Yazoo County									
1 E Anding to 5 E Anding	06	1057CST 1103CST	4	50	0	0	100K		Tornado (F0)
This tornado downed dozens of trees between Anding and Myrleville.									
Warren County									
Redwood	06	1059CST			0	0	10K		Hail (1.75)
Warren County									
Oak Ridge	06	1100CST			0	0	10K		Hail (1.75)
Warren County									
4 N Redwood	06	1105CST			0	0	5K		Hail (1.25)
Warren County									
3 E Redwood	06	1106CST			0	0	10K		Hail (1.75)
Warren County									
Redwood	06	1112CST 1120CST			0	0	500K		Thunderstorm Wind (G60)
Thunderstorm winds blew the roof off a section of Redwood school. A few trees were also blown down on a mobile home. Numerous other trees were also blown down around Redwood.									
Warren County									
12 NE Vicksburg	06	1114CST			0	0	3K		Hail (1.00)
Warren County									
12 NE Vicksburg	06	1114CST			0	0	50K		Thunderstorm Wind (G60)
Numerous trees and powerlines were blown down along Redwood road, between Redwood and Oak Ridge.									
Hinds County									
Bolton	06	1145CST			0	0	100K		Thunderstorm Wind (G65)
Thunderstorm winds blew cars off of Interstate 20.									
Madison County									
Flora	06	1145CST			0	0	150K		Thunderstorm Wind (G65)
Nearly 20 power poles were blown down in the Flora area.									
Yazoo County									
Yazoo City	06	1145CST 1245CST			0	0	25K		Flash Flood
Heavy rains caused several streets to flood in the city.									
Hinds County									
Pocahontas	06	1148CST			0	0	10K		Hail (1.50)
Madison County									
3 NE Ridgeland	06	1150CST			0	0	25K		Thunderstorm Wind (G60)
Intense inflow winds ahead of a supercell thunderstorm blew down numerous 4 to 6 inch diameter trees.									
Madison County									
Madison	06	1152CST			0	0	1K		Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSISSIPPI, Central									
Madison County 2 NE Ridgeland	06	1155CST			0	0	30K		Thunderstorm Wind (G60)
									Several trees were blown down.
Madison County 5 SE Gluckstadt	06	1158CST 1159CST	0.3	25	0	0	25K		Tornado (F0)
									This brief tornado uprooted and snapped several trees.
Hinds County Pocahontas	06	1159CST			0	0	50K		Thunderstorm Wind (G60)
									Numerous trees and powerlines down. Downed trees blocked a few roads.
Madison County 5 NW Madison	06	1200CST 1210CST			0	0	2M		Hail (2.75)
									Baseball to golfball sized hail broke windows and caused major roof damage to numerous homes.
Madison County 4 NE Madison	06	1200CST			0	0	70K		Thunderstorm Wind (G65)
									Numerous powerlines and power poles were blown down in the Twelve Oaks subdivision.
Madison County Ridgeland	06	1200CST 1212CST			0	0	100K		Thunderstorm Wind (G60)
									Thunderstorm winds damaged a few businesses and tore siding off a few homes. The Levi Strauss building had a portion of the roof damaged. Numerous trees and powerlines were also downed.
Madison County Madison	06	1205CST			0	0	5K		Hail (1.25)
Madison County Madison	06	1205CST			0	0	10K		Thunderstorm Wind (G56)
Madison County Ridgeland	06	1205CST			0	0	1K		Hail (0.75)
Madison County Ridgeland	06	1210CST			0	0	10K		Hail (1.75)
Rankin County Fannin	06	1217CST			0	0	1K		Hail (0.75)
Madison County Gluckstadt	06	1220CST			0	0	1K		Hail (1.00)
									Quarter sized hail accumulated 3 to 4 inches deep.
Hinds County Bolton	06	1222CST			0	0	1K		Hail (0.75)
Rankin County 5 N Brandon to Brandon	06	1222CST			0	0	10K		Hail (1.75)
									Golfball sized hail reported in Castlewoods subdivision.
Rankin County 1 S Goshen Spgs	06	1223CST 1224CST	0.5	25	0	0	50K		Tornado (F0)
									This brief tornado snapped and downed a few dozen trees just S of Goshen Springs.
Madison County Madison	06	1225CST			0	0	1K		Hail (0.88)
Rankin County Fannin	06	1225CST			0	0	10K		Hail (1.75)
Warren County Vicksburg	06	1225CST 1400CST			0	0	50K		Flash Flood
									Heavy rains caused 1 to 2 feet of water to cover a few roadways in the city.
Rankin County 4 W Fannin	06	1235CST			0	0	1K		Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
MISSISSIPPI, Central									
Rankin County									
4 W Fannin	06	1235CST			0	0	40K		Thunderstorm Wind (G69)
									Thunderstorm winds knocked down a substantial fence and tore shingles off of a roof.
Madison County									
Madison	06	1240CST 1400CST			0	0	50K		Flash Flood
									Heavy rains caused significant street flooding.
Madison County									
Ridgeland	06	1245CST 1400CST			0	0	50K		Flash Flood
									Heavy rains caused a portion of highway 51 to be covered with water.
Madison County									
Madison	06	1250CST			0	0	100K		Thunderstorm Wind (G60)
									Numerous trees and powerlines were blown down.
Rankin County									
Fannin	06	1250CST			0	0	1K		Hail (1.00)
Madison County									
Madison	06	1251CST 1400CST			0	0	25K		Flash Flood
									Heavy rains caused 1 to 2 feet of water to cover some roads.
Warren County									
Oak Ridge	06	1255CST 1400CST			0	0	10K		Flash Flood
									Heavy rains caused a few streets to flood. Nearly 4 inches of rain was reported between 11 am and 2 pm.
Madison County									
Madison	06	1310CST 1400CST			0	0	50K		Flash Flood
									Heavy rains caused a portion of Interstate 55, near the Natchez Trace, to be covered with nearly 2 feet of water. Mississippi Highway Patrol closed the interstate for a short time.
Leake County									
Lena	06	1311CST			0	0	25K		Thunderstorm Wind (G60)
									Numerous trees were blown down.
Hinds County									
5 SW Jackson	06	1315CST			0	0	5K		Thunderstorm Wind (G52)
									Large tree limbs were blown down.
Madison County									
Ridgeland	06	1315CST			0	0	50K		Thunderstorm Wind (G60)
									Numerous trees and powerlines were blown down. Trees were blown onto Old Agency road and blocked traffic.
Scott County									
15 NE Forest	06	1315CST			0	0	3K		Hail (1.00)
Scott County									
3 NE Forest	06	1315CST			0	0	1K		Hail (1.00)
Newton County									
6 W Newton	06	1335CST			0	0	1K		Hail (1.00)
Newton County									
8 W Union	06	1335CST			0	0	1K		Hail (0.88)
									Nickel sized hail accumulated to near 2 inches deep.
Newton County									
8 W Union	06	1335CST			0	0	25K		Thunderstorm Wind (G60)
									An outbuilding was destroyed and blown across highway 492. Numerous trees were also blown down.
Rankin County									
Brandon	06	1335CST			0	0	20K		Thunderstorm Wind (G60)
									A few trees were blown down in Crossgates subdivision.
Rankin County									
Flowood	06	1335CST			0	0	1K		Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSISSIPPI, Central									
Rankin County									
Leesburg	06	1340CST			0	0	50K		Thunderstorm Wind (G60)
									Numerous trees and powerlines down on Leesburg road.
Madison County									
Madison	06	1345CST 1420CST			0	0	25K		Flash Flood
									Heavy rains caused a portion of Highway 51 to be closed, due to 2 feet of water covering the roadway.
Hinds County									
Jackson	06	1400CST 1420CST			0	0	10K		Flash Flood
									Heavy rains caused a few streets, near county line road in north Jackson, to have 1 to 2 feet of water covering them.
Newton County									
5 NE Little Rock to 7 NE Little Rock	06	1400CST 1404CST	2	100	0	0	200K		Tornado (F0)
									This tornado downed dozens of trees and peeled a portion of a roof off a tin shed. This tornado continued east and entered Lauderdale county at 3:04 pm, 5 miles NW of Collinsville.
Lauderdale County									
5 NW Collinsville to 2 S Daleville	06	1404CST 1421CST	10.5	200	0	0	600K		Tornado (F0)
									This tornado entered Lauderdale county from Newton county and continued E for 10.5 miles. This tornado downed several dozen trees and caused minor roof damage to a few sheds and houses.
Rankin County									
Fannin	06	1410CST 1440CST			0	0	500K		Flash Flood
									Heavy rains caused outbuildings and 5 to 8 homes to be flooded along a portion of highway 471. Water 10 to 12 inches deep covered these locations.
Scott County									
Countywide	06	1410CST 1440CST			0	0	300K		Flash Flood
									Heavy rains caused several county roads to be flooded, with a few buildings having taken on water.
Scott County									
Morton	06	1417CST			0	0	1K		Hail (0.75)
Hinds County									
Clinton	06	1420CST 1424CST			0	0	70K		Flash Flood
									Heavy rains caused a pond to overflow. Two feet of water was in the basement of a house.
Hinds County									
Jackson	06	1420CST 1424CST			0	0	300K		Flash Flood
									Heavy rains caused several streets to flood. Bristol Park apartments were flooded.
Lauderdale County									
Collinsville	06	1427CST			0	0	5K		Hail (1.25)
Neshoba County									
Countywide	06	1430CST			0	0	25K		Thunderstorm Wind (G55)
									Numerous powerlines were blown down across the county.
Newton County									
Decatur	06	1430CST			0	0	25K		Thunderstorm Wind (G60)
									Several powerlines and power poles were blown down between Decatur and Union.
Lauderdale County									
5 N Meridian	06	1435CST			0	0	20K		Hail (1.75)
Scott County									
Forest	06	1435CST			0	0	1K		Hail (0.75)
Lauderdale County									
Marion	06	1438CST			0	0	1K		Hail (1.00)
Noxubee County									
Shuqualak	06	1440CST			0	0	1K		Hail (0.75)
Newton County									
4 N Chunky	06	1525CST			0	0	1K		Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSISSIPPI, Central									
Newton County									
4 N Chunky	06	1525CST			0	0	5K		Thunderstorm Wind (G60)
Lauderdale County									
Meridian	06	1540CST			0	0	1K		Hail (0.75)
Lauderdale County									
Lauderdale	06	1545CST			0	0	1K		Hail (1.00)
Lauderdale	06	1545CST			0	0	5K		Thunderstorm Wind (G50)
A few trees were blown down.									
Sharkey County									
Onward	06	1637CST			0	0	1K		Hail (0.75)
Humphreys County									
1 W Belzoni to Belzoni	06	1639CST 1640CST	0.5	25	0	0	25K		Tornado (F0)
A brief tornado was observed by an amateur radio spotter 1 mile W of Belzoni. This tornado blew down a few trees before it dissipated.									
Issaquena County									
Central Portion	06	1700CST			0	0	15K		Thunderstorm Wind (G60)
A couple of power poles were blown down.									
Yazoo County									
South Portion	06 07	1700CST 0150CST			0	0	10M		Flash Flood
Several rounds of thunderstorms produced 7 to 12 inches of rain across the southern portion of Yazoo county. This rainfall resulted in a very large number of roads being covered with water, as well as large amounts of farmland.									
Grenada County									
Grenada	06	1730CST 1810CST			0	0	1M		Flash Flood
Heavy rains, between 4 and 6 inches, caused 20 to 30 streets to be flooded. Five homes were also flooded.									
Leflore County									
Greenwood	06	1800CST 1810CST			0	0	20K		Flash Flood
Heavy rains caused street flooding around Greenwood.									
Warren County									
3 S Vicksburg	06 07	1800CST 0400CST			0	0	10M		Flash Flood
Several rounds of thunderstorms dumped 7 to 12 inches of rain across portions of Warren county. Numerous streets, roads and houses were flooded. Mud slides were common across the county.									
Madison County									
5 N Canton	06	1815CST 1816CST	0.3	25	0	0	25K		Tornado (F0)
A brief tornado downed and snapped several trees as it crossed Interstate 55.									
Hinds County									
8 W Tougaloo to 3 W Tougaloo	06	1830CST 1835CST	5	100	0	2	500K		Tornado (F1)
This tornado caused major roof damage to 2 homes in Richwood III Estates. 10 to 15 other homes had minor roof damage. The tornado continued east and crossed the intersection of Interstate 220 and Hanging Moss where several stop lights were removed from the line. Minor awning damage occurred to a car dealership near that intersection. The tornado continued east into Woodhaven subdivision where it mainly knocked trees down before it dissipated. Overall, a few hundred trees were snapped or blown down with many of the trees taking down powerlines.									
Jefferson County									
3 SE Union Church	06	1830CST			0	0	100K		Thunderstorm Wind (G60)
Numerous power poles were blown down.									
Hinds County									
7 W Tougaloo to 3 W Tougaloo	06	1831CST 1835CST			0	0	350K		Thunderstorm Wind (G65)
Thunderstorm winds, produced by the rear-flank downdraft of a tornadic thunderstorm, snapped and knocked down a few hundred trees south of County Line road in north Jackson. Many of the trees fell on houses causing significant damage to nearly 30 homes. This damage occurred just to the south of the tornado track and was nearly a mile wide. The swath of wind damage was about 4 miles in length.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSISSIPPI, Central									
Lincoln County									
4 SE Caseyville to 8 N Brookhaven	06	1837CST 1846CST			0	0	500K		Thunderstorm Wind (G70)
Thunderstorm winds, associated with the rear-flank downdraft of a tornadic supercell thunderstorm, produced widespread wind damage just to the south of a tornado track. This wind damage path was approximately 2 to 3 miles in width and 10 miles long. a few hundred trees were blown down in this area.									
Lincoln County									
4 SE Caseyville to 8 N Brookhaven	06	1837CST 1846CST	10	1230	0	6	1M		Tornado (F2)
This tornado started 4 miles SE of Caseyville and continued to the NE for 10 miles when it entered Copiah county at 7:46 pm, at the intersection of Interstate 55 and the county line. This tornado caused minor damage to numerous homes with several homes sustaining major damage in the form of having their roofs blown off. This tornado also took down two 500 kilowatt towers. In addition to the structural damage, hundreds of trees were snapped and uprooted.									
Lincoln County									
2 NW Brookhaven	06	1840CST			0	0	5K		Hail (1.25)
Rankin County									
Brandon	06	1842CST			0	0	20K		Thunderstorm Wind (G60)
A few trees and powerlines down at the intersection of Old Fannin and Spillway road.									
Rankin County									
3 W Fannin to 1 E Fannin	06	1842CST 1846CST	4	50	0	0	300K		Tornado (F1)
This tornado downed and snapped a few hundred trees, damaged a roof and blew out some windows on a house.									
Copiah County									
4 WSW Wesson to 3 WSW Wesson	06	1846CST 1847CST			0	0	75K		Thunderstorm Wind (G70)
Thunderstorm winds, associated with the rear-flank downdraft of a tornadic supercell thunderstorm, blew down several dozen trees just to the south of a tornado track. This wind damage path was approximately 2 to 3 miles wide and 1 mile long.									
Copiah County									
4 WSW Wesson to 3 WSW Wesson	06	1846CST 1847CST	1	1230	0	0	100K		Tornado (F1)
This tornado moved into Copiah county from Lincoln county at 7:46 pm. This tornado remained in Copiah county for 1 mile before dissipating. A few hundred trees were snapped and uprooted.									
Copiah County									
Wesson	06	1850CST			0	0	20K		Thunderstorm Wind (G60)
Several trees were blown down.									
Lincoln County									
6 NW Brookhaven	06	1855CST			0	0	1K		Hail (1.00)
Choctaw County									
Countywide	06	1900CST 2100CST			0	0	50K		Flash Flood
Heavy rains, between 3 and 4 inches, caused several county roads to be covered with water.									
Scott County									
Forkville	06	1925CST			0	0	25K		Thunderstorm Wind (G60)
Several powerlines and power poles were blown down.									
Scott County									
Morton	06	1930CST			0	0	15K		Thunderstorm Wind (G55)
A few powerlines blown down.									
Jefferson Davis County									
Prentiss	06	1937CST			0	0	10K		Thunderstorm Wind (G50)
A few trees down on highway 42 between Prentiss and Hebron.									
Lawrence County									
New Hebron	06	1940CST			0	0	10K		Thunderstorm Wind (G50)
Several trees were blown down.									
Newton County									
Newton	06	1945CST			0	0	10K		Thunderstorm Wind (G50)
A few trees were blown down.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSISSIPPI, Central									
Hinds County									
Jackson	06	1950CST			0	0	20M		Flash Flood
	07	0400CST							
Several rounds of thunderstorms dumped 7 to 12 inches of rain over the metro area. Numerous streets, apartment complexes and businesses were flooded. Two to three feet of water covered streets and front yards in north Jackson. Some people had to be evacuated along Martin Luther King Drive due to the high water.									
Leake County									
South Portion	06	1950CST			0	0	10M		Flash Flood
	07	0600CST							
Several rounds of thunderstorms and continued heavy rain dumped 7 to 12 inches of rain across the southern portion of Leake county. Numerous roads were flooded with a few bridges being washed out. Several homes and businesses were also flooded.									
Madison County									
Countywide	06	1950CST			0	0	50M		Flash Flood
	07	0400CST							
Continued heavy rains dumped 7 to 12 inches of rain over a large portion of Madison county. This extremely heavy rain flooded numerous streets and roads. Numerous businesses, apartment complexes and homes sustained significant flood damage.									
Neshoba County									
South Portion	06	2000CST			0	0	300K		Flash Flood
	07	0600CST							
Heavy rains, between 6 and 8 inches, flooded numerous county roads across the southern half of Neshoba county.									
Newton County									
North Portion	06	2000CST			0	0	30M		Flash Flood
	07	0600CST							
Several rounds of thunderstorms and continued heavy rain dumped 7 to 12 inches of rain over the northern portion of Newton county. This extremely heavy rain flooded and washed out numerous roads. Numerous homes and businesses were also flooded.									
Rankin County									
Richland	06	2000CST			0	0	30M		Flash Flood
	07	0500CST							
Several rounds of thunderstorms dumped 7 to 12 inches of rain over the northern half of Rankin county. This rainfall flooded numerous homes, businesses and roads.									
Scott County									
Countywide	06	2000CST			1	0	50M		Flash Flood
	07	0600CST							
Continued heavy rains dumped 7 to 12 inches of rain over Scott county. Numerous roads were flooded with several feet of water covering the the roads. This very large amount of water washed out numerous roads and bridges. Due to a washed out bridge, one person was killed when he drove his car into flooded waters around 1:30 am April 7. In addition to the flooded roads, dozens of businesses and homes were flooded across the county. M30VE									
Winston County									
Louisville	06	2000CST			0	0	100K		Flash Flood
	07	0100CST							
Heavy rains, between 4 and 5 inches, flooded a business in town.									
Covington County									
Countywide	06	2030CST			0	0	15K		Thunderstorm Wind (G55)
A few powerlines and power poles were blown down, mainly in the northern portion of the county.									
Jasper County									
3 SW Stringer	06	2035CST			0	0	25K		Thunderstorm Wind (G55)
Several trees and powerlines were blown down.									
Smith County									
Taylorville	06	2035CST			0	0	50K		Thunderstorm Wind (G60)
Thunderstorm winds blew an awning off a Sunflower store and downed a few trees.									
Jones County									
8 NE Laurel	06	2040CST			0	0	5K		Hail (1.75)
Jones County									
15 N Laurel	06	2045CST			0	0	1K		Hail (1.00)
Jasper County									
Moss	06	2050CST			0	0	10K		Hail (1.75)
Jasper County									
Moss	06	2050CST			0	0	1K		Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
MISSISSIPPI, Central							
Jones County							
1 N Laurel	06	2050CST			0 0	30K	Thunderstorm Wind (G55)
							Thunderstorm winds blew out a few windows on a house and damaged an awning.
Jasper County							
Moss	06	2052CST			0 0		Funnel Cloud
Jasper County							
4 SW Heidelberg	06	2055CST			0 0	25K	Thunderstorm Wind (G50)
							Thunderstorm winds blew a tree onto a car and blew another tree across County Road 371.
Lauderdale County							
Meridian	07	0130CST			0 0	50K	Thunderstorm Wind (G60)
							Numerous trees and powerlines were blown down.
Kemper County							
South Portion	07	0145CST 0600CST			0 0	1M	Flash Flood
							Several rounds of thunderstorms dumped 7 to 10 inches of rain over the southern portion of Kemper county. Numerous roads were flooded and washed out.
Lauderdale County							
Meridian	07	0145CST 0600CST			0 0	50M	Flash Flood
							Several rounds of thunderstorms dumped 5 to 10 inches of rain across most of Lauderdale county. Widespread street flooding occurred with numerous county roads flooded and even washed out.
Marion County							
Kokomo	07	0901CST			0 0	10K	Hail (1.50)
Marion County							
5 N Kokomo	07	0905CST			0 0	500K	Hail (4.00)
							Grapefruit sized hail broke out windshields and caused other damage in the Darbin area.
Marion County							
Columbia	07	0918CST			0 0	1K	Hail (0.75)
Marion County							
Columbia	07	0925CST			0 0	20K	Hail (1.75)
Forrest County							
Countywide	07	1015CST			0 0	10K	Thunderstorm Wind (G50)
							A few powerlines were blown down. To put the entire event into perspective, areas just to the N of Interstate 20 and extending W to E across the entire state, experienced a 125 year rainfall event. Rainfall totals ranged from 7 to 12 inches which all fell in about 18 hours. Due to the large amounts of rain, river flooding quickly became a major problem. The Pelahatchie Creek experienced a 100 year flood. The Chunky River, at Chunky, set a new record. This river actually flooded a portion of Interstate 20 which had to be closed for a few hours. The Chickasawhay River at Enterprise also set a record. In addition to all the flash flooding, the river flooding caused major damage to homes and flooded numerous roads.
Hinds County							
4 SE Jackson	24	1110CST			0 0	1K	Hail (0.75)
Hinds County							
Raymond	24	1110CST 1112CST			0 0	1K	Hail (0.75)
							Penny sized hail covered the ground in and around Raymond.
Hinds County							
Jackson	24	1156CST			0 0	1K	Hail (0.88)
Clarke County							
Pachuta	24	1220CST			0 0	1K	Thunderstorm Wind (G50)
Clarke County							
Quitman	24	1220CST			0 0	1K	Hail (0.75)
Jefferson Davis County							
2 S Bassfield	24	1239CST			0 0	1K	Hail (0.88)
Marion County							
1 N Goss	24	1239CST			0 0	1K	Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Marion County									
White Bluff	24	1242CST			0	0	10K		Thunderstorm Wind (G50)
			A few trees were blown down.						
Hinds County									
Jackson	24	1302CST			0	0	1K		Hail (0.75)
Rankin County									
Brandon	24	1308CST			0	0	1K		Hail (0.75)
Madison County									
Farmhaven	24	1315CST			0	0	1K		Hail (0.75)
Washington County									
Greenville	24	1352CST			0	0	1K		Hail (0.75)
Covington County									
Hot Coffee	24	1400CST			0	0	1K		Hail (0.75)
Leake County									
Lena	24	1400CST			0	0	1K		Hail (0.75)
Lauderdale County									
Collinsville	24	1407CST			0	0	1K		Hail (0.75)
Neshoba County									
Philadelphia	24	1415CST			0	0	1K		Hail (0.75)
Kemper County									
2 W Cleveland	24	1430CST			0	0	1K		Hail (0.75)
Jones County									
Laurel	24	1437CST			0	0			Funnel Cloud
Madison County									
Countywide	24	1500CST 1630CST			0	0	50K		Flash Flood
			Heavy rains caused several creeks and streams to flood.						
Leake County									
2 N Thomastown	24	1505CST 1630CST			0	0	10K		Flash Flood
			Heavy rains caused a few streets to flood.						
Clarke County									
Shubuta	24	1515CST			0	0	1K		Hail (0.75)
Leake County									
2 N Carthage	24	1515CST			0	0	10K		Thunderstorm Wind (G50)
			A few trees were blown down.						
Lamar County									
Oak Grove	24	1517CST			0	0	1K		Hail (0.75)
Lamar County									
Oak Grove	24	1517CST			0	0	10K		Thunderstorm Wind (G50)
			A few trees blown down.						
Neshoba County									
1 N Philadelphia	24	1541CST			0	0	1K		Hail (0.75)
Neshoba County									
Countywide	24	1600CST 25 0100CST			0	0	50K		Flash Flood
			Several rounds of thunderstorms and continuing heavy rain caused numerous streets to flood across the county.						
Lamar County									
Lumberton	24	1610CST			0	0	1K		Hail (0.75)
Neshoba County									
Neshoba	24	1615CST			0	0	10K		Thunderstorm Wind (G50)
			A few trees were blown down.						
Neshoba County									
Philadelphia	24	1615CST			0	0	1K		Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
MISSISSIPPI, Central									
Hinds County									
Clinton	24	1640CST 1642CST	1	30	0	0	100K		Tornado (F0)
A brief tornado touched down in Clinton and damaged a porch to a house, caused some shingle damage on a few homes and downed a few trees.									
Sharkey County									
Anguilla	24	1640CST			0	0	1K		Hail (0.75)
Noxubee County									
Macon	24	1650CST			0	0	1K		Hail (0.75)
Winston County									
Fearns Spgs	24	1700CST			0	0	1K		Hail (0.75)
Neshoba County									
Philadelphia	24	1730CST			0	0	1K		Hail (1.00)
Hinds County									
Jackson	24	1741CST			0	0	1K		Hail (0.75)
Attala County									
Kosciusko	24	1814CST			0	0	1K		Hail (0.75)
Lauderdale County									
Meridian	24 25	1900CST 0100CST			0	0	2M		Flash Flood
Several rounds of thunderstorms and continued heavy rain caused significant flooding in Meridian. Several roads were covered with one to two feet of water. Many creeks were well out of their banks with a few buildings having water in them. Several roads and bridges were damaged. The high water caused portions of roads to be washed out.									
Leake County									
Countywide	24 25	1900CST 0100CST			0	0	300K		Flash Flood
Heavy rains, from several rounds of thunderstorms, caused several roads across Leake county to be flooded. A few roads were washed out due to the high water.									
Madison County									
Countywide	24 25	1900CST 0100CST			0	0	200K		Flash Flood
Heavy rains, from several rounds of thunderstorms, caused several roads across the Madison county to be covered with water.									
Newton County									
Countywide	24 25	1900CST 0100CST			0	0	300K		Flash Flood
Several rounds of thunderstorms and continued heavy rain cause several roads to flood across Newton county. Several roads were washed out along with a few bridges.									
Scott County									
Countywide	24 25	1900CST 0100CST			0	0	300K		Flash Flood
Several rounds of thunderstorms and continued heavy rain cause several roads and streets to flood across Scott county.									
Lauderdale County									
Marion	24	1912CST			0	0	10K		Hail (1.75)
Jasper County									
5 S Stringer	24	1935CST			0	0	1K		Hail (0.88)
Lincoln County									
Brookhaven	24	1940CST			0	0	1K		Hail (0.75)
Leake County									
1 W Ofahoma to .5 W Ofahoma	24	1947CST 1948CST	0.3	25	0	0	15K		Tornado (F0)
This weak tornado downed several trees near the intersection of the Natchez Trace and highway 16.									
Kemper County									
Countywide	24 25	2000CST 0100CST			0	0	100K		Flash Flood
Heavy rain caused several roads across Kemper county to be closed.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSISSIPPI, Central									
Noxubee County									
Macon	24	2000CST			0	0	100K		Flash Flood
	25	0100CST							
	Several rounds of thunderstorms produce heavy rain that flooded a few roads. Those roads had to be closed due to water covering them.								
Leake County									
10 SW Carthage	24	2025CST			0	0	1K		Hail (0.75)
Hinds County									
Jackson	24	2045CST			0	0	500K		Flash Flood
	25	0100CST							
	Heavy rain caused some cars to be flooded around the coliseum. In addition to the flooded cars, a bridge was washed out in the county.								
Rankin County									
1.5 SW Brandon to 4 NW Pelahatchie	24	2053CST 2112CST	12	600	0	6	50M		Tornado (F3)
	This strong tornado moved directly through downtown Brandon damaging or destroying several businesses, one school and dozens of homes. In addition to structural damage, hundreds of trees were snapped or uprooted as the tornado move to the NE.								
Rankin County									
Countywide	24	2130CST			0	0	100K		Flash Flood
	25	0100CST							
	Heavy rains, from several rounds of thunderstorms, cause several roads and streets to flood.								
Kemper County									
9 S De Kalb to 1 N Oak Grove	24	2140CST 2148CST	6	50	0	0	70K		Tornado (F1)
	This tornado touched down and snapped or uprooted a few hundred trees as it moved E across central Kemper county.								
Smith County									
Countywide	24	2145CST			0	0	5K		Thunderstorm Wind (G50)
	A few trees were blown down.								
Washington County									
3 E Greenville	24	2210CST			0	0	1K		Hail (0.75)
Issaquena County									
3 S Grace	24	2258CST			0	0	5K		Hail (1.75)
Humphreys County									
Belzoni	24	2301CST			0	0			Funnel Cloud
Lincoln County									
5 NW Bogue Chitto	25	1408CST			0	0	1K		Hail (1.00)
Lincoln County									
2 NE Ruth	25	1430CST			0	0	1K		Hail (1.00)
Lawrence County									
2 S Tilton	25	1445CST			0	0	5K		Hail (1.75)
Lawrence County									
Topeka	25	1455CST			0	0	1K		Hail (1.00)
Jones County									
Moselle	25	1500CST			0	0	1K		Hail (1.00)
Marion County									
Goss	25	1510CST			0	0	1K		Hail (0.88)
Marion County									
4 E Goss	25	1515CST			0	0	1K		Hail (1.00)
Covington County									
5 SE Mt Olive	25	1537CST			0	0	10K		Hail (1.75)
Covington County									
Hot Coffee	25	1600CST			0	0	5K		Hail (1.50)
Jones County									
Sandersville	25	1600CST			0	0	1K		Hail (0.75)
Forrest County									
Hattiesburg	25	1610CST			0	0	1K		Hail (1.00)
Forrest County									
Hattiesburg Arpt	25	1615CST			0	0	10K		Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MISSISSIPPI, Central</u>									
Lamar County									
2 N Oak Grove	25	1615CST			0	0	1K		Hail (1.00)
Lamar County									
4 S Sumrall	25	1615CST			0	0	1K		Hail (0.88)
Forrest County									
Hattiesburg	25	1622CST			0	0	300K		Hail (2.50)
Jasper County									
Moss	25	1625CST			0	0	1K		Hail (1.00)
Forrest County									
5 N Hattiesburg	25	1700CST			0	0	1K		Hail (0.75)
Forrest County									
Hattiesburg	25	1723CST			0	0	1K		Hail (0.75)
Forrest County									
Mc Laurin	25	1734CST			0	0	1K		Hail (1.00)
<u>MISSISSIPPI, North</u>									
Lee County									
Tupelo	06	1800CST 2100CST			0	0	1K		Flash Flood
Several streets were flooded.									
Yalobusha County									
Coffeeville	20	1654CST 1700CST			0	0	0.01K		Hail (0.75)
Tallahatchie County									
Cascilla	20	1730CST 1735CST			0	0	0.01K		Hail (0.75)
Pontotoc County									
5 W Algoma	20	2030CST 2035CST			0	0	150K		Lightning
Three buildings at a furniture plant were destroyed by a fire started by lightning.									
Chickasaw County									
Houlka	24	1727CST 1735CST			0	0	0.01K		Hail (0.75)
Lee County									
Shannon to 5 E Nettleton	24	1745CST 1800CST			0	0	0.90K		Hail (1.75)
Itawamba County									
Evergreen	24	1755CST 1800CST			0	0	0.10K		Hail (1.00)
Panola County									
Como	24	2232CST 2240CST			0	0	0.01K		Hail (0.75)
Panola County									
Rock Hill	24	2313CST 2320CST			0	0	5K		Thunderstorm Wind (G50)
Several trees were knocked down including a 200-year-old tree.									
Union County									
New Albany	25	0025CST 0030CST			0	0	0.01K		Hail (0.75)
<u>MISSISSIPPI, South</u>									
Walthall County									
Tylertown	07	0710CST			0	0			Hail (0.88)
Walthall County									
5 N Tylertown	07	0720CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSISSIPPI, South									
Pearl River County									
2.5 WSW Picayune to 6 E Picayune	07	1408CST 1418CST	8.5	30	0	0	100K		Tornado (F1)
A weak tornado produced intermittent damage along a path from 2.5 miles west southwest of Picayune to 6 miles east of Picayune along Highway 43. Most of the damage occurred as the tornado moved across the southern portions of Picayune where a number of large commercial signs were damaged, a semi trailer was blown over, the roof of a business was partially ripped off, numerous trees were knocked down and damaged, and several service station canopies were heavily damaged. Several homes were damaged by falling trees.									
Hancock County									
Countywide	07	1430CST 1440CST			0	0	50K		Thunderstorm Wind (G52)
Across the northern portion of the county thunderstorm winds knocked down trees and power lines, blew the roof off of a house and restaurant, damaged a garage and out buildings, and blew off the canopies of two service stations.									
Pearl River County									
Poplarville	24	1506CST 1516CST	2	25	0	0	2K		Tornado (F0)
A weak tornado knocked down stadium lights at Poplarville High School and downed trees nearby.									
Pearl River County									
12 W Poplarville	24	1520CST			0	0			Hail (1.75)
Pearl River County									
3 N Crossroads to 4 NW Poplarville	24	1525CST 1555CST	8	30	0	0	50K		Tornado (F1)
A weak tornado crossed into Pearl River County Mississippi from Washington Parish Louisiana about 3 miles north of Crossroads and produced intermittent damage along a path 8 miles long that ended four miles northwest of Poplarville. Most of the damage was to downed trees. Several houses and structures in Ford Creek Rd and Hilt Fornea Rd areas suffered damage.									
Pearl River County									
4 NW Poplarville	24	1537CST			0	0			Hail (1.75)
Pearl River County									
7 NE Poplarville	24	1600CST			0	0	1.5K		Thunderstorm Wind (G50)
Several trees were blown down.									
Pike County									
Osyka	25	1705CST			0	0			Hail (1.75)
MISSISSIPPI, Southeast									
Wayne County									
5 W Clara	06	2110CST 2111CST			0	0	5K		Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees near Strengthford.									
Wayne County									
Hiwannee	06	2138CST 2139CST			0	0	5K		Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees near Hiwannee.									
Stone County									
Wiggins	07	1500CST 1501CST			0	0	5K		Thunderstorm Wind (G50)
High winds from a thunderstorm blew down several trees just east of Wiggins.									
Stone County									
North Central Portion	07	1515CST 1600CST			0	0			Flash Flood
Heavy rains from slow moving thunderstorms caused water to pond on several streets across the north central part of the county. Many of the roads had to be closed for about an hour because the streets became impassable. The water quickly drained when the thunderstorms moved out of the area. Rainfall estimates were between three and five inches across the area.									
Perry County									
Janice	24	1645CST 1646CST	0.1	20	0	0	5K		Tornado (F0)
A weak tornado briefly touched down just west of Janice. A few trees were blown down and an outbuilding was damaged.									
Perry County									
Hintonville	24	1720CST 1721CST	0.1	20	0	0	5K		Tornado (F0)
A weak tornado briefly touched down just south of Hintonville. Several trees were blown down.									

Storm Data and Unusual Weather Phenomena

April 2003

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

MISSISSIPPI, Southeast

Greene County

Neely	24	1735CST 1736CST	0.1	20	0	0	5K		Tornado (F0)
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A weak tornado briefly touched down just north of Neely. Several trees were blown down.

Wayne County

Battles	25	1615CST 1617CST			0	0			Hail (0.75)
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Perry County

Mahned	25	1635CST 1637CST			0	0			Hail (0.75)
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Wayne County

State Line	25	1635CST 1637CST			0	0			Hail (0.75)
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Greene County

Kittrell	25	1637CST 1641CST			0	0			Hail (0.75)
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Perry County

Ferguson	25	1645CST 1647CST			0	0			Hail (0.75)
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Perry County

Richton	25	1720CST 1722CST			0	0			Hail (0.75)
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Greene County

Leakesville	25	1730CST 1732CST			0	0			Hail (1.00)
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Perry County

4 SE Beaumont	25	1825CST 1827CST			0	0			Hail (0.75)
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Greene County

Leaf	25	1830CST 1832CST			0	0			Hail (0.75)
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George County

Shipman	25	1855CST 1857CST			0	0			Hail (0.75)
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MISSOURI, East

Callaway County

Kingdom City	04	1245CST			0	0			Hail (1.00)
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Callaway County

Kingdom City	04	1250CST			0	0			Hail (1.00)
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Storm spotters reported 1 inch hail.

Warren County

Dutzow	04	1247CST			0	0			Hail (0.75)
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Warren County

Dutzow	04	1257CST			0	0			Hail (0.75)
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Storm spotters reported 3/4 inch hail for at least 10 minutes.

Franklin County

St Clair	04	1320CST			0	0			Hail (0.75)
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Franklin County

St Clair	04	1325CST			0	0			Hail (0.75)
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Several reports of 3/4 inch hail were received from the St. Clair area.

St. Charles County

St Charles	04	1332CST			0	0			Hail (0.75)
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Amateur radio spotters reported 3/4 inch hail at Interstate 70 and Highway 94.

Franklin County

Catawissa	04	1335CST			0	0			Hail (0.75)
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Franklin County

Pacific	04	1338CST			0	0			Hail (1.75)
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Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time 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, East

Storm spotters reported 3/4 inch hail in Catawissa and the County Sheriff reported golf ball size hail in Pacific.

St. Louis County

Fenton	04	1350CST			0	0			Hail (0.88)
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Storm spotters reported nickel size hail.

St. Charles County

2 E Harvester to 2 ENE Harvester	04	1353CST			0	0			Hail (1.75)
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St. Charles County

Harvester	04	1353CST			0	0			Hail (1.75)
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St. Charles County

Harvester	04	1355CST			0	0			Hail (0.75)
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Golfball size hail knocked holes in siding and shutters on a home in the Canyon Creek Subdivision.

Hail up to golfball size pounded homes in the Harvester area of St. Charles County. Several homes in the Canyon Creek Subdivision suffered siding and roof damage.

Jefferson County

High Ridge	04	1355CST			0	0			Hail (1.50)
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Storm spotters reported 1 1/2 inch hail.

St. Charles County

St Charles	04	1355CST			0	0			Hail (1.75)
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St. Charles County

St Charles	04	1355CST			0	0			Hail (1.00)
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St. Charles County

St Charles	04	1400CST			0	0			Hail (1.75)
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St. Charles County

St Charles	04	1403CST			0	0			Hail (1.00)
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Amateur radio spotters reported hail up to golfball size at several locations in St. Charles. Hail was reported at Interstate 70 and Zumbahl Road and at Interstate 70 and Highway 94. Golfball size hail was also reported at Highway 94 and 370. A couple of automobile dealerships suffered major damage to their automobile inventory due to the hail.

St. Louis County

Oakville	04	1355CST			0	0			Hail (0.75)
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St. Louis County

Oakville	04	1410CST			0	0			Hail (1.00)
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Amateur radio spotters reported hail up to 1 inch in south St. Louis County.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, East									
St. Louis County									
Fenton	04	1403CST			0	0			Hail (0.75)
			Amateur radio spotters reported 3/4 inch hail.						
St. Louis County									
Affton	04	1410CST			0	0			Hail (1.00)
			Amateur radio spotters reported 1 inch hail.						
St. Louis County									
Oakville	04	1430CST			0	0			Hail (0.75)
			Storm spotters reported 3/4 inch hail in south St. Louis County.						
Jefferson County									
House Spgs	04	1440CST			0	0			Hail (0.75)
			Storm spotters reported 3/4 inch hail.						
St. Louis County									
Lemay	04	1441CST			0	0			Hail (1.00)
St. Louis County									
Oakville	04	1443CST			0	0			Hail (1.75)
			Hail up to golfball size was reported by storm spotters across parts of south St. Louis County.						
Gasconade County									
Hermann	04	1450CST			0	0			Hail (1.00)
			Storm spotters reported 1 inch hail.						
St. Charles County									
O Fallon	04	1530CST			0	0			Hail (0.75)
			Amateur radio spotters reported 3/4 inch hail.						
St. Louis County									
Fenton	04	1605CST			0	0			Hail (0.75)
			Storm spotters reported 3/4 inch hail.						
St. Louis County									
Crestwood	04	1610CST			0	0			Hail (0.75)
			Amateur radio spotters reported 3/4 inch hail at Lindbergh and Sappington roads.						
St. Louis County									
Crestwood	04	1614CST			0	0			Hail (0.88)
			Storm spotters reported nickel size hail in the Concord Village area.						
Jefferson County									
High Ridge	04	1615CST			0	0			Hail (1.75)
			The County Sheriff reported hail up to golfball size.						
St. Louis County									
Creve Coeur	04	1615CST			0	0			Thunderstorm Wind (G55)
			The St. Louis County Police reported power lines downed by broken tree limbs.						
Ste. Genevieve County									
Weingarten	04	1700CST			0	0			Hail (0.88)
			The County Sheriff reported nickel size hail covered the ground.						
Warren County									
Wright City	24	1410CST			0	0			Hail (1.00)
			Storm spotters reported 1 inch hail.						
Lincoln County									
Troy	24	1430CST			0	0			Hail (1.00)
			An off duty NWS employee reported 1 inch hail.						
Moniteau County									
2 SW Clarksburg	24	1927CST			0	0			Hail (0.88)
			The County Sheriff reported nickel size hail at Highway 50 and County Road E.						
Callaway County									
Fulton	28	0830CST			0	0			Lightning
			Lightning struck a 69 kilovolt transmission line knocking out power to about 60 percent of town. Power was quickly restored to most of the town within about 5 minutes while some areas were out of power up to an hour.						
Madison County									
Mine La Motte	29	1540CST			0	0			Hail (0.88)
			Storm spotters reported nickel size hail.						

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MISSOURI, East</u>									
Jefferson County									
House Spgs	29	1600CST			0	0			Hail (0.88)
Jefferson County									
High Ridge	29	1610CST			0	0			Hail (1.75)
Jefferson County									
4 NE Otto	29	1615CST			0	0			Hail (1.00)
Hail ranging from nickel to golf ball size fell across north Jefferson County.									
St. Louis County									
Fenton	29	1628CST			0	0			Hail (0.88)
Storm spotters reported nickel size hail.									
St. Louis County									
Kirkwood	29	1650CST			0	0			Hail (0.75)
St. Louis County									
Webster Groves	29	1650CST			0	0			Hail (0.75)
Storm spotters reported 3/4 inch hail in the Kirkwood/Webster Groves area.									
St. Louis County									
Clayton	29	1705CST			0	0			Hail (1.00)
St. Louis County									
Clayton	29	1710CST			0	0			Hail (0.75)
St. Louis County									
Clayton	29	1712CST			0	0			Hail (0.75)
Hail up to 1 inch fell in Clayton of St. Louis County.									
St. Louis County									
Creve Coeur	29	1715CST			0	0			Hail (0.75)
Storm spotters reported 3/4 inch hail.									
St. Louis County									
2 N Clayton	29	1720CST			0	0			Hail (0.75)
Amateur radio spotters reported 3/4 inch hail.									
Franklin County									
Union	29	1725CST			0	0			Hail (0.75)
Storm spotters reported 3/4 inch hail.									
Washington County									
Potosi	29	1730CST			0	0			Hail (0.75)
Storm spotters reported 3/4 inch hail.									
St. Louis County									
Berkeley	29	1735CST			0	0			Hail (0.88)
St. Louis County									
Ferguson	29	1740CST			0	0			Hail (0.88)
Storm spotters reported nickel size hail in Berkeley and Ferguson.									
Iron County									
3 S Ironton	29	1740CST			0	0			Hail (1.75)
The County Sheriff reported golf ball size hail just south of Ironton.									
<u>MISSOURI, Lower</u>									
Pemiscot County									
Cooter	04	2140CST 2145CST			0	0	5K		Thunderstorm Wind (G55)
Some power lines were knocked down.									
Pemiscot County									
Hayti	06	1223CST 1230CST			0	0	0.10K		Hail (1.00)
Dunklin County									
Clarkton	06	1230CST 1235CST			0	0	0.05K		Hail (0.88)
Dunklin County									
Holcomb to Clarkton	24	2047CST 2100CST			0	0	0.10K		Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MISSOURI, Lower</u>									
Dunklin County									
Campbell to Frisbee	24	2148CST 2155CST			0	0	0.06K		Hail (0.88)
Dunklin County									
Cardwell to Senath	24	2240CST 2300CST			0	0	0.25K		Hail (1.00)
Pemiscot County									
Hayti	29	1623CST 1630CST			0	0	0.15K		Hail (1.00)
Pemiscot County									
Hayti	29	1705CST 1710CST			0	0	0.10K		Hail (1.00)
<u>MISSOURI, Northeast</u>									
Scotland County									
4 N Crawford	30	2104CST			0	0	100K		Hail (1.75)
<u>MISSOURI, Northwest</u>									
Platte County									
4 E Camden Pt	04	0200CST			0	0	3.5K		Thunderstorm Wind (G61)
Roof of garage blown off...several tree limbs down up to 8 to 12 inches in diameter. Shingles also blown off home.									
MOZ037									
Jackson									
	15	1500CST			1	0			Strong Wind
A tree trimmer was fatally electrocuted in South Kansas City around 3 pm. He was in a tree when a wind gust caused a power line to swing into the tree. M30OT									
Atchison County									
Tarkio	15	1632CST			0	0	1K		Thunderstorm Wind (G52)
Numerous tree limbs and power lines down with widespread power outages in Tarkio.									
Atchison County									
Rockport	15	1640CST			0	0			Thunderstorm Wind (G52)
Several 1 to 3 foot diameter trees reported down.									
Atchison County									
Westboro	15	1650CST			0	0			Hail (1.00)
Atchison County									
Westboro	15	1650CST			0	0			Thunderstorm Wind (G52)
Clay County									
Smithville	18	2115CST			0	0			Hail (1.00)
Clay County									
Liberty	18	2127CST			0	0			Hail (0.75)
Cass County									
Belton	19	1829CST			0	0			Hail (1.00)
Jackson County									
Lees Summit	19	1835CST			0	0			Hail (0.75)
Jackson County									
Blue Spgs	19	1848CST			0	0			Hail (1.25)
Jackson County									
Blue Spgs	19	1850CST			0	0			Hail (1.00)
Jackson County									
Blue Spgs	19	1851CST			0	0			Hail (1.75)
Bates County									
1 N Passaic	19	1908CST			0	0			Hail (0.75)
Johnson County									
2 N Centerview	24	1300CST			0	0			Hail (0.88)
Jackson County									
Lees Summit	24	1406CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

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									
Jackson County									
Lees Summit	24	1436CST			0	0			Hail (0.75)
Jackson County									
Lees Summit	24	1444CST			0	0			Hail (1.75)
Jackson County									
Lees Summit	24	1449CST			0	0			Hail (0.88)
Jackson County									
Lees Summit	24	1455CST			0	0			Hail (1.00)
Jackson County									
Grain Vly	24	1500CST			0	0			Hail (0.88)
Lafayette County									
Odessa	24	1607CST			0	0			Hail (0.88)
Lafayette County									
4 SW Aullville	24	1654CST			0	0			Hail (0.88)
Lafayette County									
Concordia	24	1700CST			0	0			Hail (0.75)
Henry County									
2 E Deepwater	24	1710CST			0	0			Hail (0.75)
Johnson County									
Fayetteville	24	1715CST			0	0			Hail (1.00)
Johnson County									
5 N Warrensburg	24	1722CST			0	0			Hail (0.88)
Henry County									
Tightwad	24	1740CST			0	0			Hail (0.75)
Pettis County									
3 SE Manila	24	1755CST			0	0			Hail (1.00)
Pettis County									
3 SE Manila	24	1803CST			0	0			Hail (0.88)
Buchanan County									
St Joseph	28	0230CST			0	0			Hail (0.88)
Buchanan County									
Easton	28	0305CST			0	0			Hail (0.75)
De Kalb County									
5 W Stewartville	28	0305CST			0	0			Hail (0.88)
Clinton County									
4 W Cameron	28	0345CST			0	0			Hail (1.75)
Clinton County									
Cameron	28	0353CST			0	0			Hail (0.88)
Clinton County									
Plattsburg	28	0413CST			0	0			Hail (0.88)
Caldwell County									
Hamilton	28	0417CST			0	0			Hail (0.88)
Clinton County									
Lathrop	28	0430CST			0	0			Hail (1.00)
Livingston County									
Mooreville	28	0500CST			0	0			Hail (0.75)
Ray County									
2 NE Taitsville	28	0505CST			0	0			Hail (0.75)
Jackson County									
Blue Spgs	28	0510CST			0	0			Hail (0.75)
Jackson County									
Grain Vly	28	0520CST			0	0			Hail (1.25)
Jackson County									
Sibley	28	0526CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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									
Platte County									
Weston	28	0530CST			0	0			Hail (0.75)
Clinton County									
Plattsburg	28	0540CST			0	0			Hail (0.88)
Carroll County									
Norborne	28	0610CST			0	0			Hail (0.88)
Lafayette County									
1 N Higginsville	28	0614CST			0	0			Hail (0.88)
Lafayette County									
Waverly	28	0633CST			0	0			Hail (0.75)
Chariton County									
Salisbury	28	0705CST			0	0			Hail (0.75)
Saline County									
Marshall	28	0720CST			0	0			Hail (0.88)
Howard County									
10 SW Fayette	28	0725CST			0	0			Hail (0.88)
Randolph County									
1 N Huntsville	28	0730CST			0	0			Hail (0.75)
Pettis County									
3 S Sedalia	28	0750CST			0	0			Hail (0.75)
Pettis County									
Sedalia	28	0835CST			0	0			Hail (0.88)
De Kalb County									
3 E Union Star	30	0720CST			0	0			Hail (0.75)
Grundy County									
3 SE Spickard	30	0810CST			0	0			Hail (0.88)
Holt County									
1 N Craig	30	1615CST			0	0			Hail (0.88)
Atchison County									
7 SE Fairfax	30	1625CST			0	0			Hail (0.75)
Nodaway County									
2 S Burlington Jct	30	1700CST			0	0			Hail (0.75)
Nodaway County									
Wilcox	30	1702CST			0	0			Hail (0.75)
Nodaway County									
Maryville	30	1709CST			0	0			Hail (1.00)
Buchanan County									
(Stj)St Joseph Mem A	30	1712CST			0	0			Hail (0.88)
Nodaway County									
1 NW Ravenwood	30	1728CST			0	0			Hail (1.75)
Andrew County									
10 SE Amazonia	30	1730CST			0	0			Hail (0.75)
Worth County									
Grant City	30	1730CST			0	0			Hail (1.75)
Platte County									
Weston	30	1750CST			0	0			Hail (0.75)
Worth County									
Denver	30	1750CST			0	0			Hail (1.75)
Harrison County									
Hatfield	30	1755CST			0	0			Hail (0.75)
Platte County									
1 W Dearborn	30	1801CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Northwest									
Gentry County									
12 NE Albany to 13 NE Albany	30	1804CST 1805CST	1	50	0	0			Tornado (F0)
Tornado touched down in open country 12 miles northeast of Albany near the Harrison county line. It then moved northeast into Harrison county. Viewed by storm chaser and videotaped.									
Harrison County									
6 N Eagleville	30	1804CST			0	0			Hail (1.75)
Harrison County									
7 N New Hampton to 8 NNE New Hampton	30	1805CST 1806CST	1	50	0	0			Tornado (F0)
Tornado crossed into the county from Gentry county. Viewed by storm chaser and videotaped in open country.									
Platte County									
Dearborn	30	1805CST			0	0			Hail (1.00)
Buchanan County									
7 S Frazier	30	1815CST			0	0			Hail (0.75)
Platte County									
5 NNW Weston to 5 N Weston	30	1815CST 1816CST	1	50	0	0			Tornado (F0)
Tornado touchdown in open country, noted by trained spotters near Snow Creek ski resort. Also visible by KCI tower personnel.									
Gentry County									
Carmack	30	1820CST			0	0			Hail (0.75)
Harrison County									
2 W Ridgeway to 3 WSW Cainsville	30	1822CST 1832CST	10	100	0	0	2.5K		Tornado (F0)
Tornado tracked from I-35 and A Highway junction, east-northeast to Cainsville. Minor damage noted to power lines and transformer near Ridgeway. Trained spotter also videotaped tornado.									
Gentry County									
5 E Albany	30	1825CST			0	0			Hail (1.00)
Platte County									
Edgerton	30	1827CST			0	0			Hail (0.88)
Harrison County									
New Hampton	30	1835CST			0	0			Hail (1.00)
Platte County									
3 W Edgerton to 3 WNW Edgerton	30	1835CST 1836CST	0.2	25	0	0			Tornado (F0)
Brief tornado touchdown in field along Z highway near I-29. Reported sheriffs office spotter.									
Gentry County									
King City	30	1837CST			0	0			Hail (1.00)
Gentry County									
5 W Albany	30	1840CST			0	0			Hail (1.00)
Clinton County									
Plattsburg	30	1845CST			0	0			Hail (0.88)
Gentry County									
Darlington	30	1845CST			0	0			Hail (0.75)
Harrison County									
Bethany	30	1847CST			0	0			Hail (1.50)
Clinton County									
Plattsburg	30	1850CST			0	0			Hail (1.75)
Gentry County									
King City	30	1850CST			0	0			Hail (0.75)
Harrison County									
1 N New Hampton	30	1853CST			0	0			Hail (1.75)
Mercer County									
9 W Princeton	30	1856CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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									
Harrison County									
New Hampton	30	1857CST			0	0			Hail (2.75)
Mercer County									
9 N Princeton	30	1857CST			0	0			Hail (0.75)
Andrew County									
Cosby	30	1859CST			0	0			Hail (0.75)
Buchanan County									
(Stj)St Joseph Mem A	30	1900CST			0	0			Hail (0.88)
Clinton County									
2 W Lathrop	30	1902CST			0	0			Hail (1.25)
Clinton County									
Lathrop	30	1903CST			0	0			Hail (1.00)
Clinton County									
Lathrop	30	1910CST			0	0			Hail (1.75)
Buchanan County									
Easton	30	1915CST			0	0			Hail (0.75)
Buchanan County									
7 S Frazier	30	1915CST			0	0			Hail (0.75)
Harrison County									
Bethany	30	1915CST			0	0			Hail (1.75)
Caldwell County									
4 W Kingston	30	1926CST			0	0			Hail (0.75)
De Kalb County									
Clarksdale	30	1926CST			0	0			Hail (1.00)
Andrew County									
Cosby	30	1928CST			0	0			Hail (1.75)
De Kalb County									
Amity	30	1938CST			0	0			Hail (1.00)
Mercer County									
5 ESE Modena	30	1943CST			0	0			Hail (1.00)
De Kalb County									
Maysville	30	1946CST			0	0			Hail (0.75)
Mercer County									
10 W Princeton	30	1949CST			0	0			Hail (1.00)
Harrison County									
New Hampton	30	1955CST			0	0			Hail (0.75)
Putnam County									
3 N Lemons to 3 NE Lemons	30	1955CST 1958CST	2	50	0	0			Tornado (F0)
Tornado reported by spotter in open country.									
De Kalb County									
Stewartsville	30	2011CST			0	0			Hail (0.88)
De Kalb County									
Osborn	30	2020CST			0	0			Hail (1.00)
Clinton County									
2 W Cameron	30	2026CST			0	0			Hail (0.88)
Daviess County									
6 SW Winston	30	2028CST			0	0			Thunderstorm Wind (G52)
Daviess County									
Gallatin	30	2035CST			0	0			Hail (0.75)
Jackson County									
Kansas City	30	2040CST			0	0			Hail (0.88)
Schuyler County									
Lancaster	30	2040CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MISSOURI, Northwest</u>									
Jackson County									
Kansas City	30	2042CST			0	0			Hail (1.75)
De Kalb County									
11 ENE Osborn	30	2045CST			0	0			Hail (0.75)
Jackson County									
Independence	30	2045CST			0	0			Hail (0.75)
Schuyler County									
3 NW Greentop to 3 NE Greentop	30	2053CST 2100CST	6	300	0	0			Tornado (F0)
Tornado captured on video by KTVO news crew in open country. It was as much as 1/4 mile wide at times and occurred in open country.									
Caldwell County									
Hamilton	30	2100CST			0	0			Hail (0.88)
Livingston County									
Chillicothe	30	2135CST			0	0			Hail (0.75)
Livingston County									
Chula	30	2137CST			0	0			Hail (0.75)
Ray County									
2 N Knoxville	30	2153CST			0	0			Hail (1.00)
Bates County									
2 N Rich Hill	30	2225CST			0	0			Hail (0.75)
<u>MISSOURI, Southeast</u>									
Carter County									
Fremont to Van Buren	04	1639CST 1645CST			0	0			Hail (0.75)
Carter County									
7 E Van Buren	04	1755CST			0	0			Hail (1.00)
Ripley County									
Doniphan	04	1900CST			0	0			Hail (0.88)
Butler County									
5 SW Poplar Bluff to 9 S Poplar Bluff	04	1906CST 1914CST			0	0			Hail (0.88)
Butler County									
Poplar Bluff	04	1921CST 1929CST			0	0			Hail (1.75)
Stoddard County									
2 W Dexter	04	1930CST			0	0			Hail (1.25)
Scott County									
.5 NW Sikeston	04	1957CST			0	0			Hail (0.75)
Stoddard County									
Dexter to 5.5 SE Dexter	04	1958CST			0	0			Hail (1.75)
Stoddard County									
10 SE Dexter	04	1959CST			0	0			Funnel Cloud
New Madrid County									
Morehouse	04	2017CST			0	0			Hail (0.75)
Stoddard County									
Charter Oak	04	2026CST			0	0			Hail (1.00)
Severe thunderstorms produced large hail at numerous locations across southeast Missouri, mainly along and south of U.S. Highway 60. The largest and most damaging hailstorms were from Poplar Bluff to Dexter. Hail ranging from dime to golf-ball size covered the ground in Poplar Bluff, especially the southern end of the city. Quarter to golf-ball size hail occurred in and near Dexter. Vehicles were dented and windshields were cracked. Wind gusts to 50 MPH were measured in the Dexter area. An awning was torn off a home on State Route 25. The most intense thunderstorm of the night displayed supercellular characteristics as it passed near Dexter. A funnel cloud was reported about 10 miles southeast of Dexter.									
Carter County									
1 E Van Buren	06	0945CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Southeast									
Stoddard County									
Dexter	06	1254CST			0	0			Hail (0.75)
Pea to dime size hail covered the ground at Van Buren and Dexter.									
MOZ087-109-111 Cape Girardeau - Butler - Scott									
	16	0900CST 1300CST			0	0	6K		Strong Wind
Gusty south winds of 40 to 50 MPH across southeast Missouri brought down some tree limbs and trees. A 5-foot diameter tree, estimated to be 100 feet tall, was blown down in Sikeston. Sikeston public works employees cleaned up over a dozen fallen trees. Peak wind gusts at the Cape Girardeau Airport were measured at 44 MPH. At Poplar Bluff, the strong winds caused extensive power outages that left about half the city without power. A severed power line created a small grass fire in Poplar Bluff. A sign was blown over onto a parked truck. A few trees and power lines were blown down in the city of Cape Girardeau.									
Stoddard County									
6 ENE Bernie	16	2100CST			0	0	35K		Thunderstorm Wind (G61)
A thunderstorm wind gust blew down a machine shed on a farm off County Road 766. Based on a National Weather Service damage survey, peak winds of 65 to 70 MPH destroyed the 50 by 45 foot structure.									
Bollinger County									
Sedgewickville	24	1540CST			0	0			Hail (0.75)
Dime size hail covered the ground.									
Perry County									
2 NE Biehle	24	1555CST			0	0			Hail (0.75)
Ripley County									
Poynor	24	2032CST			0	0			Hail (1.75)
Butler County									
9 S Poplar Bluff	24	2133CST			0	0			Hail (0.75)
A severe thunderstorm produced large hail as it moved northeast from Arkansas across southern Ripley County, then east along the southern border of Butler County. The largest hail, up to golf ball size, fell over southwest and south central Ripley County. The storm weakened over southern Butler County, producing hail only to the size of dimes.									
Cape Girardeau County									
Fruitland	24	2041CST			0	0			Hail (0.88)
New Madrid County									
Portageville	24	2228CST			0	0			Hail (0.75)
Wayne County									
2 N Piedmont	25	0506CST			0	0			Hail (1.00)
Cape Girardeau County									
Jackson	25	0730CST			0	0	2K		Lightning
Lightning struck the power lines supplying the Jackson police and fire headquarters. The communications and computer capabilities of the public safety departments were negatively impacted.									
Bollinger County									
Bessville to Patton	25	1030CST 1400CST			0	0	2K		Heavy Rain
Cape Girardeau County									
Jackson to Cape Girardeau	25	1100CST 1430CST			0	0	2K		Flash Flood
Low water crossings on several county roads in northern Bollinger County were impassable as a result of heavy rain. One low water crossing on County Road 350 was washed out. Road crews repaired it within a few days. A low water bridge on County Road 848 near Bessville was covered by fast-moving water from Crooked Creek. Thunderstorm rains closed down nine Cape Girardeau streets, and at least one motorist was stranded. In Jackson, water leaked into the basement of the city's police and fire department headquarters.									
Mississippi County									
2 SE Charleston	25	1150CST			0	0			Funnel Cloud
A narrow rope-like funnel was observed in the Charleston area. The funnel cloud was photographed from the city. It was reportedly snaking in and out of the parent cloud, and extended as much as 60 percent of the way to the ground. No thunderstorms were occurring in the vicinity of the funnel cloud, which formed beneath very cold air aloft associated with an upper level low.									
Perry County									
2 W Silver Lake to Silver Lake	29	1442CST 1454CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2003

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, Southeast</u>									
Perry County									
Silver Lake	29	1534CST			0	0			Thunderstorm Wind (G52)
Perry County									
2 W Silver Lake	29	1615CST 1645CST			0	0			Flash Flood
Bollinger County									
Patton	29	1622CST			0	0			Hail (0.88)
Bollinger County									
Patton	29	1630CST 1700CST			0	0			Flash Flood
Cape Girardeau County									
3 E Oak Ridge	29	1656CST			0	0			Hail (1.75)
A complex of severe thunderstorms moved slowly eastward, affecting western Perry, northern Bollinger, and northern Cape Girardeau Counties. These storms produced large hail, up to the size of golf balls at the Oak Ridge exit of Interstate 55 and near Silver Lake. Large tree limbs were blown down in Silver Lake. Flash flooding occurred in western Perry and northern Bollinger Counties. Water was over several roads near Patton, including Highway 72 in the area of HH Highway. Water was over Highway T west of Silver Lake.									
New Madrid County									
2 E Portageville	29	1640CST			0	0			Hail (1.75)
New Madrid County									
3 E Marston	29	1730CST			0	0	2K		Hail (1.00)
Scott County									
Scott City	29	1750CST			0	0			Hail (1.00)
Scott County									
3 NW Sikeston	29	1835CST			0	0			Hail (1.75)
Wayne County									
2 N Silva	29	1944CST			0	0			Hail (1.00)
Wayne County									
Wappapello	29	2027CST			0	0			Hail (0.75)
Severe thunderstorms produced large hail at several locations in southeast Missouri. Golf ball size hail was reported 2 miles east of Portageville and along County Road 452 a few miles northwest of Sikeston. The other reports were of dime to quarter size hail. A vehicle was damaged by hail a few miles east of Marston, along the Mississippi River.									
<u>MISSOURI, Southwest</u>									
Laclede County									
2 W Lebanon	04	1500CST			0	0			Hail (0.88)
Ozark County									
Gainesville	04	1604CST			0	0			Hail (0.75)
Shannon County									
6 NE Winona	04	1615CST			0	0			Hail (0.75)
Shannon County									
Eminence	04	1621CST			0	0			Hail (0.75)
Howell County									
Mountain View	04	1623CST			0	0			Hail (0.75)
Shannon County									
Winona	04	1710CST			0	0			Hail (0.75)
McDonald County									
Noel	06	0651CST			0	0			Hail (1.00)
Stone County									
Blue Eye	06	0720CST			0	0			Hail (0.75)
Taney County									
Forsyth	06	0735CST			0	0			Hail (0.75)
Lawrence County									
Aurora	06	0840CST			0	0			Hail (0.75)
Christian County									
Ozark	06	0925CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Southwest									
Wright County									
3 S Mansfield	06	0925CST			0	0			Hail (0.75)
Newton County									
Diamond	06	1000CST			0	0			Thunderstorm Wind (G65)
Wright County									
Mansfield	06	1015CST			0	0			Hail (0.88)
Ozark County									
Isabella	06	1050CST			0	0			Hail (1.00)
Douglas County									
Goodhope	06	1111CST			0	0			Hail (0.75)
Howell County									
Willow Spgs	06	1115CST			0	0			Hail (0.75)
Jasper County									
1 N Joplin	06	1130CST			0	0			Hail (0.88)
Jasper County									
4 N Alba	06	1130CST			0	0			Thunderstorm Wind (G65)
Newton County									
2 W Redings Mill	06	1130CST			0	0			Hail (0.75)
Dade County									
Greenfield	06	1132CST			0	0			Hail (1.00)
Dade County									
7 W Lockwood	06	1200CST			0	0			Hail (0.88)
Lawrence County									
Mt Vernon	06	1200CST			0	0			Thunderstorm Wind (G65)
Jasper County									
Alba	06	1210CST			0	0			Thunderstorm Wind (G65)
Barton County									
7 S Lamar	06	1215CST			0	0			Hail (0.88)
Cedar County									
Wagoner	06	1228CST			0	0			Hail (0.75)
Polk County									
Humansville	06	1249CST			0	0			Hail (1.00)
Cedar County									
Olympia	06	1250CST			0	0			Hail (0.75)
St. Clair County									
Osceola	06	1250CST			0	0			Hail (0.88)
Camden County									
Macks Creek	06	1310CST			0	0			Hail (0.75)
Hickory County									
Elkton	06	1315CST			0	0			Hail (0.88)
Hickory County									
Hermitage	06	1330CST			0	0			Hail (0.88)
St. Clair County									
Collins	06	1355CST			0	0			Hail (0.88)
Benton County									
Knobby	06	1357CST			0	0			Hail (0.75)
Cedar County									
Olympia	06	1400CST			0	0			Hail (0.75)
Morgan County									
Stover	06	1415CST			0	0			Hail (0.75)
Miller County									
Iberia	06	1420CST			0	0			Hail (0.75)
Benton County									
6 N Warsaw	06	1450CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Southwest									
Laclede County									
6 E Conway	06	1503CST			0	0			Hail (0.75)
Benton County									
Warsaw	06	1525CST			0	0			Hail (1.00)
Benton County									
3 W Warsaw	06	1527CST			0	0			Hail (1.75)
Morgan County									
Rocky Mt	06	1600CST			0	0			Hail (0.75)
Hickory County									
Cross Timbers	06	1610CST			0	0			Hail (0.75)
Miller County									
Marys Home	06	1610CST			0	0			Hail (0.75)
Camden County									
Osage Beach	06	1613CST			0	0			Hail (1.75)
Camden County									
2 N Camdenton	06	1615CST			0	0			Hail (2.75)
Camden County									
Montreal	06	1620CST			0	0			Hail (1.00)
Polk County									
Polk	06	1622CST			0	0			Hail (0.75)
Camden County									
Linn Creek	06	1626CST			0	0			Hail (1.75)
Dade County									
Everton	06	1700CST			0	0			Thunderstorm Wind (G65)
Cedar County									
El Dorado Spgs	19	2000CST			0	0			Hail (0.75)
Vernon County									
Milo	19	2000CST			0	0			Hail (0.75)
Benton County									
Lincoln	19	2050CST			0	0			Hail (0.75)
Jasper County									
Asbury	19	2225CST			0	0			Hail (1.00)
Barton County									
1 W Boston	19	2248CST			0	0			Hail (1.75)
Ozark County									
5 W Isabella	19	2321CST			0	0			Thunderstorm Wind (G60)
Taney County									
Mc Clurg	24	1629CST			0	0			Hail (1.75)
Ozark County									
2 W Toledo	24	1630CST			0	0			Hail (1.75)
Douglas County									
Smallett	24	1648CST			0	0			Hail (1.00)
Douglas County									
5 SW Ava	24	1659CST			0	0			Hail (1.75)
Douglas County									
Goodhope	24	1701CST			0	0			Hail (0.88)
St. Clair County									
Appleton City	24	1702CST			0	0			Hail (0.75)
Douglas County									
5 NW Ava	24	1724CST			0	0			Hail (1.75)
Wright County									
2 N Cedar Gap	24	1724CST			0	0			Hail (1.00)
St. Clair County									
Iconium	24	1727CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Southwest									
Wright County									
Cedar Gap	24	1730CST			0	0			Hail (1.75)
Ozark County									
Pontiac	24	1735CST			0	0			Hail (0.75)
Benton County									
Ionia	24	1750CST			0	0			Hail (1.00)
Hickory County									
Quincy	24	1759CST			0	0			Hail (1.00)
Wright County									
9 N Hartville	24	1759CST			0	0			Hail (0.75)
Wright County									
Mountain Grove	24	1810CST			0	0			Thunderstorm Wind (G65)
Benton County									
6 E Edwards	24	1829CST			0	0			Hail (1.00)
Texas County									
Elk Creek	24	1830CST			0	0			Hail (0.75)
Benton County									
Knobby	24	1835CST			0	0			Hail (1.00)
Ozark County									
Wasola	24	1841CST 2000CST			0	0			Flash Flood
All low water crossings and numerous roads flooded from slow moving storms.									
Howell County									
5 S Willow Spgs	24	1845CST			0	0			Hail (0.75)
Wright County									
6 E Hartville	24	1845CST			0	0			Hail (0.75)
Douglas County									
Vanzant	24	1850CST 2030CST			0	0			Flash Flood
Slow moving thunderstorms caused several roads to flood in and near the city of Vanzant.									
Morgan County									
Stover	24	1900CST			0	0			Hail (1.00)
Oregon County									
Thayer	24	1922CST			0	0			Hail (0.75)
Polk County									
5 SW Bolivar	24	1925CST			0	0			Hail (0.88)
St. Clair County									
Collins	24	1927CST			0	0			Hail (0.75)
Camden County									
7 E Climax Spgs	24	1930CST			0	0			Thunderstorm Wind (G65)
Texas County									
5 W Summersville	24	1930CST			0	0			Hail (1.00)
Morgan County									
10 S Gravois Mills	24	1934CST			0	0			Hail (0.75)
Greene County									
Ebenezer	24	1942CST			0	0			Hail (0.88)
Hickory County									
Elkton	24	1942CST			0	0			Hail (0.75)
Polk County									
6 S Adonis	24	1945CST			0	0			Hail (1.00)
Christian County									
6 S Nixa	24	1957CST			0	0			Hail (1.25)
Hickory County									
4 N Hermitage	24	2000CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Southwest									
Greene County									
Springfield	24	2001CST			0	0			Hail (0.75)
Camden County									
1 W Climax Spgs	24	2009CST 2230CST			0	0			Flash Flood
Camden County									
Climax Spgs	24	2100CST 2230CST			0	0			Flash Flood
Thunderstorms that trained over areas of western Camden and southeastern Benton counties caused water to flood portions of Highway 7 near Climax Springs. Several roads within the city of Climax Springs were also inundated.									
Dallas County									
March	24	2010CST			0	0			Hail (0.75)
Christian County									
Ozark	24	2012CST			0	0			Hail (0.75)
Morgan County									
Gravois Mills	24	2015CST			0	0			Hail (1.00)
Polk County									
Polk	24	2015CST			0	0			Hail (0.88)
Greene County									
Turners	24	2017CST			0	0			Hail (0.75)
Miller County									
Mt Pleasant	24	2030CST			0	0			Hail (1.75)
Benton County									
Edwards	24	2030CST 2230CST			0	0			Flash Flood
Thunderstorms that trained over areas of southeastern Benton county caused several roads to become inundated within the community of Edwards.									
Webster County									
Fordland	24	2049CST			0	0			Hail (1.00)
Christian County									
Keltner	24	2050CST			0	0			Hail (0.88)
Webster County									
Diggins	24	2109CST			0	0			Hail (1.25)
Webster County									
1 E Seymour	24	2116CST			0	0			Hail (1.50)
Wright County									
2 W Hartville	24	2145CST			0	0			Hail (0.75)
Morgan County									
Stover	28	0712CST			0	0			Hail (0.75)
Morgan County									
Florence	28	0735CST			0	0			Hail (0.88)
Miller County									
Olean	28	0905CST			0	0			Hail (0.75)
Laclede County									
5 SW Lynchburg	28	1350CST			0	0			Hail (0.88)
Wright County									
Mountain Grove	28	1420CST			0	0			Hail (1.50)
Texas County									
5 NW Dunn	28	1430CST			0	0			Hail (1.00)
Texas County									
5 N Fairview	28	1455CST			0	0			Hail (0.75)
Texas County									
5 S Simmons	28	1525CST			0	0			Hail (0.75)
Wright County									
7 N Mountain Grove	28	1530CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MISSOURI, Southwest</u>									
Texas County									
2 N Cabool	28	1543CST			0	0			Hail (1.75)
Howell County									
5 SW Willow Spgs	28	1547CST			0	0			Hail (1.75)
Howell County									
Mountain View	28	1610CST			0	0			Hail (2.75)
Wright County									
Mountain Grove	28	1624CST			0	0			Hail (0.75)
Howell County									
Willow Spgs	28	1643CST			0	0			Hail (1.75)
Howell County									
Willow Spgs	28	1715CST			0	0			Hail (0.88)
Texas County									
5 S Cabool	28	1715CST			0	0			Hail (1.75)
Douglas County									
5 N Vanzant	28	1730CST			0	0			Hail (0.75)
Howell County									
Willow Spgs	28	1737CST			0	0			Hail (0.88)
Douglas County									
5 NW Twin Bridges	28	1749CST			0	0			Hail (0.75)
Howell County									
Willow Spgs	28	1750CST			0	0	30K		Thunderstorm Wind (G75)
Straight line winds blew the roof off of an old 7-UP bottling company building. Along with the structural damage, numerous trees and power lines were downed.									
Howell County									
2 NW Willow Spgs	28	1930CST 2130CST			0	0			Flash Flood
Slow moving thunderstorms allowed flood waters to inundate Old Springfield Road.									
Polk County									
6 S Bolivar	28	2100CST			0	0			Hail (0.75)
Christian County									
2 N Chestnutridge	29	1425CST			0	0			Hail (0.75)
Ozark County									
3 E Gainesville	29	1550CST			0	0			Hail (0.88)
Phelps County									
St James	29	1550CST			0	0			Hail (0.75)
<u>MONTANA, Central</u>									
MTZ047									
Blaine									
01		0834MST			0	0			High Wind (G51)
A wind gust of 59 mph occurred at Chinook 11S.									
MTZ044									
Toole									
02		1428MST			0	0			High Wind (G56)
A wind gust of 64 mph occurred at Gold Butte 7N.									
MTZ009>010-012-044-048									
North Rocky Mountain Front - Eastern Glacier - Cascade - Toole - Southern Rocky Mountain Front									
09		0800MST 1900MST			0	0			High Wind (G58)
A high wind event occurred over a portion of North Central Montana on the 9th. The winds were strongest over the Rocky Mountain Front during the mid to late morning hours. The winds began to diminish in intensity during the evening hours.									
Here is a list of some of the peak wind speeds reported:									
Lincoln 25N 86 mph at 0200 MST; Babb 82 mph at 1430 MST; Pendroy 1S 67 mph at 1645 MST; Browning 66 mph at 1600 MST; Cut Bank 62 mph at 1532 MST; East Glacier 2E 61 mph at 1645; Belt 9N 61 mph at 1500; and Sweet Grass 58 mph at 1550.									
MTZ047									
Blaine									
10		1225MST			0	0			High Wind (G51)

Storm Data and Unusual Weather Phenomena

April 2003

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

Liberty County

Chester

A wind gust of 59 mph occurred at Chinook 11S.

11 1700MST **0 0** **Lightning**

A lightning strike occurred at the East Butte tower park on the 11th. This lightning strike caused damage to the transmitter and electrical outlets inside the equipment house. Television signals were knocked off the air for four days.

Cascade County

Great Falls

12 1915MST **0 0** **Hail (1.25)**

A severe thunderstorm produced 1.25 inch hail at Great Falls 5E.

Chouteau County

Carter

12 1955MST **0 0** **Hail (1.00)**

A severe thunderstorm produced 1.00 inch hail at Carter 5W.

Hill County

Havre

12 2144MST **0 0** **Thunderstorm Wind (G52)**

A severe thunderstorm produced a 60 mph wind gust in Havre.

MTZ012-015-050>051-054

Cascade - Madison - Judith Basin - Fergus - Meagher

15 0300MST **0 0** **Winter Storm**

A winter storm affected the mountain areas of Central and Southwest Montana on the 15th. The heaviest snow fell above 5000 feet.

Here is a list of some of the snowfalls for the total storm recorded by SNOTEL data:

Neihart 10S 12 inches; White Sulphur Springs 25 NE 10 inches; Ennis 15NW 9 inches; Lewistown 20SW 9 inches; and Utica 20SW 6 inches.

MTZ012-050>051-054>055

Cascade - Judith Basin - Fergus - Meagher - Gallatin

18 0300MST **0 0** **Winter Storm**
1300MST

A winter storm affected the mountain areas of Central and Southwest Montana on the 18th. The heaviest snow fell above 5000 feet.

Here is a list of some of the snowfalls reported:

12 inches at Neihart 10S; 8 inches at Bozeman 30SW; and 6 inches at Moore 10SE.

Judith Basin County

Stanford

22 1647MST **2 50** **0 0** **Tornado (F1)**
1655MST

A strong thunderstorm moved over Judith Basin County during the early evening hours on the 22nd. A tornado developed 7 miles east of Stanford at 1647 MST. The tornado was on the ground for a few minutes and was very weak. Little damage was reported, but one combine was knocked off its blocks and turned 45 degrees.

Fergus County

Roy

25 1410MST **2 25** **0 0** **Tornado (F0)**
1417MST

A strong thunderstorm moving through Fergus County during the mid afternoon hours on the 25th, produced a tornado 15 miles North of Roy. The tornado began at 1410 MST and was on the ground for 7 minutes. No damage was reported with this tornado.

MTZ012

Cascade

27 1230MST **0 0** **20K** **Strong Wind**

A strong wind gust caused a camper trailer to be blown over, as the vehicle was traveling north on Interstate 15 near Dearborn.

MONTANA, East

NONE REPORTED.

MONTANA, South

MTZ041

Sweet Grass

02 0630MST **0 0** **Heavy Snow**

7 inches of snow 4 miles north of Melville

Carbon County

6 NE Silesia

25 1440MST **0 0** **Hail (1.00)**

Yellowstone County

15 S Billings

25 1515MST **0 0** **Hail (1.00)**

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
MONTANA, West									
MTZ007 Butte / Pintlar Region									
	01	0000MST 1300MST			0	0			Heavy Snow
			Early spring storm brought localized heavy snow to the southwest Montana mountains. Snowfall ranged from 5 to 10 inches with Barker Lakes receiving 10 inches.						
MTZ007 Butte / Pintlar Region									
	17	1315MST			0	0			Heavy Snow
	18	1315MST							
			Heavy mountain snow crossed over the Continental Divide and accumulated up to 8 inches at Georgetown and Barker Lakes.						
MTZ006>007 Bitterroot / Sapphire Mountains - Butte / Pintlar Region									
	29	0700MST			0	0			Heavy Snow
	30	0700MST							
			Spring snow storm brought areas of heavy snow to the mountains of west central and southwest Montana. Snow accumulations ranged from 6 inches at Lolo Hot Springs, 7 inches at Georgetown Lake, to 8 inches at Black Pine in the Sapphire Mountains, and at Peterson Meadows in the Butte/Pintlar Region.						
Missoula County									
1 S Missoula	29	1525MST 1530MST			0	0			Funnel Cloud
			Funnel cloud reported by the general public and severe weather spotters one mile south of Missoula.						
NEBRASKA, Central									
NEZ004>010-022>029-035>038-056>059-069>071-094 Sheridan - Eastern Cherry - Keya Paha - Boyd - Brown - Rock - Holt - Garden - Grant - Hooker - Thomas - Blaine - Loup - Garfield - Wheeler - Arthur - Mcpherson - Logan - Custer - Deuel - Keith - Perkins - Lincoln - Chase - Hayes - Frontier - Western Cherry									
	06	0400CST			0	0			Winter Storm
	07	1000CST							
			A powerful low pressure system pushed out of northeastern Colorado and moved along the Nebraska and Kansas border. Abundant moisture combined with cold air filtering in from the north to produce snow accumulations of 5 to 11 inches. Winds of 15 to 25 mph created blowing and drifting snow with visibilities of 1 mile or less for many hours.						
Frontier County									
18 SW Stockville	14	1715CST			0	0	2K		Hail (1.00)
Holt County									
14 ENE Chambers	15	1900CST			0	0	3K		Hail (1.00)
			Very strong wind was also reported at the location.						
Blaine County									
1 N Dunning to 5 NE Dunning	15	1905CST 1910CST			0	0	1K		Hail (1.00)
Rock County									
Bassett	15	2013CST			0	0			Hail (0.75)
Custer County									
5 S Oconto	18	1540CST			0	0			Hail (0.88)
Custer County									
15 SW Ansley	18	1545CST			0	0	2K		Hail (1.00)
Custer County									
11 SW Ansley to 9 SW Ansley	18	1547CST 1550CST	2	20	0	0	20K		Tornado (F0)
			A tornado tossed irrigation pipe as it crossed a field and then broke off numerous trees and destroyed a metal machine shed as it moved over a farmstead. Metal from the machine shed was twisted around trees and also thrown across the road into an open field. Then as it moved through another open field, it overturned a center pivot irrigation system.						
Custer County									
6 SW Ansley	18	1556CST	0.5	20	0	0	20K		Tornado (F0)
			As the tornado encountered a farmstead, it pushed a detached garage from its foundation, overturned a four-wheel all-terrain vehicle, and threw a metal cattle feeder 100 feet to the other side of the road. It also tore numerous shingles off a roof and broke two windows in the farmhouse. Power poles were also broken.						
Grant County									
6 SSE Whitman	29	1840MST			0	0			Hail (0.75)
			Hail accumulated to a depth of 5 inches.						
Custer County									
8 ENE Ansley	29	2220CST			0	0	4K		Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2003

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

NEBRASKA, Central

Custer County

2 NE Westerville

30 0230CST **0 0** **Hail (0.75)**
Hail completely covered the ground.

NEBRASKA, East

NEZ011>012-015-017>018-030>031-033>034-042>045-050>052

Knox - Cedar - Thurston - Pierce - Wayne - Boone - Madison - Cuming - Burt - Platte - Colfax - Dodge - Washington - Butler - Saunders - Douglas

06 1000CST **0 0** **Winter Storm**
07 0400CST

A late season winter storm brought a heavy wet snow to northeast and parts of east central Nebraska as well as west central Iowa. The snow started Sunday morning, April 6, in east central and northeast Nebraska and west central Iowa. During Sunday afternoon the snow became increasingly widespread across eastern Nebraska north of highway 30, and north of Interstate 80 in west central Iowa. A mix of rain...sleet and snow fell south of that area. Thunderstorms were embedded within the precipitation in the afternoon and evening hours. Much of the mixed precipitation changed to snow over all but far southeast Nebraska and far southwest Iowa by Sunday evening. This storm was the result of low pressure that moved through the Rockies and then out onto the Plains Sunday. The storm was able to tap abundant moisture from the Gulf of Mexico as it moved into the Midwest.

The first report of snowfall reaching 6 inches was received around 700 pm cdt around Albion. Other locations to the north and northeast of that area also began accumulating 6 inches or more from late evening into very early Monday. Slightly warmer temperatures on the southern end of this area melted part of the snow...especially on roads...and kept overall snow depths down. For example Elkhorn had around 7.5 inches of snowfall, but around 5 inches was the most that accumulated. Farther south and east amounts were mostly 5 inches or less, and far southeast Nebraska and far southwest Iowa saw little or no accumulating snow. Much of the accumulating snow had ended around 400 am cdt Monday. Many schools were closed Monday in northeast Nebraska because colder temperatures allowed for higher snow accumulations, especially on roads.

Besides Elkhorn, other larger snow totals in Nebraska included...around a foot in Coleridge, 10.5 inches at Loretto, 9 inches at Schuyler, Lyons, Oakland, Hartington and Newman Grove, 8 inches in Bloomfield, Battle Creek, Dodge, Wayne, Laurel, Creighton, Pender and Albion and 7.5 inches in Bennington, Uehling, Winside and Tekamah.

Richardson County

4 NW Barada

15 1617CST **0 0** **Thunderstorm Wind (G50)**
1648CST

A thunderstorm wind gust estimated at close to 60 mph flattened some plants and grass northwest of Barada.

Platte County

1 S Columbus

18 1850CST **0 0** **Hail (0.88)**

Nemaha County

5 ESE Nemaha

29 0745CST **0 0** **Hail (0.88)**

Boone County

2 SE St Edward

29 1800CST **0 0** **Hail (0.75)**

Platte County

4 NW Columbus

29 1950CST **0 0** **Hail (0.88)**

Platte County

Platte Center

29 1955CST **0 0** **Hail (0.88)**

Platte County

4 NW Columbus

29 1955CST **0 0** **Hail (1.00)**

On highway 81 northwest of town.

Washington County

Blair

29 2310CST **0 0** **Hail (0.75)**

Cuming County

6 SW West Pt

30 0245CST **0 0** **Flash Flood**
0630CST

Rainfall of 2 to 4 inches caused flash flooding on the north branch of Pebble Creek in the Monterey area. The creek flooded a few county roads over a 1/4 to 1/2 mile stretch.

Colfax County

Leigh to
Howells

30 0255CST **0 0** **Flash Flood**
0430CST

Heavy rainfall flooded roads around Leigh and near Maple Creek around Howells. Some flooding was also reported in Howells where 5.5 inches of rain was reported over that night.

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Burt County									
3 SW Oakland	30	0300CST 0500CST			0	0			Flash Flood
	<p>Rainfall of 4.5 to 6.5 inches was reported 3 to 4 miles west of Oakland with 5.37 inches measured in town. This heavy rain developed during the late evening on the 29th and lasted into the 30th in the morning. The rain flooded several tributaries of Logan Creek and flooded across several county roads.</p>								
Dodge County									
Dodge	30	0300CST 0500CST			0	0			Flash Flood
	<p>Thunderstorms dropped heavy rain across much of Dodge county beginning during the evening of the 29th and continuing until just before dawn on the 30th. The heavy rain caused flash flooding along the upper reaches of Pebble Creek near Dodge, flooding Spur 27A near town. Rainfall in Dodge was 4.06 inches, while Scribner to the south received 3.50. Pebble Creek eventually crested at 18.8 feet at Scribner, which is downstream around 12 miles from Dodge, during the late morning hours on April 30th. Flood stage at Scribner is 18 feet.</p>								
Douglas County									
Omaha	30	0340CST			0	0			Hail (0.75)
	<p>In the Dundee area.</p>								
NEZ044	30	1000CST 2345CST			0	0			Flood
	<p>Heavy rainfall during the early morning hours of April 30th caused Maple Creek near Nickerson to flood, with the creek cresting at 11.3 feet during the afternoon on the 30th. Flood stage at Nickerson is 10 feet. Unofficial rainfall totals included around 6 inches at Howells and 4 inches near Dodge, both on the upper reaches of the Maple Creek basin.</p>								
<u>NEBRASKA, Extreme Northeast</u>									
NEZ013>014			Dixon - Dakota						
	06	1700CST			0	0			Heavy Snow
	07	1100CST							
	<p>Wet snow accumulated to 6 to 10 inches. The snowfall caused travel and event delays, including school closings and delays.</p>								
<u>NEBRASKA, Extreme Southwest</u>									
NEZ079>081			Dundy - Hitchcock - Red Willow						
	05	2100MST			0	0			Heavy Snow
	06	1400MST							
	<p>Light snow began during the evening hours of Saturday April 5th and intensified to heavy snow during the overnight hours across eastern Colorado, northwest Kansas and southwest Nebraska. Snow accumulations of 5 to 7 inches occurred across Dundy county, with 5 inch totals common across Hitchcock and Red Willow counties. Snow and blowing snow resulted in reduced visibilities and hazardous travel conditions.</p>								
Red Willow County									
10 NW Mc Cook	15	1600MST			0	0			Hail (0.88)
Hitchcock County									
3 NE Culbertson	15	1605MST			0	0			Hail (0.88)
Red Willow County									
5 W Mc Cook	15	1605MST			0	0			Hail (1.00)
NEZ079>081			Dundy - Hitchcock - Red Willow						
	16	0640MST 1209MST			0	0			High Wind (G56)
	<p>Semi-trailer blown off highway 1 mile east of Trenton on US34. Trailer was empty and truck needed to be towed away. A low pressure area developed over eastern Colorado on April 15th, which then intensified as it moved into western and central Kansas during the morning of April 16th. The strengthening pressure gradient resulted in a period of strong winds, mostly from midnight to noon on the 16th from eastern Colorado into western Kansas and southwest Nebraska. Reports of downed trees, tree limbs and damage to fences were received.</p>								
Dundy County									
Parks	29	0030MST			0	0			Hail (0.75)
	<p>Dime sized hail reached a depth of 2.5 inches at 01:00 am MST.</p>								
Dundy County									
6 N Parks	29	0035MST			0	0			Hail (1.00)
Dundy County									
6 N Parks	29	0035MST			0	0			Thunderstorm Wind (G63)

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April 2003

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									
Haigler	29	2156MST			0	0			Hail (1.50)
Dundy County									
Benkelman	29	2236MST			0	0			Hail (0.75)
Dundy County									
Benkelman	29	2240MST			0	0			Hail (1.00)
Dundy County									
Benkelman	29	2240MST			0	0			Hail (0.75)
		Coop observer report.							
Dundy County									
Benkelman	29	2240MST			0	0			Hail (1.25)
		Time estimated.							
Dundy County									
Benkelman	29	2259MST			0	0			Hail (0.75)
<u>NEBRASKA, South Central</u>									
NEZ039>041-046>049- Valley - Greeley - Nance - Sherman - Howard - Merrick - Polk - Dawson - Buffalo - Hall - Hamilton - York -									
060>064-072>077- Gosper - Phelps - Kearney - Adams - Clay - Fillmore - Furnas - Harlan - Franklin - Webster									
082>085									
	06	0900CST			0	0	0	0	Winter Storm
	07	0000CST							
Though the calendar said April, the scene across much of south-central Nebraska looked more like January. A winter storm pounded the area and dumped from 6 to 13 inches of snow. The heaviest snow fell along and north of Interstate 80. Greeley measured 13 inches of fresh snow. Not far behind were Dannebrog and Wood River with 10 to 11 inches. Amounts in Kearney, Grand Island and Hastings ranged from 6.3 to 8.5 inches. The heavy wet snow brought very beneficial moisture to the region just ahead of the planting season. Water equivalent rates ranged from three-quarters to one and one-half inches.									
Furnas County									
2 S Oxford	15	1615CST			0	0	0	0	Hail (0.75)
Harlan County									
Oxford	15	1620CST			0	0	0	0	Hail (0.88)
Gosper County									
Elwood	15	1905CST			0	0	0	0	Hail (0.75)
Dawson County									
3 SW Eddyville	18	1517CST			0	0	0	0	Funnel Cloud
Dawson County									
15 N Lexington	18	1520CST	0.1	25	0	0	0	0	Tornado (F0)
A brief tornado was observed in open country north of Lexington by a Nebraska State Patrol officer.									
Dawson County									
18 N Lexington	18	1524CST			0	0	0	0	Hail (0.88)
Sherman County									
2 W Ashton	18	1625CST			0	0	0	0	Hail (0.88)
Sherman County									
6 S Loup City	18	1625CST	0.1	25	0	0	0	0	Tornado (F0)
The public reported a brief tornado south of Loup City.									
Sherman County									
3 SE Loup City	18	1640CST	0.1	25	0	0	0	0	Tornado (F0)
Another tornado was spotted for a short time just southeast of Loup City by a deputy sheriff.									
Valley County									
2 N North Loup	18	1655CST	0.1	25	0	0	0	0	Tornado (F0)
A brief tornado was seen by a spotter just north to town.									
Greeley County									
5 N Greeley to 7 N Greeley	18	1724CST 1728CST	2	50	0	0	75K	0	Tornado (F0)
The severe thunderstorm which had spawned some brief tornados earlier was to blame for a short path tornado centered about 6 miles north of Greeley. The tornado upset 2 center irrigation pivots and damaged a shelter belt.									

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April 2003

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

Greeley County

6 W Spalding to 5 NW Spalding	18	1740CST 1745CST	3.5	50	0	0	40K	0	Tornado (F0)
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Another tornado set down west of Spalding and overturned a brand new center irrigation pivot in its path.

Phelps County

Funk	29	0330CST			0	0	0	0	Hail (0.75)
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Kearney County

9 N Axtell	29	0350CST			0	0	25K	0	Hail (1.00)
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Buffalo County

Kearney	29	0355CST			0	0	500K	0	Hail (1.00)
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Early morning thunderstorms dumped hail and heavy rain on Kearney. On the north side of town, the local Ford dealer reported hail damage to 257 vehicles. Minor street flooding was reported as well. Hail was also reported in northern Kearney and eastern Phelps counties. In some cases, hail was still six inches deep several hours after the storms passed.

Nance County

5 SW Belgrade	29	1837CST			0	0	0	0	Hail (0.75)
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Nance County

4 N Fullerton	29	1852CST			0	0	0	0	Hail (0.75)
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Nance County

Belgrade	29	1900CST			0	0	0	0	Hail (0.75)
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Franklin County

1 SW Franklin	29	2005CST			0	0	0	0	Hail (0.75)
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Franklin County

1 W Riverton	29	2005CST			0	0	0	0	Funnel Cloud
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Webster County

1 SW Red Cloud	29	2029CST			0	0	0	0	Hail (1.25)
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Webster County

Blue Hill	29	2040CST			0	0	50K	0	Hail (1.75)
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Webster County

Guide Rock	29	2055CST			0	0	0	0	Hail (1.25)
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Nuckolls County

6 W Superior	29	2107CST			0	0	0	0	Hail (0.75)
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Nuckolls County

2 NW Superior	29	2125CST			0	0	25K	0	Hail (1.25)
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Dawson County

5 NW Gothenburg	29	2200CST			0	0	0	0	Hail (0.75)
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Thayer County

Deshler	29	2221CST			0	0	100K	0	Hail (1.75)
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Howard County

Dannebrog	30	0018CST			0	0	0	0	Hail (1.00)
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Merrick County

Central City	30	0107CST			0	0	0	0	Hail (0.75)
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Merrick County

6 SW Havens	30	0116CST			0	0	0	0	Hail (0.75)
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Dawson County

7 NW Gothenburg	30	0118CST			0	0	0	0	Thunderstorm Wind (G58)
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Thunderstorms erupted once again by evening and dumped hail across a large part of south-central Nebraska. A supercell thunderstorm drifted across the Kansas border into Franklin county and produced a few funnel clouds along with large hail and torrential rainfall. The storm continued east along U. S. Highway 136 and hammered Superior and Deshler with hail bigger than quarters. Farther north, scattered but less intense severe thunderstorms dropped hail from penny to quarters in size across areas mainly along and north of state highway 92.

NEBRASKA, West

NEZ003-019

Box Butte - Scotts Bluff

05		0400MST			0	0			Heavy Snow
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06		1030MST							
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Heavy snow fell over parts of the central Nebraska Panhandle. Scottsbluff, NE. reported about 6 inches while 8 inches fell at Alliance, NE.

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					Killed	Injured	Property	Crops	
<u>NEBRASKA, West</u>									
Sioux County									
14 S Harrison	17	1855MST 1901MST			0	0			Hail (1.00)
Scotts Bluff County									
1 S Scottsbluff	17	1944MST			0	0			Thunderstorm Wind (G56)
Cheyenne County									
1 SE Sidney	22	1420MST 1425MST			0	0			Hail (0.75)
Cheyenne County									
Lorenzo	30	1505MST 1510MST			0	0			Hail (0.75)
<u>NEVADA, North</u>									
NVZ031-035>037									
N Elko Cnty - White Pine - N Lander & N Eureka - S Lander & S Eureka									
13		2000PST			0	0			Heavy Snow
15		0700PST							
NVZ033									
X E Elko									
14		1540PST 1645PST			0	0			High Wind (G51)
<p>A storm system brought heavy snow to portions of northern and east central Nevada. Reported amounts include: 18 inches at Bob Scott Summit east of Austin along Highway 50, 12 inches at Ruth, 11 inches at McGill and Lund, 10 inches at Emigrant Pass west of Carlin on Interstate 80, 9 inches at Ely, Austin, and Wild Horse, 8 inches at Great Basin National Park, and 6 inches at Tuscarora, Jarbidge, and Eureka. In addition winds behind the cold front were as high as 49 mph with gusts to 59 mph at Wendover.</p>									
<u>NEVADA, South</u>									
NONE REPORTED.									
<u>NEVADA, West</u>									
NVZ002>003-003									
Greater Lake Tahoe Area - Greater Reno/Carson City/Minden Area									
01		0000PST 0853PST			0	0			High Wind (G60)
<p>Multiple gusts from 55 to 60 mph reported by automated weather station near Incline Village, NV. Gusty southwest winds blew across far western Nevada early on the morning of April 1 in advance of a strong spring cold front.</p>									
NVZ002									
Greater Lake Tahoe Area									
02		0500PST			0	0			Heavy Snow
03		0500PST							
<p>Mt. Rose ski area reported 18 inches of new snow in 24 hours.</p>									
NVZ003-003-003-003-003									
Greater Reno/Carson City/Minden Area									
02		1830PST 2330PST			0	0			Heavy Snow
<p>An off-duty NWS employee reported 4 inches of new snow in 4 hours in north Reno. A strong spring cold front brought heavy snow to far western Nevada on the evening of April 2nd. Most snow fell from about 6:30 p.m. to 11:30 p.m.</p>									
NVZ003									
Greater Reno/Carson City/Minden Area									
12		0036PST			0	0			High Wind (G52)
<p>Wind gust measured by spotter about 6 miles southwest of Gardnerville, NV.</p>									
NVZ002-002-002>003-003-003-003									
Greater Lake Tahoe Area - Greater Reno/Carson City/Minden Area									
12		1700PST			0	0			Heavy Snow
14		0600PST							
<p>Mt. Rose ski area reported a storm total of 40 inches of new snow. A strong late-winter storm brought locally heavy snow to the east slopes of the Sierra and in western Nevada starting on April 12 and lasting in the mountains until the morning of April 14.</p>									
NVZ003									
Greater Reno/Carson City/Minden Area									
24		1200PST			0	0			High Wind (G59)
25		0500PST							
<p>Multiple wind gusts of between 55 and 68 mph reported by automated weather station at Galena Park, about 10 miles southwest of Reno.</p>									

Storm Data and Unusual Weather Phenomena

April 2003

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NEW HAMPSHIRE, North and Central

NHZ006

Southern Carroll

01	0000EST				0	0			Flood
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0431EST

Mild weather and rainfall associated with a slow moving cold front combined to help melt the remaining snowpack and resulted in minor flooding from the morning of March 30th until the morning of April 1st. Rainfall amounts of 1 to 1.5 inches in the mountains produced minor flooding on the Connecticut River at Dalton. The River crested at 17.74 ft on March 31 at about 2:15 pm.

NHZ005-007>010-013>014

Southern Grafton - Sullivan - Merrimack - Belknap - Strafford - Interior Rockingham - Coastal Rockingham

03	2000EST				0	0			Heavy Snow
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05 2000EST

A series of low pressure centers moving eastward from the Mid-West brought a prolonged period of snow to the state. Total 2-day snowfall amounts across much of the Sullivan, Merrimack, Belknap, Stafford, Rockingham, and southern Grafton counties ranged from 6 to 12 inches.

NEW HAMPSHIRE, Southern

NONE REPORTED.

NEW JERSEY, Northeast

NJZ005>006-011

Essex - Hudson - Union

07	1400EST				0	0			Heavy Snow
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1600EST

This late season snowstorm produced widespread snowfall amounts of 4 to 7 inches in Essex and Hudson counties and 6 to 8 inches in Union county in Northeast New Jersey. This included about a 4 hour period on the afternoon of Monday, April 7th during which heavy snow fell at rates of an inch or more per hour. Local impacts from the storm included approximately 100 cancelled flights at Newark Liberty Airport, a crippled mass transit system and numerous traffic accidents on area roadways.

NEW JERSEY, South and Northwest

NJZ001

Sussex

04	2300EST				0	0			Winter Weather/Mix
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05 1100EST

A large high pressure system entrenched over nearby Canada left enough cold air near the surface for precipitation to fall as freezing rain and sleet across the higher terrain of Sussex County and a mixture of rain, freezing rain and sleet in the valleys. Precipitation began during the late evening of the 4th and continued until around noon EST on the 5th. It took practically the whole event for the cold air to be scoured from the higher terrain. Ice accretions in the higher terrain averaged between one-tenth and two-tenths of an inch. Precipitation preceded a nearly stationary front across the Ohio Valley and the southern Middle Atlantic States. A low pressure system that formed on the frontal boundary was over Illinois during the early evening of the 4th and moved northeast into the Saint Lawrence Valley on the afternoon of the 5th. Precipitation ended a few hours prior to this low pressure system's occluded frontal passage.

NJZ001-007-013-015>020

Sussex - Warren - Western Monmouth - Mercer - Salem - Gloucester - Camden - Northwestern Burlington - Western Ocean

07	0700EST				0	0			Winter Weather/Mix
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08 0100EST

NJZ008>010-012

Morris - Hunterdon - Somerset - Middlesex

07	0700EST				0	0			Winter Storm
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2300EST

A low pressure system passing to the south of the Delmarva Peninsula and a high pressure system passing across nearby Canada and New England once again combined to give northern and southwestern New Jersey its last winter storm of the season. Accumulations ranged from 1 to 8 inches with the highest amounts in the Passaic and Raritan River Basins. Snow fell heavy at times in those areas during the late morning and early afternoon. Precipitation started as snow during the morning commute throughout the area. Warmer air arriving from the nearby Atlantic near the surface and the southern states aloft started a slow changeover across the region. Precipitation was mixed with sleet from the start in parts of southwestern New Jersey and changed to plain rain during the early afternoon. From the interstate 195 corridor northward precipitation had a hard time changing to plain rain. Precipitation changed to sleet and freezing rain across central New Jersey during the second half of the afternoon as surface temperatures never rose above the freezing mark (32 degrees). Across Northwest New Jersey, this transition did not occur until the evening rush hour. A wintry mix of sleet and freezing rain continued through the evening. The wintry mix was over for all areas by early on the 8th. The heaviest precipitation fell during the day and ice accretions in most areas was less than one tenth of an inch.

Dozens of accidents were reported. Nearly every major thoroughfare in the state reported accidents with numerous accidents reported on the New Jersey Turnpike, Interstates 80, 78, 287 and 295. Many vehicles slid off roads into ditches. A few roads were closed after vehicle downed poles or became impassable because of their hilliness. The only reported fatal accident occurred in the northbound lanes

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NEW JERSEY, South and Northwest

of Interstate 295 in Mount Laurel Township (Burlington County) when a 55-year-old man died while trying to pass a pickup truck and tractor trailer. The collision between the vehicles sent the driver into a median and caused the truck and trailer to jackknife across the highway. In Bernardsville (Somerset County), the driver was able to walk away from an accident in which his vehicle slid through a stop sign at the intersection with U.S. Route 206 into a building. In Hunterdon County, New Jersey State Route 31 was closed because of a jackknifed tractor-trailer. A mini school bus in West Amwell Township overturned and injured its driver. The heavy, wet snow caused the 75 foot tall netting poles to snap at a golf driving range in Raritan Township (Hunterdon County). The accumulating snow did not start until after people were either at work or school. About 100 school districts mainly in the northern half of the state either never opened their doors or sent their children home early. Several school buses slid off roadways or became mired or disabled in the snow. Municipal and school board meetings were canceled.

Specific accumulations included 8.0 inches in Holmdel (Monmouth County), 7.0 inches in Lebanon Township (Hunterdon County), Chatham (Morris County) and North Brunswick (Middlesex County), 6.8 inches in Califon (Hunterdon County), 6.0 inches in Belle Mead and Hillsborough (Somerset County), Long Valley (Morris County) and Flemington (Hunterdon County), 5.5 inches in Princeton (Mercer County) and Stewartville (Warren County), 5.4 inches in New Brunswick (Middlesex County), 5.0 inches in Somerset (Somerset County), 4.6 inches in Clarksburg (Monmouth County), 3.8 inches in Belvidere (Warren County), 2.5 inches in Wantage (Sussex County), 2.1 inches in Sussex (Sussex County), 2.0 inches in Willingboro (Burlington County) and 1.2 inches in Somerdale (Camden County).

The low pressure system moved from the Gulf Coast states on the 6th into the Tennessee Valley the night of the 6th. As the primary low pressure system moved toward Ohio the morning of the 7th, a secondary low pressure system was forming near Cape Hatteras, North Carolina. This second low pressure system became the primary system and moved northeast. It was just east of Wallops Island, Virginia during the evening of the 7th and was well east of the Delmarva Peninsula just past midnight EDT on the 8th.

In spite of just trace amounts in the southeast part of the state with this event, the winter 2002-3 was one of the ten snowiest winters on record for most of New Jersey. At the Atlantic City International Airport, the seasonal snowfall of 42.3 inches was the 4th snowiest winter on record. In New Brunswick (Middlesex County), the seasonal snowfall of 51.9 inches was the 9th snowiest winter on record.

NJZ001

Sussex

09	0300EST 1000EST	0	0		Winter Weather/Mix
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On the heels of the wintry mix from the 8th, another low pressure system formed across the southeastern United States and moved off the south Atlantic Coast. The northern edge of its precipitation shield reached into Sussex County during the first half of the day on the 9th. Enough cold air remained in place near the ground for precipitation to fall as light freezing rain in the higher terrain of the county. Ice accretions were around one tenth of an inch or less. Untreated roads and walkways were slippery. The low pressure system went from Mississippi the morning of April 8th into the upper Tennessee Valley that evening. The low pressure system then reformed along the Georgia and South Carolina coast overnight and moved offshore of the Carolina Coast during the afternoon of the 9th. Sussex County was along the north-western edge of this low pressure system's precipitation shield.

NJZ014-024>026

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

11	0100EST 0500EST	0	0	0	Astronomical High Tide
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A persistent onshore flow between a high pressure system over the Canadian Maritimes and a low pressure system near the southeast United States coast produced pockets of minor flooding along the New Jersey coast during the early morning of the 11th. Large waves (up to 10 feet) crashed onto the beaches and caused some street flooding along coastal Monmouth County. The tide in North Wildwood (Cape May County) reached 6.75 feet above mean lower low water. The tightest gradient (difference in pressure) occurred during the early morning high tide on the 11th when the high pressure system was near Nova Scotia and the low pressure system was near Elizabeth City, North Carolina. By the afternoon of the 11th (the lower of the two astronomical high tides for the day), the low pressure system moved to just east of the Delaware Coast and the high pressure system retreated farther east into the Atlantic Ocean.

NJZ012-014-016-021-023>027

Middlesex - Eastern Monmouth - Salem - Cumberland - Western Cape May - Eastern Cape May - Eastern Atlantic - Eastern Ocean - Southeastern Burlington

17	2000EST	0	0	0	Astronomical High Tide
18	0100EST				

The combination of spring tides and a persistent onshore flow produced pockets of minor tidal flooding along the New Jersey coast, in Delaware and Raritan Bay and tidal sections of the Delaware River. In Monmouth County, three vehicles were disabled and one was damaged by flooding along Brielle Road in Manasquan Borough. The road was barricaded as was access to the Glimmer Glass Bridge. Highest tides, all above mean lower low water, included 8.16 feet in Keansburg (Monmouth County), 7.39 feet in Sandy Hook (Monmouth County) 7.20 feet at Reedy Island (New Castle County, Delaware) and Cape May Harbor (Cape May County), 7.00 feet in Stone Harbor (Cape May County), 6.97 feet in Margate (Atlantic County), 6.95 feet in Sea Isle City (Cape May County), 6.88 feet in Avalon (Cape May County), 6.72 feet in Absecon (Atlantic County) and 6.55 feet in Atlantic City (Atlantic County). A cold front moved through New Jersey during the night of the 16th. A large high pressure system moved across New England on the 17th and into the Canadian Maritimes on the 18th. Meanwhile, a weakening low pressure system moved from Illinois the morning of the 17th into Indiana during the evening of the 17th. The pressure difference between the two systems produced an onshore flow. Tides were already higher than normal due to the recent full moon. The low pressure system weakened further on the 18th and the high pressure system moved into the Canadian Maritimes and then offshore. This reduced the onshore flow.

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April 2003

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

NMZ001>021-026 Northwest Plateau - Northwest Mountains Including Jemez - Upper Rio Grande Valley - Sangre De Cristo Mountains - Northeast Highlands - Harding - Far Northeast Plains - Westcentral Mountains - Middle Rio Grande Valley - Sandia/Manzano Mountains - Central High Plains/Estancia Valley County - Conchas Lake/Guadalupe - Quay - Southwest Mountains/Upper Gila Region - Lower Rio Grande Valley - Lincoln County High Plains/Hondo Valley - Capitan/Northern Sacramento Mountains - De Baca - Chaves County Plains - Roosevelt - Curry - Guadalupe Mountains Of Chaves County

01	0000MST								
30	2359MST			0	0				Drought

Dry and windy weather during the month sapped snow packs and further reduced the available snow melt and season runoff. Although some areas benefited from good runoff and a few localized heavy rain events, much of the region remained entrenched in both a climatological and river-stream hydrological drought that continued to impact irrigation and fire management decisions.

NMZ004>006-010>013-016>021-026 Sangre De Cristo Mountains - Northeast Highlands - Harding - Sandia/Manzano Mountains - Central High Plains/Estancia Valley County - Conchas Lake/Guadalupe - Quay - Lincoln County High Plains/Hondo Valley - Capitan/Northern Sacramento Mountains - De Baca - Chaves County Plains - Roosevelt - Curry - Guadalupe Mountains Of Chaves County

15	1800MST								
	2100MST			0	0	150K			High Wind (G70)

A powerful storm moved into California on the 13th and slowly advanced east into northern New Mexico on the 15th. While it did weaken as it headed east, it still carried quite a punch as high winds were reported over much the state, but especially from the north and central mountains eastward to the Texas border where these regions saw an extended period of 35 to 45 mph sustained winds or gusts of 60 to 70 mph. Downslope winds on the east side of the Sangre de Cristo Mountains were particularly strong from near Angel Fire south to near Las Vegas. Cooperative observers near Gascon reported some the worst winds they had ever experienced with some 5000 to 8000 trees uprooted over an area of western Mora County. While some trees toppled because the ground was soft from snow melt, many were reported as twisted and snapped off 10 to 20 feet above ground with no discrimination between pine, fir, spruce or aspen. Falling trees damaged grazing allotment cross fencing in numerous places.

De Baca County

10 S Ft Sumner	22	2230MST							Hail (0.75)
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Roosevelt County

Tolar	22	2230MST							Hail (0.75)
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Curry County

Melrose	22	2240MST							Hail (0.75)
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Quay County

6 E Ragland	23	0000MST							Hail (0.75)
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Quay County

Logan	23	0130MST							Hail (0.75)
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Late night strong thunderstorms moved northeast across east central New Mexico producing hail and gusty winds.

Santa Fe County

Edgewood	28	1430MST				20K			Dust Devil
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A large dust devil swept out of an open field and damaged the roof and side wall of grocery store in Edgewood.

NMZ012

Conchas Lake/Guadalupe

29	1755MST					10K			Strong Wind
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A dry microburst estimated as over 80 mph caused barn damage 12 miles west of Conchas.

NEW MEXICO, South Central and Southwest

NMZ031

Southwest Desert Mimbres Basin

15	1015MST								Dust Storm
	1100MST			0	0				

Winds gusting to 50 mph caused blowing dust which reduced visibilities to near zero along Highway 180 northwest of Deming. This resulted in two multi-vehicle collisions and 2 fatalities. Blowing dust from 50 to 60 mph winds was experienced throughout southern New Mexico. A widely publicized wind gust of 126 mph at San Augustin Pass was highly suspect due to other suspicious factors, but 75 to 85 mph gusts were considered fairly reliable by meteorologists familiar with that mesonet system.

NEW MEXICO, Southeast

NMZ028>029-033

Eddy County Plains - Northern Lea County - Central Lea County

15	1130MST					210K	0		High Wind (G65)
	1630MST			0	0				

Widespread damage to trees, powerpoles and lines, and signs were reported in Artesia. At least one car was struck by a falling tree in the city.

Damage reports from the city of Tatum consisted of one carport which was destroyed, minor roof damage to several structures, and downed powerpoles and trees.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time 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

Some of the most significant damage from the high wind event was in the Hobbs area. Public reports of winds near hurricane force were received, but could not be confirmed. Damage sustained in the area supported higher winds than those observed at the airport. Damage included severe roof damage to five well constructed homes. Several trailer houses were destroyed. The roof of a water storage facility which services the city with drinking water was blown off. Numerous other reports of tree, powerline and pole, and traffic sign damage were received.

A very strong and dynamic storm system moved over the Southern Plains on the 15th. A deep surface trough and dryline swept across southeast New Mexico during the afternoon hours. Very strong winds were propagating through the base of the mid level trough. These winds, along with strong subsidence and tight pressure gradients behind the wave, resulted in very strong winds across the region. Widespread wind gusts in the 50 to 65 MPH range were common. The most significant damage in southeast New Mexico was in the area around Hobbs.

NEW YORK, Central

NYZ009-015>018-022>023-036>037-045>046

Northern Oneida - Yates - Seneca - Southern Cayuga - Onondaga - Steuben - Schuyler - Madison - Southern Oneida - Chenango - Otsego

04	0500EST	0	0	28.5M	Ice Storm
05	1000EST				

A stationary front was west to east across Pennsylvania during the 3rd and 4th of April. Areas of low pressure moved along the front bringing precipitation to upstate New York. A large area of high pressure, centered over Hudson Bay Canada helped to keep cold air at the surface. The morning of the 5th low pressure moved northeast to Erie, Pennsylvania then to northeast New York that evening. A trailing cold front brought with it an end to the precipitation from west to east. Patchy freezing rain was across these counties first the night of the 3rd into the 4th. At this time the freezing rain was most widespread in Northern Oneida County. Steady widespread freezing rain started during the day of the 4th across Oneida, Onondaga, and Madison Counties. During the evening of the 4th colder air spread further south into the Finger Lakes and northern Susquehanna Region. This changed moderate rain to freezing rain in these areas especially at the higher elevations. Across northern Oneida County the freezing rain changed to snow. The snow accumulated up to five inches. Ice accumulations were mostly a quarter to half an inch with a few locations up to an inch. The Schuyler County Emergency Manager reported an inch of ice across most of the county. Tens of thousands of electricity customers were without power, some for up to a week. States of emergencies were declared for most of these counties. A federal disaster was declared by President Bush in Onondaga, Cayuga, Chenango, Oneida, and Yates Counties.

NEW YORK, Coastal

NYZ072>081

New York (Manhattan) - Bronx - Richmond (Staten Is.) - Kings (Brooklyn) - Queens - Nassau - Northwest Suffolk - Northeast Suffolk - Southwest Suffolk - Southeast Suffolk

07	1600EST	0	0		Heavy Snow
	1800EST				

This late season snowstorm produced widespread snowfall amounts of 4 to 7 inches in New York City and Long Island. This included about a 4 hour period on the afternoon of Monday, April 7th during which heavy snow fell at rates of an inch or more per hour. Local impacts from the storm included over 300 cancelled flights at LaGuardia and Kennedy Airports, a crippled mass transit system, numerous traffic accidents on area roadways and downed tree limbs in the vicinity of Peter Cooper Village in Manhattan.

NEW YORK, East

NYZ032-032>033-033-038-038>039-039>040-040>041-041>042-042>043-043-047-047>049-049>050-050>051-051>052-052>053-053>054-054-058-058>059-059>060-060>061-061-063>066-082>084

Northern Herkimer - Hamilton - Southern Herkimer - Southern Fulton - Montgomery - Northern Saratoga - Northern Warren - Northern Washington - Schoharie - Western Schenectady - Eastern Schenectady - Southern Saratoga - Western Albany - Eastern Albany - Western Rensselaer - Eastern Rensselaer - Western Greene - Eastern Greene - Western Columbia - Eastern Columbia - Western Ulster - Eastern Ulster - Western Dutchess - Eastern Dutchess - Northern Fulton - Southeast Warren - Southern Washington

04	0000EST	0	0		Winter Storm
05	1200EST				

A large arctic high pressure system became established over the James Bay region of Canada early on Thursday, April 3. The leading edge of this unseasonably chilly air mass worked southward across New York State and adjacent New England, stalling just to the south of the region by late on the 3rd. A series of low pressure systems propagated along the strong stationary boundary and were able to produce copious moisture. The air was cold enough for mostly snow north of Albany Thursday night into Friday morning. Further south, the cold air was much more shallow, which allowed for mostly freezing rain. Precipitation during the day Friday was mainly freezing drizzle, but another storm brought more significant precipitation to the region again by Friday night into Saturday. This time, the precipitation fell mostly as sleet from Albany northward, while freezing rain fell south. By the time the precipitation ended midday

Storm Data and Unusual Weather Phenomena

April 2003

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

Saturday, more than a foot of snow had fallen north of Saratoga Springs, while several inches of sleet as well as anywhere from 1/2 to an inch of ice accreted further south of Saratoga Springs. Bolton Landing Warren County led the pack with 20.2 inches of snow, while 15.5 inches fell at Indian Lake in Hamilton County. This might have been the heaviest April snowfall on record for these places. The icestorm, further south, was the latest significant ice storm ever on record. The ice caused more problems than the snow, as the heavy glaze brought down many powerlines and trees. The problem was further exacerbated by 30 mph wind gusts that developed by midday Saturday which helped to bring even more power lines and trees down. Up to 90,000 residents lost power across Albany's County Warning area and many homes were without power until the following Monday. Some places had to wait until Tuesday for electricity to return. The ice, sleet and snow caused numerous vehicular accidents, widespread school and business closures as well as some delays at the Albany International Airport.

NYZ042

Northern Warren

16	1200EST								
	1800EST			0	0	75K			Strong Wind

A significant warmup allowed the large winter ice buildup to begin breaking up on Lake George in Warren County during mid April. A back door cold front, followed by a large high pressure area building south out of Canada, produced strong northeasterly winds, estimated in the 31 to 39 mph range on the afternoon of April 16. These winds pushed huge chunks of ice into the boat docks on the southern tip of Lake George, namely the village of Lake George. These chunks of ice caused extensive damage to at least four boat docks in this area.

NEW YORK, North

NYZ026>027

Northern St. Lawrence - Northern Franklin

04	0700EST								
	1200EST			0	0	2K			Winter Weather/Mix

A cold front from the Great Lakes east to the south of New England marked a sharp boundary between warm and cold air masses. An area of low pressure moved from the Great Lakes Friday, April 4th, across New England Saturday, April 5th, and into the Canadian Maritimes Saturday night. Snow fell across the area from Friday (April 4th) into Saturday (April 5th). Snowfall accumulations were generally around 4 inches.

NYZ034>035

Western Essex - Eastern Essex

04	1000EST								
	1200EST			0	0	20K			Winter Storm

A cold front from the Great Lakes east to the south of New England marked a sharp boundary between warm and cold air masses. An area of low pressure moved from the Great Lakes Friday, April 4th, across New England Saturday, April 5th, and into the Canadian Maritimes Saturday night. Snow fell across the area from very late Thursday night (April 3rd) and early Friday (April 4th) and continued into Saturday, April 5th. At times the precipitation mixed with sleet and freezing rain. Snowfall accumulations were between 10 and 15 inches. A few reports included: Newcomb (Western Essex county) with 15 inches and Mineville (Eastern Essex county) with 8 to 10 inches.

NYZ029>030

Southeastern St. Lawrence - Southern Franklin

05	0500EST								
	1200EST			0	0	20K			Winter Storm

A cold front from the Great Lakes east to the south of New England marked a sharp boundary between warm and cold air masses. An area of low pressure moved from the Great Lakes Friday, April 4th, across New England Saturday, April 5th, and into the Canadian Maritimes Saturday night. Snow fell across the area from Friday (April 4th) and continued into Saturday, April 5th. At times the precipitation mixed with sleet and freezing rain. Snowfall accumulations were 7 to 12 inches, with both Tupper Lake (Franklin county) Edwards (St Lawrence county) reporting 11 inches.

NYZ027-030>031-034

Northern Franklin - Southern Franklin - Western Clinton - Western Essex

23	1500EST								
	1300EST			0	0	4K			Winter Weather/Mix

A storm system moved north just to the east of New England during April 23rd and 24th. This system spread wet snow across portions of the area. Accumulations of snow were 2 to 4 inches, especially in the hilly terrain with locally higher amounts in the mountains.

NEW YORK, West

NYZ001>006-011-013>014

Niagara - Orleans - Monroe - Wayne - Northern Cayuga - Oswego - Genesee - Livingston - Ontario

04	0817EST								
	0200EST			1	0	28.6M	8.6M		Ice Storm

F60VE

NYZ007>008

Jefferson - Lewis

04	0830EST								
	1605EST			0	0	50K			Heavy Snow

Low pressure over Illinois brought a mix of wintry weather to parts of the Genesee Valley, the Finger Lakes and the North Country. Across the North Country the precipitation mainly fell as snow mixed with sleet at times. Nine to twelve inches accumulated over the higher elevations. Across the Genesee Valley and the Finger Lakes, the precipitation fell mainly as freezing rain. Up to an inch of ice accumulation was measured. Hardest hit areas were eastern Monroe, Wayne and northern Cayuga counties. A Federal Disaster Declaration included Livingston, Monroe, northern Cayuga, Ontario, Orleans, Oswego, and Wayne counties. The heavy ice

Storm Data and Unusual Weather Phenomena

April 2003

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

accumulation downed trees, limbs and power and telephone lines. Over 175000 customers lost power. In some cases power outages lasted for up to one week. Schools and businesses closed for several days. Over 100 shelters were opened to house people without utilities. The falling trees and power poles produced a significant amount of damage to structures and automobiles. In Cato, northern Cayuga county, a sixty-year-old woman was killed when an ice-laden maple tree fell onto and crushed the pickup truck she was sitting in. Agriculturally, fruit trees were severely damaged, especially the tart cherry trees in Wayne county.

NYZ002>003

Orleans - Monroe

15	1445EST 1500EST				0	0	75K		High Wind (G55)
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High winds downed trees and power lines across the lower Genesee Valley during the afternoon hours. Up to 15000 customers were without power for several hours. The hardest hit areas were Greece, Parma and Pittsford.

NORTH CAROLINA, Central

NCZ021>023-025-038>041-073>076-083

Forsyth - Guilford - Alamance - Durham - Davidson - Randolph - Chatham - Wake - Stanly - Montgomery - Moore - Lee - Anson

10	1215EST 1600EST				0	0			Flood
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Persistent showers and thunderstorms produced heavy rain and flooding across the Piedmont of North Carolina. Several creeks and streams overflowed their banks, leading to road flooding and numerous road closures. Some basements of homes were flooded in Guilford County, and a water rescue was made in Moore County.

Davidson County

Denton	26	0457EST			0	0			Hail (0.75)
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Guilford County

Jamestown	26	1558EST			0	0			Hail (0.88)
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Guilford County

Greensboro	26	1605EST			0	0			Hail (1.25)
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Moore County

Cameron	26	1650EST			0	0			Hail (0.88)
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Lee County

Tramway	26	1652EST			0	0			Hail (0.75)
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Durham County

Durham	26	1740EST			0	0			Hail (0.75)
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Durham County

Gorman	26	1800EST			0	0			Hail (0.75)
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Cumberland County

Fayetteville	26	1810EST			0	0			Hail (0.75)
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Cumberland County

Eastover	26	1826EST			0	0			Hail (1.25)
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Forsyth County

2 S Clemmons	29	1625EST			0	0			Hail (1.00)
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Davidson County

2 N Welcome	29	1640EST			0	0			Hail (0.88)
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Sampson County

Newton Grove	29	1723EST			0	0			Hail (1.00)
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Moore County

Eagle Spgs	30	1445EST			0	0			Hail (0.75)
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Forsyth County

Lewisville	30	1500EST			0	0	40K		Lightning
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Lightning struck a house, starting a fire.

Moore County

Robbins	30	1500EST			0	0			Hail (0.75)
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Guilford County

High Pt	30	1534EST			0	0			Hail (0.75)
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Alamance County

Mebane	30	1615EST			0	0			Hail (0.75)
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Alamance County

Saxapahaw	30	1631EST			0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 2003

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

Alamance County

Graham 30 1645EST 0 0 Hail (1.00)

Orange County

Schley 30 1650EST 0 0 Hail (0.75)

NORTH CAROLINA, Central Coastal

Pitt County

Bethel 05 1400EST 0 0 Thunderstorm Wind (G50)
Pitt county 911 reported trees down in Bethel.

NCZ103>104

Eastern Dare - Eastern Hyde

10 0935EST 0 0 High Wind (G50)
1700EST

Emergency Management reported sporadic minor roof damage along the Outer Banks counties of Dare and Hyde.

Onslow County

4 SE Catherine Lake 30 1455EST 0 0 Hail (1.00)
Public reported one inch diameter hail.

NORTH CAROLINA, Extreme Southwest

Cherokee County

Murphy 30 1300EST 0 0 Hail (0.75)
3/4 inch hail reported by dispatch.

NORTH CAROLINA, North Coastal

NCZ015>017-031>032-102 Pasquotank - Camden - Western Currituck - Chowan - Perquimans - Eastern Currituck

10 0400EST 0 0 30K Strong Wind
2300EST

A spring nor'easter produced wind gusts between 40 and 47 knots (46 and 54 mph) across much of coastal northeast North Carolina, from early Thursday morning into Thursday night. These strong winds downed some trees and utility poles, resulting in power outages. The winds also produced minor structural damage.

NCZ102

Eastern Currituck

10 0500EST 0 0 Astronomical High Tide
1700EST

Flooding occurred at the time of high tide in some streets and yards across portions of Eastern Currituck.

Pasquotank County

(Ecg)Elizabeth City 26 1541EST 0 0 Thunderstorm Wind (G54)
Wind gust of 54 knots (62 mph) measured at ECG.

NORTH CAROLINA, Northwest and North Central

NCZ003>006-020 Surry - Stokes - Rockingham - Caswell - Yadkin

10 0600EST 0 0 17K Strong Wind
1130EST

NCZ004>006

Stokes - Rockingham - Caswell

10 1400EST 0 0 Flood
1800EST

Strong non-thunderstorm winds combined with a saturated ground resulted in numerous trees being uprooted across Caswell, Rockingham, Surry, Stokes, and Yadkin Counties. Some trees fell on power lines, resulting in power outages.

Moderate to heavy rainfall occurred during the morning and afternoon hours on the 10th, resulting in small stream flooding and road closings in Stokes, Rockingham and Caswell Counties.

NCZ001

Ashe

10 0615EST 0 0 1K Strong Wind

NCZ001-018

Ashe - Watauga

10 0700EST 0 0 Heavy Snow
1700EST

Heavy wet snow developed during the morning hours on the 10th and continued into the evening. Significant accumulations, mainly from 4 to 8 inches occurred at elevations above 3,500 feet. During this event, Beech Mountain received up to a foot of snow and

Storm Data and Unusual Weather Phenomena

April 2003

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

locations along the Blue Ridge in Ashe County received 8 inches. The weight of the snow knocked down power lines, resulting in about 3,700 customers in Ashe County and 250 customers in Watauga County without power. In addition, there were numerous traffic accidents.

A non-thunderstorm wind gust of 87 mph was measured on Bald Knob in Ashe County.

NCZ003-020

Surry - Yadkin

10	2015EST				0	0	0		Flood
	2300EST								

Heavy rainfall on the 9th and 10th resulted in minor flooding on the Yadkin River at Elkin. The Yadkin River crested just over flood stage at 7 PM EST on the 10th.

Rockingham County

Reidsville	26	1530EST			0	0			Hail (1.00)
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Rockingham County

Reidsville	26	1535EST			0	0			Hail (0.88)
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Thunderstorms during the late afternoon hours on the 26th produced hail up to quarter size which covered the ground in Reidsville.

Yadkin County

2 W Enon	30	1440EST			0	0	0		Hail (0.75)
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Watauga County

5 SSW Boone	30	1505EST			0	0	0		Hail (0.75)
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Caswell County

7 S Yanceyville	30	1513EST			0	0	0		Hail (0.75)
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Rockingham County

Reidsville	30	1530EST			0	0	0		Hail (1.00)
		1535EST							

Rockingham County

Mayfield	30	1600EST			0	0	0		Hail (0.75)
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Surry County

2 W Toast to 4 W Toast	30	1603EST			0	0	0		Hail (0.75)
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Thunderstorms during the afternoon and early evening hours on the 30th produced hail up to quarter size.

Up to quarter size hail covered the ground to a depth of one inch in Reidsville.

NORTH CAROLINA, South Coastal

New Hanover County

Wrightsville Beach	07	1400EST			0	0	100K		Lightning
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Lightning started a fire at a large oceanfront home in Wrightsville Beach.

NORTH CAROLINA, Southwest

Jackson County

Cullowhee	05	0645EST			0	0			Heavy Rain
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Gusty winds produced by a weakening line of thunderstorms combined with heavy rainfall to cause a few trees to fall onto power lines.

Cleveland County

Countywide	06	1900EST			0	0			Heavy Rain
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	07	0700EST							
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Gaston County

Countywide	06	1900EST			0	0			Heavy Rain
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Lincoln County

Countywide	06	1900EST			0	0			Heavy Rain
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A prolonged period of moderate to heavy rainfall resulted in mainly minor urban flooding across portions of the North Carolina piedmont.

NCZ037

Davie

10	0300EST				0	0			Flood
	0500EST								

An extended period of rainfall led to slow rises on area creeks and streams, culminating in flooding along 3 creeks in the eastern portion of the county.

Union County

Unionville	10	0605EST			0	0			Hail (0.88)
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Storm Data and Unusual Weather Phenomena

April 2003

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 CAROLINA, Southwest</u>									
NCZ072			Cabarrus						
	10	0700EST			0	0	200K		Flood
	11	0900EST							
	After a night of moderate to heavy rainfall, flooding developed during the morning along some creeks and streams between Kannapolis and Concord, causing several roads to be closed. Water levels on the Rocky River increased to 20 feet above normal. Significant flooding also occurred along the Irish Buffalo Creek. In some areas, boats were required to ferry people to and from work.								
NCZ082			Union						
	10	0700EST			0	0			Flood
		2000EST							
	After a night of moderate to heavy rainfall, some overflowing creeks began flooding adjacent roads and low bridges. The flooding gradually worsened throughout the day and evening.								
NCZ034-054>055-066>067			Caldwell - Mcdowell - Burke - Polk - Rutherford						
	10	0900EST			0	0			Winter Weather/Mix
		1400EST							
	A heavy, wet snow developed across the North Carolina foothills during the mid morning, and continued into the afternoon. Although most locations received light accumulations, some of the highest elevations along the Blue Ridge received as much as 5 inches, including Jonas Ridge, Little Switzerland, North Cove, and Old Fort. Many roads leading into the mountains became slick, and traffic accidents were numerous.								
NCZ069			Lincoln						
	10	1000EST			0	0			Flood
		2300EST							
	Moderate to heavy overnight rainfall resulted in flooding along creeks and streams which began during the morning and continued into the late evening. Significant flooding occurred along the South Fork of the Catawba River, while many smaller streams also overflowed their banks.								
Cleveland County									
Shelby	10	1000EST			0	0			Heavy Rain
	Persistent moderate to heavy rainfall led to some minor urban flooding.								
NCZ033-048>053-058>059-063>065			Avery - Madison - Yancey - Mitchell - Swain - Haywood - Buncombe - Graham - Northern Jackson - Southern Jackson - Transylvania - Henderson						
	10	1100EST			0	0			Heavy Snow
		1400EST							
	Light snow began across the North Carolina mountains during the early morning hours of the 10th, but due to a warm ground, accumulations were confined to the highest elevations through 8 AM. However, the snow intensified dramatically during the middle and late part of the morning, and by early afternoon, 2-4 inches had accumulated in valley locations near the Blue Ridge. In the higher elevations, 4 to 6 inch totals were common, while 8 to 12 inches accumulated on some of the highest peaks along the Tennessee border. The heavy, wet snow caused numerous trees and power lines to fall, and power outages were widespread.								
NCZ054			Mcdowell						
	10	1300EST			0	0	100K		Flood
		2100EST							
	An extended period of moderate to heavy rainfall resulted in gradual development of flooding in low lying areas. Some businesses and vehicles were flooded.								
NCZ034			Caldwell						
	10	1300EST			0	0			Flood
		2100EST							
	An extended period of moderate to heavy rainfall resulted in gradual rises on creeks and streams, culminating in flooding along numerous creeks and streams, including the Johns River. Lower Creek flooded part of a mall parking lot in Lenoir. As the rainfall continued, flooding became more widespread during the afternoon and evening, including along Kings Creek, and in areas around Collettsville. A landslide closed a portion of highway 321 south of Blowing Rock.								
NCZ070			Gaston						
	10	1300EST			0	0			Flood
		2100EST							
	An extended period of moderate to heavy rainfall resulted in slow rises and eventual flooding along numerous creeks and streams across the county, including along the South Fork of the Catawba River near Lowell. Some urban flooding also developed.								
NCZ057			Rowan						
	10	1400EST			0	0	200K		Flood
		2300EST							
	Flooding developed during the afternoon along many creeks and streams across the county, including along Grants Creek. Some mobile homes and other structures were flooded, and a nursing home and a mobile home park required evacuation near Kannapolis. A motorist required rescue from his vehicle near Gold Hill.								

Storm Data and Unusual Weather Phenomena

April 2003

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 CAROLINA, Southwest</u>									
NCZ036		Iredell							
	10	1400EST 2300EST			0	0			Flood
		Numerous creeks and streams flooded across the county.							
NCZ037		Davie							
	10	1400EST 2300EST			0	0			Flood
		Numerous creeks and streams flooded across the county, including Hunter Creek and the South Yadkin River.							
NCZ071		Mecklenburg							
	10	1400EST 2300EST			0	0			Flood
		Flooding occurred along many creeks and streams in Charlotte and surrounding areas.							
NCZ055		Burke							
	10	1500EST 1900EST			0	0			Flood
		Lower Creek flooded part of Antioch Road.							
NCZ065		Henderson							
	10	2100EST			0	0			Flood
	11	0300EST							
		Rising water levels along the French Broad River resulted in flooding of a boat dock and a parking lot near Fletcher.							
NCZ072		Cabarrus							
	18	0430EST 1100EST			0	0			Flood
		Persistent heavy rainfall resulted in slow rises and eventual flooding in the southern part of the county. Several fields were flooded, and 12 roads were closed.							
NCZ054		Mcdowell							
	18	0430EST 1100EST			0	0	200K		Flood
		Persistent overnight rainfall resulted in slow rises along numerous creeks and streams, culminating in widespread flooding that began during the morning hours. Most of the flooding occurred in northern portions of the county. Several homes were flooded. Vehicles and campers were trapped by high water. Some mudslides also developed in mountainous areas.							
NCZ067		Rutherford							
	18	0500EST 1100EST			0	0	100K		Flood
		An extended period of moderate to heavy rainfall resulted in slow rises along creeks and streams, culminating in widespread flooding across the county. Several highways required closing. Sinkholes and mudslides also developed.							
Rowan County									
Salisbury	26	1500EST			0	0			Heavy Rain
		Heavy rainfall produced by a thunderstorm caused some minor flooding along Grants Creek. Standing water also occurred on city roads. In addition, the storm produced wind gusts to 40 mph and one half inch diameter hail.							
Iredell County									
Turnersburg to Cool Spg	29	1430EST			0	0			Hail (0.75)
Rutherford County									
5 NW Rutherfordton	29	1550EST			0	0			Hail (1.50)
Rutherford County									
Spindale	29	1550EST			0	0			Hail (1.00)
Mecklenburg County									
Cornelius	29	1555EST 1615EST			0	0			Hail (1.75)
		Dime to golfball size hail accumulated to depths of 12 to 18 inches in some areas.							
Mecklenburg County									
3 N Paw Creek	29	1630EST			0	0			Hail (1.50)
Lincoln County									
Toluca	29	1700EST			0	0			Hail (1.50)
Cleveland County									
2 S Casar	29	1710EST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time 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

Cleveland County

2 SE Olive Grove 29 1715EST 0 0 Hail (1.75)

Yancey County

5 WSW Busick 30 1405EST 0 0 Hail (1.00)

Hail fell at Mt Mitchell State Park.

Davie County

7 E Mocksville 30 1435EST 0 0 Hail (1.00)

Yancey County

Burnsville 30 1440EST 0 0 Hail (0.75)

Yancey County

5 WSW Busick 30 1515EST 0 0 Hail (1.00)

Hail fell at Mt Mitchell State Park.

Yancey County

Celo 30 1515EST 0 0 Hail (0.75)

Hail covered the ground along highway 80.

Jackson County

5 NE Sylva 30 1552EST 0 0 Hail (0.75)

Yancey County

5 WSW Busick 30 1700EST 0 0 Hail (1.00)

Several hail storms affected Mt Mitchell State Park, and the hail eventually covered the ground.

Alexander County

Taylorsville 30 1802EST 0 0 Hail (0.75)

Burke County

5 SW Morganton 30 2010EST 0 0 Hail (0.75)

NORTH DAKOTA, Central and West

NDZ003>005-011>013-019-021>023-025 Renville - Bottineau - Rolette - Ward - Mchenry - Pierce - Mercer - Mclean - Sheridan - Wells - Foster

01 1509CST 0 0 Winter Storm

02 0400CST

A second in a series of low pressure systems moved out of Montana and brought an area of heavy snow across northern third of North Dakota overnight of the 1st of April and lasted through the day on the 2nd. Snowfall amounts ranged between 5 to 7 inches across the northern areas of the region. Gusty winds to 30 mph produced low visibilities and dangerous driving conditions. The system moved southeast Tuesday night to be followed by another winter storm system in the west.

NDZ001>005-010>013-017-021>023-025 Divide - Burke - Renville - Bottineau - Rolette - Mountrail - Ward - Mchenry - Pierce - Mckenzie - Mclean - Sheridan - Wells - Foster

02 1524CST 3 6 Winter Storm

03 2007CST

A third in a series of low pressure systems over Wyoming and western South Dakota moved east...southeast and intensified over the Northern Plains during the day reaching southern Minnesota and northern Iowa on Thursday, April 3rd.

A stationary surface frontal boundary extended from northeastern Montana through central North Dakota into the area of low pressure. This promoted overrunning snow across North Dakota with areas of heavy snow across northern North Dakota. The snowfall combined with easterly winds to 25 mph created areas of blowing and drifting snow and dangerous driving conditions. Snowfall across northern North Dakota ranged 6 to 10 inches with isolated reports of 14.5 inches. Numerous accidents were contributed icy and snow covered roads resulting in 6 serious injuries and 3 deaths across northern North Dakota.

M48VE, M?VE, M?VE

Burleigh County

20 SE Bismarck 09 1414CST 0 1 Wildfire

13 1900CST

Emmons County

30 NW Linton 09 1414CST 0 0 Wildfire

13 1900CST

A large wildfire erupted along the Burleigh and Emmons county line, along the Missouri river, better know as the McLean Bottoms. The fire was started by an abandon campfire. The fire was aggravated by afternoon temperatures around 90 degrees, relative humidities around 10 percent and gusty southerly winds of 25 to 35 mph. The fire burned in excess of 5000 acres before being contained on the evening of April 13th. A firefighter was hospitalized for smoke inhalation. Highway 1804 was closed for several hours due to the fire and smoke and the evacuation of recreation

Storm Data and Unusual Weather Phenomena

April 2003

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

enthusiasts from the boat landing and rifle range were ordered by the by the Incident Commander.

Stutsman County

2 S Windsor

09 1414CST
13 1900CST

0 0

Wildfire

Stutsman county firefighters spent the week of April 9th through the 13th battling two dozen wildfires across the county burning over 9000 acres. Fires flared up near Cleveland, Medina and Windsor in Stutsman county.

Burleigh County

10 SE Bismarck

26 2145CST
2152CST

0 0

Hail (1.25)

NORTH DAKOTA, East

**NDZ006>007-014>015- Towner - Cavalier - Benson - Ramsey - Nelson - Western Walsh
026-054**

01 1530CST
02 0950CST

0 0

Winter Storm

Nearly stationary low pressure systems set up from eastern Montana to southern South Dakota, while a tight thermal gradient lined up over North Dakota and Minnesota. Periodic upper level disturbances rode over this low level feature and helped set the stage for an early April winter storm. 8 inches of snow fell over southeast Towner and northwest Ramsey counties, while 4 to 6 inches fell from this area into Grand Forks county. A dry northeast flow from high pressure to the north kept this area from expanding in coverage. Northeast winds gusted from 25 to 35 mph. With the snow somewhat wet, blowing snow did not become much of a problem.

**NDZ006>008-014>016- Towner - Cavalier - Pembina - Benson - Ramsey - Eastern Walsh - Eddy - Nelson - Grand Forks - Griggs -
024-026>028-054**

02 1150CST
03 1515CST

0 0

Winter Storm

A strong thermal gradient remained over the northern plains, while surface low pressure areas stayed over southeast Montana and eastern Nebraska. As was the case with the April 1-2 winter storm, a fairly strong surface high was anchored just west of Hudson Bay. An upper level trough over the Rocky Mountains fed several upper level disturbances over the area in the upper southwest jetstream. 4 to 8 inches of snow fell across the area along with northeast 25 to 35 mph wind gusts. Slippery roads were reported along with a few school closures. The winter storm warning was issued first (at 11:50 am CST) for the Devils Lake region, including Towner, Cavalier, Benson, Ramsey, and Eddy counties. The winter storm warning was issued later (at 3:30 pm CST) for the other counties.

NDZ007>008-015

Cavalier - Pembina - Ramsey

16 1800CST
17 0600CST

0 0

Heavy Snow

A very tight deformation band of 6 to 8 inches of snow fell across northwest Pembina, southwest Cavalier, and northeast Ramsey counties. An inverted surface trough extended into the Red River Valley and an upper level disturbance (vorticity maximum) helped to enhance the lift with this system. The event started as rain, then changed over to heavy, wet snow.

Cass County

1.5 NW Arthur

27 0000CST

0 0

Hail (0.75)

OHIO, East

OHZ048

Coshocton

08 0736EST
10 0334EST

0 0

Flood

The Muskingum River at Coshocton rose above flood stage the morning of April 8, crested at 13.6 ft at 5 pm April 8, and fell below flood stage the morning of April 10. Flood stage is 13 ft.

Muskingum County

Dresden

20 2045EST
Trees down.

0 0

2K

Thunderstorm Wind (G55)

Muskingum County

Zanesville

20 2058EST
Mobile down demolished by wind.

0 0

3K

Thunderstorm Wind (G55)

Muskingum County

Adamsville

20 2100EST
Trees, power lines, and another mobile home damaged by wind.

0 0

2K

Thunderstorm Wind (G55)

Storm Data and Unusual Weather Phenomena

April 2003

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, East</u>									
Guernsey County									
Guernsey	20	2115EST			0	0	1K		Thunderstorm Wind (G55)
			Trees down.						
Tuscarawas County									
Dennison	20	2130EST			0	0			Thunderstorm Wind (G55)
			Power lines downed by wind.						
Tuscarawas County									
Newcomerstown	20	2130EST			0	0	2K		Thunderstorm Wind (G55)
			Trees down.						
Tuscarawas County									
Port Washington	20	2130EST			0	0	2K		Thunderstorm Wind (G55)
			Trees down.						
Tuscarawas County									
Uhrichsville	20	2145EST			0	0	2K		Thunderstorm Wind (G55)
			Trees down.						
Columbiana County									
Homeworth	20	2210EST			0	0			Hail (0.75)
Columbiana County									
Lisbon	20	2222EST			0	0	2K		Thunderstorm Wind (G55)
			Trees down.						
Harrison County									
Tippecanoe	20	2226EST			0	0	2K		Thunderstorm Wind (G55)
			Trees down.						
Harrison County									
Deersville	20	2230EST			0	0	2K		Thunderstorm Wind (G55)
			Trees down.						
<u>OHIO, North</u>									
Knox County									
Millwood to Danville	04	1730EST 1740EST			0	0	5K		Thunderstorm Wind (G50)
			Thunderstorm winds downed trees near Millwood and Danville.						
Holmes County									
Millersburg	04	1750EST			0	0	5K		Thunderstorm Wind (G50)
			Thunderstorm winds downed trees south of Millersburg.						
Wood County									
Wayne	04	2021EST			0	0	10K		Thunderstorm Wind (G50)
			Thunderstorms winds downed a few trees and large limbs.						
Hancock County									
Jenera to Findlay	04	2030EST 2045EST			0	0	5K		Thunderstorm Wind (G52)
			Thunderstorm wind gusts were estimated at 60 mph in Findlay. A large tree was downed a few miles west of Jenera.						
Huron County									
Norwalk	04	2030EST			0	0	10K		Thunderstorm Wind (G50)
			Thunderstorm winds downed several trees around Norwalk.						
Seneca County									
Tiffin	04	2058EST			0	0	2K		Hail (0.75)
			Penny size hail was observed.						
Marion County									
Marion	04	2100EST			0	0	15K		Thunderstorm Wind (G50)
			Thunderstorm winds downed two large trees in Marion. One of the limbs damaged the roof of a house.						
Wyandot County									
Little Sandusky	04	2100EST			0	0	5K		Thunderstorm Wind (G50)
			Thunderstorm winds downed many large tree limbs.						
Seneca County									
Kansas	04	2105EST			0	0	10K		Hail (1.50)
			Walnut size hail was observed.						

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, North									
Crawford County									
Bucyrus	04	2115EST			0	0	2K		Hail (0.75)
			Dime size hail was observed.						
Huron County									
Greenwich	04	2117EST			0	0	2K		Hail (0.75)
			Dime size hail was observed.						
Lucas County									
Toledo Express Arpt	04	2118EST			0	0			Thunderstorm Wind (G53)
			A 61 mph thunderstorm wind gust was measured at Toledo Express Airport.						
Richland County									
Lexington	04	2130EST			0	0	5K		Thunderstorm Wind (G50)
			Thunderstorm winds downed one tree and several large limbs to the east of Lexington.						
Lorain County									
La Grange	04	2135EST			0	0	2K		Thunderstorm Wind (G50)
			Thunderstorm winds toppled a large tree just west of Lagrange.						
Sandusky County									
Vickery	04	2135EST			0	0	5K		Thunderstorm Wind (G50)
			Thunderstorm winds downed two large tree limbs near Vickery.						
Wayne County									
West Salem	04	2135EST 2140EST			0	0	2K		Hail (0.75)
			Dime size hail was observed.						
Erie County									
Castalia	04	2140EST			0	0	3K		Thunderstorm Wind (G50)
			Thunderstorm winds downed a few trees.						
Lucas County									
Toledo	04	2140EST			0	0	5K		Hail (0.75)
			Dime size hail was observed. The hail completely covered the ground.						
Wayne County									
Wooster	04	2150EST			0	0	5K		Thunderstorm Wind (G50)
			Thunderstorm winds downed two large trees east of Wooster.						
Wood County									
Bowling Green	04	2150EST			0	0	25K		Thunderstorm Wind (G50)
			Thunderstorm winds damaged several homes. One home had several windows blown out and other houses nearby had roofs and siding torn off.						
Ashland County									
Loudonville	04	2200EST			0	0	2K		Hail (0.75)
			Penny size hail was observed.						
Medina County									
Medina	04	2200EST			0	0	2K		Thunderstorm Wind (G50)
			Thunderstorm winds downed a few tree limbs.						
Seneca County									
Fostoria	04	2200EST			0	0	5K		Hail (0.88)
			Nickel size hail was observed.						
Seneca County									
Fostoria	04	2212EST			0	0	5K		Hail (0.88)
			Nickel size hail was observed five miles east of Fostoria.						
Ottawa County									
Oak Harbor	04	2215EST			0	0	15K		Thunderstorm Wind (G50)
			Thunderstorm winds damaged a house near Oak Harbor.						
Sandusky County									
Fremont	04	2220EST			0	0	5K		Thunderstorm Wind (G50)
			Thunderstorm winds downed a few trees.						
Erie County									
Huron	04	2245EST			0	0	2K		Thunderstorm Wind (G50)
			Thunderstorm winds downed several large tree limbs.						

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, North									
Summit County									
Fairlawn	04	2337EST			0	0	2K		Hail (0.75)
	Dime size hail was observed.								
Cuyahoga County									
Countywide	04	2339EST			0	0	20K		Thunderstorm Wind (G50)
	05	0000EST							
	Thunderstorm winds downed trees in Bay Village, Lakewood, Solon and South Euclid.								
Summit County									
Cuyahoga Falls	04	2345EST			0	0	5K		Thunderstorm Wind (G50)
	Thunderstorm winds downed one tree and several large limbs.								
Geauga County									
Russell	04	2349EST			0	0	10K		Thunderstorm Wind (G50)
	Thunderstorm winds downed a few trees around Russell.								
Geauga County									
Bainbridge	04	2350EST			0	0	35K		Thunderstorm Wind (G50)
	Thunderstorm winds downed a large tree. The tree landed on a house and caused significant structural damage.								
Lake County									
Madison	05	0016EST			0	0	8K		Thunderstorm Wind (G50)
	Thunderstorm winds downed one tree and several large tree limbs.								
Ashtabula County									
Ashtabula	05	0030EST			0	0	2K		Thunderstorm Wind (G50)
	Thunderstorm winds downed a few large tree limbs.								
Trumbull County									
Gustavus	05	0030EST			0	0	5K		Thunderstorm Wind (G50)
	Thunderstorm winds downed several trees.								
Lucas County									
Holland to Toledo	20	1559EST			0	0	10K		Thunderstorm Wind (G50)
	Thunderstorm winds downed a few trees and large limbs in Holland and Toledo.								
Hancock County									
Mc Comb	20	1639EST			0	0	5K		Thunderstorm Wind (G50)
	Thunderstorm winds downed one power pole.								
Seneca County									
Tiffin	20	1705EST			0	0	2K		Hail (0.75)
	Dime size hail was observed two miles south of Tiffin.								
Huron County									
Monroeville	20	1725EST			0	0	5K		Thunderstorm Wind (G50)
	Thunderstorm winds downed several large tree limbs northwest of Monroeville near Bellvue.								
Sandusky County									
Clyde	20	1730EST			0	0	10K		Thunderstorm Wind (G50)
	Thunderstorm winds downed a few trees and large limbs.								
Wyandot County									
Tymochtee	20	1736EST 1744EST			0	0	4K		Thunderstorm Wind (G50)
	Thunderstorm winds downed two trees.								
Ottawa County									
Countywide	20	1738EST 1750EST			0	0	200K		Thunderstorm Wind (G50)
	Thunderstorm winds downed many trees across the county. Several buildings were also damaged. An automobile dealership near Oak Harbor lost part of it's roof and had several vehicles damaged. Two barns were heavily damaged along State Route 19 north of Oak Harbor and a third barn was damaged near Rocky Ridge. Over 2500 customers, most of them in Carroll Township and on Catawba Island, were without electricity during the peak of the storm.								
Erie County									
Castalia to Sandusky	20	1740EST 1752EST			0	0	75K		Thunderstorm Wind (G50)
	Thunderstorms winds downed many trees and three power poles in western Erie County. A home near Castalia had it's roof blown off. Another home sustained minor damage in Sandusky. At least one car was damaged by fallen trees.								

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Seneca County									
Fostoria to Tiffin	20	1740EST 1807EST			0	0	150K		Thunderstorm Wind (G50)
Thunderstorm winds downed many trees and large limbs in Tiffin and at least two large limbs in Fostoria. A couple homes in Tiffin sustained roof damage. A few cars were also damaged by fallen trees and limbs. 1,600 customers lost power in Tiffin alone.									
Richland County									
Bellville	20	1815EST 1845EST			0	0	15K		Thunderstorm Wind (G50)
Thunderstorm winds damaged a building four miles east of Bellville.									
Lorain County									
Avon Lake	20	1840EST			0	0	3K		Thunderstorm Wind (G50)
Thunderstorm winds downed one tree and one large tree limb.									
Knox County									
Martinsburg	20	1955EST			0	0	50K		Thunderstorm Wind (G50)
Thunderstorm winds downed at least two trees and damaged a few buildings in Martinsburg. A home sustained severe roof and window damage and an adjacent garage was leveled. A barn nearby was also damaged as was a vehicle parked near the leveled garage.									
Knox County									
Martinsburg	20	2014EST			0	0	3K		Hail (1.00)
Quarter size hail was observed near Martinsburg.									
Knox County									
Martinsburg	20	2014EST			0	0	5K		Hail (1.00)
Quarter size hail was observed near Martinsburg.									
Wyandot County									
Carey	20	2015EST			0	0	5K		Thunderstorm Wind (G50)
A 58 mph thunderstorm wind gust was measured. The strong winds downed two trees near Carey.									
Holmes County									
Millersburg	20	2030EST			0	0	5K		Thunderstorm Wind (G50)
Thunderstorm winds downed a power pole.									
Stark County									
Canton	20	2126EST			0	0	2K		Hail (0.75)
Dime size hail was observed south of Canton along Interstate 77.									
Stark County									
Canton	20	2126EST			0	0	2K		Hail (0.75)
Dime size hail was observed near Interstate 77 on the south side of Canton.									
Mahoning County									
Berlin Center	20	2200EST 2215EST			0	0	7K		Thunderstorm Wind (G50)
Thunderstorm winds downed many large tree limbs in Berlin Center and Austintown.									
<u>OHIO, Northwest</u>									
Van Wert County									
2 W Convoy	04	1747EST			0	0	0		Hail (0.88)
Van Wert County									
2 W Convoy	04	1752EST			0	0	0		Hail (1.25)
Van Wert County									
1 S Convoy	04	1757EST			0	0	0		Hail (0.75)
Emergency management reported three quarter inch hail covering the roadway south of Convoy.									
Putnam County									
3 N Kalida	04	1836EST			0	0	0		Hail (1.00)
Putnam County									
5 S Continental	04	1842EST 1852EST			0	0	0		Hail (1.25)
Putnam County									
5 E Kalida	04	1845EST			0	0	0		Hail (0.75)
Putnam County									
2 W Ottawa	04	1852EST			0	0	0		Hail (1.00)
Van Wert County									
Van Wert	04	1927EST			0	0	0		Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>OHIO, Northwest</u>									
Putnam County									
1 W Kalida	04	2000EST			0	0	0		Hail (1.00)
Allen County									
Lima Arpt	04	2127EST			0	0	0		Thunderstorm Wind (G51)
Allen County									
1 S Lima	04	2130EST			0	0	0		Thunderstorm Wind (G50)
Emergency management reported 15 downed power lines and about 30 trees down south of Lima.									
Allen County									
Lima	20	1600EST			0	0	100K		Thunderstorm Wind (G55)
Law enforcement reported tress and power lines down across the county with much of the damage in and around Lima. A large tree fell on a home and a car. The Lima High school which was under construction had damage to the roof.									
Putnam County									
Ottawa	20	1610EST			0	0	0		Thunderstorm Wind (G55)
Law enforcement reported trees and power lines down across the county.									
Henry County									
5 NE Napoleon	20	1630EST			0	0	5K		Thunderstorm Wind (G50)
A roof was ripped off a horse bard and trees and power lines were down north and northeast of Napoleon. .									
Williams County									
5 W Bryan	30	1950EST			0	0	0		Thunderstorm Wind (G51)
Williams county sheriff reported an estimated wind gust to 60 mph west of Bryan.									
<u>OHIO, Southeast</u>									
OHZ066>067-075-084 Perry - Morgan - Athens - Vinton									
	24	0300EST 0830EST			0	0			Frost/Freeze
Dawn temperatures of 28 to 32 degrees were common. State forestry personnel reported that young sycamore trees suffered leaf damage.									
Washington County									
Marietta	30	1615EST			0	0	10K		Thunderstorm Wind (G50)
Thunderstorm winds blew a large section of roofing material off a rehabilitation center. Power lines were also blown down in town, causing power outages.									
<u>OHIO, Southwest</u>									
Miami County									
3 NW Piqua	04	1535EST 1538EST	0.1	10	0	0		3K	Tornado (F0)
A tornado briefly touched down northwest of Piqua, doing minor damage to fields.									
Miami County									
6 NE Troy	04	1538EST 1542EST			0	0	3K		Thunderstorm Wind (G50)
Trees and powerlines were knocked down.									
Miami County									
Fletcher	04	1609EST 1613EST			0	0			Hail (0.75)
Union County									
Milford Center	04	1645EST 1648EST			0	0			Hail (0.75)
Union County									
Milford Center	04	1705EST 1710EST			0	0			Hail (0.75)
Delaware County									
1 N Rathbone	04	1725EST 1728EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, Southwest									
Preble County									
West Elkton	04	2245EST 2249EST			0	0	5K		Thunderstorm Wind (G50)
									Numerous trees up to four inches in diameter were knocked down. A grain bin was also heavily damaged.
Darke County									
Greenville	04	2255EST 2259EST			0	0	3K		Thunderstorm Wind (G50)
									Power poles were downed in town.
Butler County									
4 S Somerville	04	2315EST 2320EST			0	0	3K		Thunderstorm Wind (G50)
									Two trees were downed.
Preble County									
6 SW Camden	04	2315EST 2320EST			0	0	7K		Thunderstorm Wind (G50)
									A house and barn sustained roof and siding damage. Power poles were knocked down.
Delaware County									
Delaware	04	2340EST 2345EST			0	0			Hail (0.75)
Montgomery County									
Vandalia	04	2340EST 2345EST			0	0			Hail (0.75)
Butler County									
Middletown	04	2343EST 2348EST			0	0			Hail (0.75)
Warren County									
Franklin	04	2345EST 2350EST			0	0	5K		Thunderstorm Wind (G50)
									Trees were knocked down in town.
Greene County									
Beavercreek	04	2349EST 2353EST			0	0	5K		Thunderstorm Wind (G50)
									Large trees and limbs were downed, and a house sustained minor roof damage.
Clinton County									
3 SE Wilmington	05	0000EST 0004EST			0	0	3K		Thunderstorm Wind (G50)
									A few trees and a power pole were downed along Jenkins Road.
Clark County									
South Charleston	05	0005EST 0007EST			0	0			Thunderstorm Wind (G52)
Montgomery County									
2 SE Centerville	05	0009EST 0014EST			0	0	50K		Thunderstorm Wind (G62)
									A microburst producing winds of 70 to 75 mph did significant damage to a few trailers. Several homes sustained siding damage, and numerous trees were knocked down. A 30-foot tower was also downed.
Butler County									
2 SE Fairfield	05	0010EST 0015EST			0	0	5K		Thunderstorm Wind (G50)
									Several trees were downed.
Fayette County									
2 SW Octa	05	0015EST 0019EST			0	0	3K		Thunderstorm Wind (G50)
									Powerlines and a few power poles downed on Pearson-Octa Road.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, Southwest									
Madison County									
South Solon	05	0032EST 0035EST			0	0	5K		Thunderstorm Wind (G50)
			Numerous trees were downed.						
Clinton County									
Cuba	05	0036EST 0040EST			0	0			Hail (1.00)
Franklin County									
1 W Reynoldsburg	05	0045EST 0048EST			0	0			Hail (0.75)
Fairfield County									
2 E Millersport	05	0055EST 0059EST			0	0	3K		Thunderstorm Wind (G50)
			A few road signs were knocked down in Fairfield Beach.						
Franklin County									
Groveport	05	0055EST 0059EST			0	0			Hail (1.00)
Pickaway County									
Circleville	05	0100EST 0104EST			0	0	3K		Thunderstorm Wind (G50)
			A few trees and limbs were downed in town.						
Hardin County									
Ada	20	1630EST 1634EST			0	0	3K		Thunderstorm Wind (G50)
			A few trees were downed.						
Montgomery County									
Dayton	20	1745EST 1749EST			0	0	5K		Thunderstorm Wind (G50)
			Several trees were downed in the city.						
Preble County									
6 SW Camden	20	1745EST 1749EST			0	0	3K		Thunderstorm Wind (G50)
			Large limbs and a few trees were downed in Heuston Woods State Park.						
Greene County									
Fairborn	20	1801EST 1805EST			0	0			Hail (0.88)
Clark County									
5 W Springfield	20	1809EST 1813EST			0	0			Hail (0.75)
Clark County									
Plattsburg	20	1838EST 1842EST			0	0			Hail (1.75)
Madison County									
3 N London	20	1845EST 1849EST			0	0	3K		Thunderstorm Wind (G50)
			A few trees were downed.						
Union County									
Plain City	20	1849EST 1855EST			0	0			Hail (1.00)
Franklin County									
Hilliard	20	1852EST 1902EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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, Southwest</u>									
Franklin County									
2 W Westerville	20	1910EST 1920EST			0	0	80M		Hail (1.75)
Hail up to the size of golf balls affected the north side of the Columbus metro area and southern Delaware county. Hail was extensive from Dublin, through Worthington and Powell, to Westerville. Trees and shrubs were stripped of their foliage and cars and homes sustained significant hail damage. The hail covered the ground in some locations up to six inches deep in Worthington in northern Franklin county and near the Polaris Mall in southern Delaware county.									
Delaware County									
Powell	20	1913EST 1923EST			0	0	65M		Hail (1.50)
Hail up to the size of golf balls affected the north side of the Columbus metro area and southern Delaware county. Hail was extensive from Dublin, through Worthington and Powell, to Westerville. Trees and shrubs were stripped of their foliage and cars and homes sustained significant hail damage. The hail covered the ground in some locations up to six inches deep in Worthington in northern Franklin county and near the Polaris Mall in southern Delaware county.									
Licking County									
Johnstown	20	1940EST 1945EST			0	0			Hail (0.75)
Scioto County									
1 SE Wheelersburg	30	1253EST 1258EST			0	0			Hail (0.75)
Fayette County									
5 S Pancoastburg	30	1415EST 1419EST			0	0			Hail (0.75)
Pickaway County									
2 W Circleville	30	1420EST 1425EST			0	0	3K		Thunderstorm Wind (G50)
Trees and large limbs were downed in town.									
Franklin County									
Bexley	30	1445EST 1450EST			0	0			Hail (1.00)
Mercer County									
4 W Celina	30	1445EST 1450EST			0	0			Hail (0.75)
Auglaize County									
Minster	30	1500EST 1505EST			0	0			Hail (1.75)
Pickaway County									
Circleville	30	1506EST 1511EST			0	0			Hail (0.75)
Shelby County									
Mc Cartyville	30	1515EST 1520EST			0	0			Hail (1.00)
Mercer County									
Celina	30	1550EST 1555EST			0	0			Hail (0.88)
Auglaize County									
New Bremen	30	1625EST 1630EST			0	0			Hail (1.00)
Mercer County									
Coldwater	30	1956EST 2001EST			0	0			Hail (0.88)
<u>OKLAHOMA, Eastern</u>									
Okfuskee County									
3 S Welty	06	0639CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Eastern									
Okmulgee County									
1 N Okmulgee	06	0712CST			0	0			Hail (1.00)
Tulsa County									
Collinsville	06	0715CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew a large tree down.									
Muskogee County									
Haskell	06	0735CST			0	0			Hail (0.75)
Wagoner County									
Porter	06	0747CST			0	0			Hail (0.88)
Mayes County									
Adair	06	0930CST			0	0			Hail (0.75)
Mayes County									
Adair	06	0930CST			0	0	5K		Thunderstorm Wind (G52)
Thunderstorm winds estimated at 60 miles an hour blew the roof off a barn.									
Pittsburg County									
2 W Arpelar	06	1243CST			0	0			Hail (1.50)
Pushmataha County									
Tuskahoma	06	1307CST			0	0			Hail (0.75)
Pittsburg County									
14 NE Mc Alester	06	1311CST			0	0			Hail (1.75)
Pushmataha County									
4 SE Clayton	06	1313CST			0	0			Hail (0.75)
Haskell County									
5 N Enterprise	06	1328CST			0	0			Hail (0.75)
Le Flore County									
Talihina	06	1335CST			0	0			Hail (0.75)
Le Flore County									
Hodgen	06	1413CST			0	0			Hail (0.88)
Le Flore County									
Panama	06	1422CST			0	0			Hail (0.88)
Choctaw County									
Messer	06	1425CST			0	0			Hail (0.88)
Pushmataha County									
2 S Rattan	06	1425CST			0	0			Hail (1.00)
Le Flore County									
1 S Whitesboro	06	1458CST			0	0			Hail (0.75)
Pawnee County									
Cleveland	15	2311CST			0	0			Thunderstorm Wind (G51)
Pawnee County									
Terlton	15	2338CST			0	0	1K		Thunderstorm Wind (G65)
Thunderstorm winds estimated at 75 miles an hour by a trained spotter blew down power lines causing a power outage in the city of Terlton.									
Creek County									
Bristow	15	2341CST			0	0			Thunderstorm Wind (G52)
Osage County									
Hominy	15	2346CST			0	0			Hail (0.88)
Creek County									
2 W Mannford	16	0005CST			0	0			Thunderstorm Wind (G56)
Creek County									
Sapulpa	16	0005CST			0	0	1K		Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down trees and power lines.									
Osage County									
2 W Skiatook	16	0010CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down a few trees.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OKLAHOMA, Eastern									
Washington County									
Bartlesville	16	0010CST			0	0			Thunderstorm Wind (G61)
	Thunderstorm winds estimated at 70 miles an hour blew down a few trees.								
Tulsa County									
Owasso	16	0015CST			0	0			Thunderstorm Wind (G61)
	Thunderstorm winds estimated at 70 miles an hour uprooted a tree.								
Washington County									
3 E Ochelata	16	0020CST			0	0			Thunderstorm Wind (G52)
Okfuskee County									
1 NE Okemah	16	0030CST			0	0			Thunderstorm Wind (G52)
	Thunderstorm winds estimated at 60 miles an hour blew down numerous large tree limbs.								
Nowata County									
6 W Nowata	16	0040CST			0	0			Thunderstorm Wind (G52)
	Thunderstorm winds estimated at 60 miles an hour blew down numerous large tree limbs.								
Okmulgee County									
Beggs	16	0050CST			0	0			Thunderstorm Wind (G52)
	Thunderstorm winds estimated at 60 miles an hour blew down a few trees.								
Rogers County									
5 SE Oologah	16	0050CST			0	0	10K		Thunderstorm Wind (G52)
	Thunderstorm winds estimated at 60 miles an hour blew a tin roof off a mobile home.								
Tulsa County									
Bixby	16	0100CST			0	0			Thunderstorm Wind (G52)
	Thunderstorm winds estimated at 60 miles an hour blew a tree down onto a road.								
Muskogee County									
Haskell	16	0130CST			0	0			Thunderstorm Wind (G61)
	Thunderstorm winds estimated at 70 miles an hour blew a large tree down.								
Creek County									
8 W Tuskegee to 6 W Tuskegee	19	1455CST 1500CST	2	50	0	0			Tornado (F0)
	A trained spotter reported an F0 tornado three miles north of Welty in Creek county. The tornado lasted approximately five minutes and traveled through rural areas causing little more than tree damage. Later tornado reports from this storm turned out to be funnel-shaped scud as the storm approached the Tulsa metro area.								
Pawnee County									
12.5 ENE Terlton	19	1526CST			0	0			Hail (0.88)
	Nickel size hail was reported 8 miles east of Westport.								
Osage County									
6 SW Skiatook	19	1530CST			0	0			Hail (0.88)
Pawnee County									
6 W Pawnee	19	1550CST			0	0			Hail (0.75)
Pawnee County									
3 WNW Ralston	19	1604CST	0.2	50	0	0			Tornado (F0)
	An off duty National Weather Service employee reported a brief tornado touchdown northwest of Ralston. No damage was reported.								
Osage County									
Fairfax	19	1605CST			0	0			Hail (1.25)
Pittsburg County									
3 W Canadian	19	1620CST			0	0			Hail (1.00)
Osage County									
5 N Pawhuska	19	1640CST			0	0			Hail (1.25)
Osage County									
6.5 NE Okesa to 7.2 SE Bowring	19	1657CST 1705CST	5	200	0	0	15K		Tornado (F1)
	A F1 tornado touched down 8 miles west southwest of Dewey or 6.5 miles northeast of Okesa and traveled 5 miles east northeast before entering Washington county 5 miles northwest of Dewey or 7.2 miles southeast of Bowring. The tornado produced a 200 yard wide damage swath along its path. The damage was to trees and power lines.								

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OKLAHOMA, Eastern									
Washington County									
5 NW Dewey to 6.8 ENE Copan	19	1705CST 1726CST	12	440	0	3	1.7M		Tornado (F2)
A tornado entered Washington county 5 miles northwest of Dewey and passed between Dewey and Copan before entering Nowata county 1 mile north of Wann or 6.8 miles east northeast of Copan. The tornado produced F2 damage and a half mile wide damage path at its peak. 41 homes, two businesses and 40 barns and sheds were damaged. 16 of the homes were severely damaged including two mobile homes which were completely destroyed. Three people were treated at an emergency room of a hospital in Bartlesville due to injuries received during the tornado. Two of those people were inhabitants of one of the mobile homes that was destroyed.									
Nowata County									
1 N Wann to 7 WSW South Coffeyville	19	1726CST 1730CST	3	200	0	0	150K		Tornado (F1)
A F1 tornado entered Nowata county from Washington county one mile north of Wann. The tornado traveled east northeast three miles producing damage to barns, sheds, and power poles and power lines before lifting 8 miles west southwest of South Coffeyville. The electrical service was interrupted for up to 8 hours in the northwest part of Nowata county and adjacent parts of Washington county.									
Pittsburg County									
10 E Scipio	19	1801CST			0	0			Hail (0.75)
Pittsburg County									
Indianola	19	1807CST			0	0			Hail (1.00)
Pittsburg County									
3 E Crowder to 4 E Crowder	19	1825CST 1827CST	1	50	0	0	50K		Tornado (F0)
A brief tornado occurred in rural areas to the east of Crowder. A homestead received substantial damage from this tornado. Three sheds, including a 100 foot cattle shed were destroyed. Shingles were blown off a house and a tin roof was blown off a barn. A series of supercells crossed southeast Oklahoma on this afternoon. Numerous other tornado reports were received during the event, but further investigation led to the conclusion that most of these reports were funnel-shaped scud.									
Pittsburg County									
3 N Quinton	19	1842CST			0	0			Hail (1.00)
Haskell County									
Whitefield	19	1903CST			0	0			Hail (1.00)
Pittsburg County									
Hartshorne	19	1905CST			0	0	5K		Thunderstorm Wind (G52)
Thunderstorm winds estimated at 60 miles an hour damage the roof of a business.									
Haskell County									
1 E Kinta	19	1911CST	0.2	50	0	0			Tornado (F0)
An amateur radio operator reported a tornado one mile east of Kinta. No damage was reported.									
Haskell County									
Tamaha	19	1928CST			0	0			Hail (1.00)
Latimer County									
8 N Wilburton	19	1930CST			0	0	1K		Thunderstorm Wind (G52)
Thunderstorm winds estimated at 60 miles an hour blew over a large fuel tank at Robbers Cave State Park.									
Haskell County									
Stigler	19	2008CST			0	0			Hail (1.00)
Le Flore County									
2 N Cowlington	19	2023CST			0	0			Hail (1.00)
Haskell County									
3 WNW Stigler	19	2035CST			0	0			Thunderstorm Wind (G50)
Sequoyah County									
Moffett	19	2040CST			0	0			Hail (0.75)
Sequoyah County									
Moffett	19	2040CST			0	0			Thunderstorm Wind (G52)
Le Flore County									
4 N Spiro	19	2245CST			0	0			Thunderstorm Wind (G52)
Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.									
Sequoyah County									
4 S Roland	19	2245CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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

Okfuskee County

2 W Okemah	23	2055CST			0	0	10K		Lightning
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Lightning struck the roof of a home west of Okemah. The lightning made a hole in the roof and then traveled through the electrical system of the house where it exited an outlet and started a bed on fire. The fire department was immediately called and the fire did not spread beyond the bedroom.

Tulsa County

Tulsa	23	2105CST			0	0			Hail (0.75)
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Penny size hail was reported near the intersection of Yale and Admiral.

Pittsburg County

5 W Haywood	23	2135CST			0	0			Thunderstorm Wind (G52)
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Mcintosh County

7 N Vernon	23	2150CST			0	0			Thunderstorm Wind (G52)
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Pittsburg County

Hartshorne	23	2205CST			0	0			Thunderstorm Wind (G52)
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Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs.

Mcintosh County

Checotah	23	2210CST			0	0			Hail (0.75)
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Muskogee County

3 S Braggs	23	2230CST			0	0	1K		Thunderstorm Wind (G52)
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Thunderstorm winds estimated at 60 miles an hour damaged the roof to a house.

Sequoyah County

2 SSW Sallisaw	23	2300CST			0	0			Thunderstorm Wind (G53)
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Osage County

15 ENE Pawhuska	24	1525CST			0	0			Hail (0.75)
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Washington County

Copan	24	1537CST			0	0			Hail (0.75)
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Osage County

2 NW Hulah	28	1817CST			0	0			Hail (0.75)
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OKLAHOMA, Extreme Southeast

Mccurtain County

Millerton	04	0615CST			0	0			Hail (0.75)
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OKLAHOMA, Panhandle

Beaver County

Bryans Corner	14	0535CST			0	0			Hail (1.00)
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Beaver County

4 SE Bryans Corner	14	0543CST			0	0			Hail (1.00)
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Severe thunderstorms moved across the eastern Oklahoma panhandle during the early morning hours producing large hail.

OKZ001>002

Cimarron - Texas

	15	1330CST			0	0			High Wind (G56)
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Strong gradient winds occurred across the western and central Oklahoma panhandle during the afternoon hours. Fifty-six knot wind gust measured at the Goodwell Mesonet two miles east of Goodwell. Fifty-five knot wind gust measured at the Boise City Mesonet three miles south southeast of Boise City.

Beaver County

1 E Beaver	15	1522CST			0	0			Hail (0.75)
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An isolated severe thunderstorm developed over the eastern Oklahoma panhandle producing hail during the afternoon hours.

OKZ001>002-002>003-003

Cimarron - Texas - Beaver

	15	2245CST			0	0			High Wind (G58)
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Strong gradient winds occurred in the Oklahoma panhandle from late night and early morning hours into the afternoon hours. Fifty-eight knot wind gust measured at the Goodwell Mesonet two miles east of Goodwell. Fifty-six knot wind gust measured at the Boise City Mesonet three miles south southeast of Boise City. Fifty-two knot wind gust measured at the Hooker Mesonet one mile west of Hooker. Thirty-five knot sustained wind speed measured at the Beaver Mesonet one mile south southwest of Beaver.

Storm Data and Unusual Weather Phenomena

April 2003

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

Kiowa County							
8 S Gotebo	03	1725CST			0 0		Hail (1.25)
Kiowa County							
Gotebo	03	1727CST			0 0		Hail (0.75)
Kiowa County							
7 S Mountain View	03	1737CST			0 0		Hail (1.75)
Kiowa County							
8 S Mountain View	03	1746CST			0 0		Hail (2.50)
Kiowa County							
8 SE Gotebo	03	1748CST			0 0		Hail (2.75)
Kiowa County							
8 SE Gotebo	03	1750CST			0 0		Hail (3.75)
Caddo County							
5 S Carnegie	03	1751CST			0 0		Hail (1.25)
Caddo County							
5.5 S Carnegie	03	1752CST			0 0		Hail (3.00)
Caddo County							
3 W Ft Cobb	03	1825CST			0 0		Hail (1.25)
Caddo County							
2 W Ft Cobb	03	1828CST			0 0		Hail (2.25)
Caddo County							
Ft Cobb	03	1831CST			0 0		Hail (2.50)
Caddo County							
3 NE Lake Chickasha	03	1919CST			0 0		Hail (0.75)
Grady County							
7 W Pocasset	03	1919CST			0 0		Hail (0.75)
Grady County							
Pocasset	03	1935CST			0 0		Hail (0.75)
Grady County							
5 W Pocasset	03	1938CST			0 0		Hail (1.25)
Grady County							
Pocasset	03	1941CST			0 0		Hail (1.00)
Grady County							
3 N Amber	03	1948CST			0 0		Hail (0.75)
Grady County							
Tuttle	03	2012CST			0 0		Hail (0.75)
		Hail was reported on Highway 37.					
Grady County							
3 E Tuttle	03	2016CST			0 0		Hail (1.00)
McClain County							
Newcastle	03	2020CST			0 0		Hail (1.00)
		Hail was reported at the Highway 37 and Interstate 44 interchange.					
McClain County							
2 N Newcastle	03	2025CST			0 0		Hail (0.75)
		Hail was reported by FOX Channel 25 in Oklahoma City.					
Cleveland County							
7 W Moore	03	2031CST			0 0		Hail (1.00)
		Hail was reported near the intersection of SW 104th and Meridian.					
Kiowa County							
Mountain Park	05	2154CST			0 0		Hail (0.88)
Comanche County							
Meers	05	2226CST			0 0		Hail (0.88)
Love County							
4 S Thackerville	05	2320CST			0 0		Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western, Central and Southeast									
Jackson County									
3 NE Altus	06	0251CST			0	0			Hail (1.75)
Kiowa County									
2 SE Cooperton	06	0320CST			0	0			Hail (0.75)
Caddo County									
2 W Cyril	06	0412CST			0	0			Thunderstorm Wind (G52)
Oklahoma County									
Edmond	06	0425CST			0	0			Hail (0.88)
Grady County									
4 SW Pocasset	06	0432CST			0	0			Hail (1.25)
Oklahoma County									
4 SW Edmond	06	0435CST			0	0			Hail (0.75)
Canadian County									
Mustang	06	0445CST			0	0			Hail (0.75)
Logan County									
Guthrie	06	0459CST			0	0			Hail (0.75)
Canadian County									
Yukon	06	0500CST			0	0			Hail (0.75)
Grady County									
10 E Amber	06	0500CST			0	0			Hail (1.25)
McClain County									
Newcastle	06	0500CST			0	0			Hail (1.00)
Cleveland County									
Norman	06	0509CST			0	0			Hail (1.75)
Cleveland County									
Norman	06	0512CST			0	0			Hail (1.00)
Cleveland County									
Norman	06	0515CST			0	0	0.10K		Hail (0.75)
Hail was reported just west of the intersection of Highway 9 and Highway 77 where a car window was damaged.									
Oklahoma County									
5 N Jones	06	0516CST			0	0			Hail (1.00)
Cleveland County									
Moore	06	0517CST			0	0			Hail (1.00)
Hail occurred at SE 34th Street.									
Cleveland County									
Norman	06	0519CST			0	0			Hail (0.88)
Pottawatomie County									
9 W Shawnee	06	0540CST			0	0			Hail (0.75)
Pottawatomie County									
3 W Tecumseh	06	0550CST			0	0			Hail (0.88)
Seminole County									
2.5 N Little	06	0607CST			0	0	1.5K		Thunderstorm Wind (G56)
Winds blew down several signs at the Interstate 40 and Highway 99 interchange.									
Pottawatomie County									
Tecumseh	06	0610CST			0	0	1K		Thunderstorm Wind (G56)
Numerous signs and a wooden fence were blown over.									
Lincoln County									
2 SW Prague	06	0617CST			0	0			Hail (1.00)
Seminole County									
6 NW Seminole	06	0620CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2003

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

Seminole County

4 SW Little to 4 E Little 06 0703CST
0710CST 0 0 18K Thunderstorm Wind (G72)

Winds caused a path of damage 9 miles long and a mile and a half wide. Winds took roofs off 6 barns and destroyed 2 other barns. Numerous trees were damaged along with some shingles taken off a house. A tree limb also damaged a windshield and convertible top of a car.

Marshall County

3 E Woodville 06 1124CST 0 0 Hail (1.75)

Marshall County

2 SE Little City 06 1135CST 0 0 Hail (0.88)

Bryan County

3 W Mead 06 1146CST 0 0 Hail (1.75)

Atoka County

9 W Caney 06 1158CST 0 0 Hail (0.75)

Atoka County

10 E Atoka 06 1218CST 0 0 Hail (0.75)

Coal County

8 N Centrahoma 06 1220CST 0 0 Hail (1.00)

Roger Mills County

7 S Reydon to 5 W Cheyenne 15 1700CST
1712CST 10 440 0 0 50K Tornado (F1)

A tornado was first reported by the Reydon Emergency Manager and viewed by several storm chasers. Shortly after forming, the tornado caused damage to several houses and downed power lines six to seven miles south-southeast of Reydon. The tornado moved to the northeast ten miles destroying four barns and a well house before dissipating.

Roger Mills County

2 SE Reydon 15 1705CST 0 0 Hail (1.00)

Roger Mills County

6 SW Cheyenne 15 1720CST 0 0 Thunderstorm Wind (G56)

Wind was measured by the Oklahoma mesonet.

Roger Mills County

Strong City 15 1729CST 0 0 Thunderstorm Wind (G54)

Roger Mills County

5 E Strong City 15 1736CST 0 0 Thunderstorm Wind (G57)

Roger Mills County

8.5 NE Strong City to 9 NE Strong City 15 1741CST
1743CST 0.5 50 0 0 Tornado (F0)

Storm chasers observed a tornado on the front flank of the storm. No damage was reported with this tornado.

Roger Mills County

5 W Angora 15 1748CST 0.1 50 0 0 10K Tornado (F1)

Spotters reported a brief tornado five miles west of Angora crossing Highway 47. This tornado uprooted several large trees before dissipating.

Beckham County

1 E Mayfield 15 1750CST 0 0 Hail (0.75)

Beckham County

4 NNW Mayfield to 5.5 NNW Mayfield 15 1755CST
1758CST 1.5 200 0 1 1.0M Tornado (F1)

A tornado moved from 2 miles SSW to 0.5 miles SSE of Sweetwater causing major damage to portions of the Sweetwater school. A man received minor injuries when the trailer he was in rolled before coming to rest next to a fence. Several fence posts that had been cemented into the ground at the baseball field were uprooted and a forty foot by forty foot barn was destroyed.

Roger Mills County

5 NE Sweetwater 15 1800CST 0 0 Hail (1.75)

Jackson County

4.7 W Lincoln to 4.3 W Lincoln 15 1829CST
1830CST 1 300 0 0 Tornado (F0)

This is the second segment of the tornado that developed in Hardeman County, Texas and moved northeast into extreme western Jackson County before dissipating in Harmon County, Oklahoma. The tornado traveled a mile before moving into Harmon County 11.5 miles SSW of Gould at 1830 CST. No damage was reported with this segment of the tornado.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OKLAHOMA, Western, Central and Southeast									
Harmon County									
11.5 SSW Gould to 9.5 S Gould	15	1830CST 1836CST	4.5	300	0	0	30K		Tornado (F1)
This is the final segment of the tornado that began in Hardeman County, Texas then moved northeast into extreme western Jackson County, Oklahoma before dissipating in Harmon County. The tornado caused F1 damage during this portion of the path. A farm located 10 miles south of Gould and 1 mile west of Highway 5 had five outbuildings destroyed and damaged the roof to a brick home. The tornado continued northeast and downed power lines along Highway 5 then dissipated approximately 1 mile east of Highway 5 at 1834 CST.									
Roger Mills County									
1 SE Strong City	15	1835CST			0	0			Thunderstorm Wind (G52)
Harmon County									
Hollis	15	1836CST			0	0			Thunderstorm Wind (G52)
Beckham County									
Carter	15	1845CST			0	0			Thunderstorm Wind (G78)
Harmon County									
3 W Gould	15	1845CST			0	0			Thunderstorm Wind (G58)
Wind was measured by the Oklahoma mesonet.									
Harmon County									
8 SW Hollis	15	1848CST			0	0			Hail (0.75)
Jackson County									
1.5 S Duke to 3 NE Duke	15	1853CST 1859CST	4	50	0	0	7.5K		Tornado (F1)
The storm that produced the tornado that started in Hardeman County Texas continued to move northeast and produced another tornado near Duke, Oklahoma. The tornado blew the roof off a greenhouse approximately two miles northeast of Duke. Six power poles were also downed along with numerous trees damaged.									
Beckham County									
7 E Sayre	15	1856CST			0	0			Thunderstorm Wind (G69)
Washita County									
Canute	15	1903CST			0	0			Thunderstorm Wind (G50)
Custer County									
Stafford	15	1917CST			0	0	15K		Thunderstorm Wind (G65)
Roof was blown off of mobile home.									
Custer County									
5 E Clinton	15	1940CST			0	0			Thunderstorm Wind (G52)
Kiowa County									
8 E Hobart	15	1942CST			0	0			Hail (1.00)
Kiowa County									
7 E Hobart	15	2000CST			0	0			Hail (1.00)
OKZ006>007									
Alfalfa - Grant	15	2100CST 2200CST			0	0			High Wind (G53)
A strong surface low located in southern Kansas caused strong southerly gradient winds in extreme North Central Oklahoma. The highest measured wind gust was 53kts(61mph) measured by the Oklahoma mesonet.									
McClain County									
Newcastle	15	2213CST			0	0	5K		Thunderstorm Wind (G65)
A barn roof was blown off. Shingles were also removed from a house along with some tree damage near the intersection of Highway 62 and Southeast 16th Street.									
Cleveland County									
Moore	15	2220CST			0	0	2K		Thunderstorm Wind (G61)
Numerous signs were damaged and small trees uprooted at Interstate 35 and South 19th Street.									
Payne County									
11 SW Stillwater	15	2220CST			0	0			Thunderstorm Wind (G51)
Wind was measured by the Oklahoma mesonet.									
Oklahoma County									
6 S Edmond	15	2221CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western, Central and Southeast									
Cleveland County									
Moore	15	2225CST 2230CST			0	0	4.2K		Thunderstorm Wind (G61)
Some fences were reported damaged and a few tree limbs were downed. Two metal storage sheds were also blown over and moved a few feet. The damage was within a path of one mile and a width of 100 yards.									
Cleveland County									
Norman	15	2225CST			0	0			Thunderstorm Wind (G52)
Oklahoma County									
3.7 SSW Choctaw to 2 SSE Choctaw	15	2241CST 2245CST	3.2	70	0	0	125K		Tornado (F1)
The main damage was to a church on the NW corner of SE 15th Street and Henney Road where part of the west wall was damaged. The tornado also caused roof damage to homes near the intersections of SE 10th Street and Choctaw Road, and Falcon Way and Choctaw Road. A few sheds were also damaged. Trees were damaged along the entire path of the tornado. The tornado path was from near SE 19th Street and Shirley Lane to just east of Indian Meridian Road, about 0.3 N of Reno Avenue.									
Oklahoma County									
3 ESE Choctaw	15	2247CST			0	0	1K		Thunderstorm Wind (G69)
A number of large trees were damaged in a neighborhood along NE 12th Street just west of Peebly Road.									
Lincoln County									
8 S Wellston to 6 SSE Wellston	15	2256CST 2300CST	4	100	0	0	20K		Tornado (F1)
This nighttime tornado moved northeast for four miles uprooting and damaging numerous trees. A roof was blown off an outbuilding approximately 7.5 miles south of Wellston. A trailer roof was also damaged approximately 7 miles south-southeast of Wellston.									
Lincoln County									
Wellston	15	2258CST			0	0	1K		Thunderstorm Wind (G56)
Highway signs were blown down.									
Lincoln County									
5 SW Chandler	15	2301CST			0	0			Hail (1.00)
Jefferson County									
2 ENE Grady	15	2310CST			0	0			Thunderstorm Wind (G52)
OKZ009									
Ellis	16	0220CST			0	0			High Wind (G51)
The wind gust was measured at the Oklahoma mesonet site located 8 WSW of Arnett. This wind occurred a few hours after a line of severe thunderstorms had moved through the area.									
OKZ004>017									
Harper - Woods - Alfalfa - Grant - Kay - Ellis - Woodward - Major - Garfield - Noble - Roger Mills - Dewey - Custer - Blaine									
	16	0720CST 1700CST			0	0			High Wind (G56)
A strong surface low pressure moved across Kansas with an associated cold front moving across Oklahoma. The strong surface low pressure caused a tight pressure gradient across Oklahoma causing high winds across northern and portions of central Oklahoma. Many Oklahoma mesonet sites reported wind gusts ranging from 50 knots to 56 knots across northwestern and portions of west central Oklahoma. The highest measured gust of 56 knots was reported at 4 WNW of Camargo in Dewey County. Sustained winds exceeding 35 knots with gusts near 44 knots were measured across north central and portions of central Oklahoma.									
Greer County									
2 W Lake Creek to 2 N Lake Creek	19	0004CST 0007CST			0	0	10K		Thunderstorm Wind (G78)
Three barns sustained damage. One barn received significant damage while two power poles, a shed, and a large tree were also damaged.									
Greer County									
5 SE Mangum	19	0005CST			0	0			Thunderstorm Wind (G60)
Wind was measured by the Oklahoma mesonet.									
Greer County									
Mangum	19	0010CST			0	0	2K		Thunderstorm Wind (G61)
Power lines were downed.									
Washita County									
11 W Sentinel	19	0020CST			0	0			Thunderstorm Wind (G62)
Wind was measured by the Oklahoma mesonet.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western, Central and Southeast									
Woodward County									
3 SE Ft Supply	19	0020CST			0	0			Hail (1.00)
Washita County									
11 W Sentinel	19	0025CST			0	0			Thunderstorm Wind (G54)
			Wind was measured by the Oklahoma mesonet.						
Harper County									
5 S Lovedale	19	0030CST			0	0			Hail (0.75)
Custer County									
6 W Arapaho	19	0040CST			0	0			Hail (0.88)
Woods County									
13 NW Alva	19	0100CST			0	0			Hail (0.75)
Jackson County									
4 S Humphreys	19	0115CST			0	0			Hail (1.00)
Tillman County									
Tipton	19	0120CST			0	0			Hail (2.75)
Tillman County									
Frederick	19	0127CST			0	0			Hail (1.75)
Tillman County									
Frederick	19	0127CST			0	0			Thunderstorm Wind (G61)
Tillman County									
1 N Frederick	19	0130CST			0	0			Hail (4.50)
Woodward County									
18 N Mooreland	19	0130CST			0	0			Hail (0.75)
Tillman County									
Manitou	19	0132CST			0	0			Hail (1.00)
Kiowa County									
Snyder	19	0134CST			0	0			Hail (1.00)
Tillman County									
Frederick	19	0135CST			0	0			Hail (1.00)
Kiowa County									
6 E Snyder	19	0145CST			0	0			Hail (0.75)
Comanche County									
10 W Lawton	19	0155CST			0	0			Hail (1.00)
Comanche County									
Cache	19	0200CST			0	0			Thunderstorm Wind (G52)
Comanche County									
5 W Lawton	19	0215CST			0	0	2.5K		Thunderstorm Wind (G52)
			Tree limbs were downed. Some roofs and outbuildings were also damaged.						
Harmon County									
2 S Mc Queen	19	0220CST			0	0			Hail (0.75)
Harmon County									
3 W Vinson	19	0220CST			0	0	0.50K		Thunderstorm Wind (G61)
			Tree limbs were downed.						
Jackson County									
10 W Elmer	19	0228CST			0	0			Hail (1.75)
Grant County									
Renfrow	19	0230CST			0	0			Hail (0.75)
Canadian County									
3 E Niles	19	0245CST			0	0			Hail (1.00)
			Hail was reported covering ground.						
Kiowa County									
6 E Snyder	19	0255CST			0	0			Hail (1.75)
Grady County									
7 SW Minco	19	0305CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western, Central and Southeast									
Kingfisher County									
Kingfisher	19	0305CST			0	0			Hail (0.75)
Logan County									
3 N Crescent	19	0315CST			0	0			Thunderstorm Wind (G52)
Logan County									
Marshall	19	0400CST			0	0			Hail (0.75)
Garfield County									
7 S Hayward	19	0415CST			0	0			Thunderstorm Wind (G52)
Comanche County									
8 NE Indianoma	19	0445CST			0	0			Hail (0.88)
Kay County									
3 W Ponca City	19	0511CST			0	0			Hail (1.00)
Cotton County									
4 E Hulen	19	0600CST			0	0			Hail (0.75)
Stephens County									
9 NW Duncan	19	0630CST			0	0			Hail (1.25)
Alfalfa County									
Lambert	19	1258CST			0	0			Hail (0.75)
Alfalfa County									
1 N Cherokee	19	1331CST			0	0			Hail (1.00)
Alfalfa County									
2 N Cherokee	19	1333CST			0	0			Hail (0.88)
Alfalfa County									
10 N Cherokee	19	1400CST			0	0			Hail (1.00)
Woodward County									
Mooreland	19	1435CST			0	0			Hail (0.88)
Woodward County									
8 W Woodward	19	1449CST			0	0			Thunderstorm Wind (G56)
			Wind was measured by Woodward AWOS.						
Woodward County									
Ft Supply	19	1450CST			0	0			Hail (1.00)
Alfalfa County									
10 E Byron	19	1455CST			0	0			Hail (1.00)
Grant County									
8 S Manchester	19	1455CST			0	0			Hail (1.00)
Grant County									
Wakita	19	1520CST			0	0			Hail (1.75)
Woods County									
7 SE Alva	19	1520CST			0	0			Hail (1.00)
Alfalfa County									
Ingersoll	19	1545CST			0	0			Hail (1.00)
Grant County									
2 S Medford	19	1545CST			0	0			Thunderstorm Wind (G78)
			Wind was reported at Highway 81.						
Grant County									
12 N Medford	19	1548CST			0	0			Hail (0.75)
Grant County									
5 W Medford	19	1620CST			0	0			Hail (0.75)
Grant County									
5 N Medford	19	1630CST			0	0			Hail (1.00)
Grant County									
Renfrow	19	1630CST			0	0			Hail (1.00)
Grant County									
5 E Medford	19	1635CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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

OKLAHOMA, Western, Central and Southeast

Grant County									
Deer Creek	19	1651CST			0	0			Hail (1.00)
Kay County									
2 W Braman	19	1655CST			0	0			Hail (0.75)
Kay County									
5 SE Braman	19	1707CST			0	0			Hail (0.88)
Kay County									
Braman	19	1711CST			0	0			Hail (1.00)
Kay County									
5 NE Blackwell	19	1713CST			0	0			Hail (1.15)
Kay County									
Braman	19	1714CST			0	0			Hail (0.88)
Kay County									
Newkirk	19	1715CST			0	0			Hail (1.00)
Kay County									
1 NW Newkirk	19	1735CST			0	0			Hail (1.00)
Kay County									
12 NE Newkirk	19	1750CST			0	0			Hail (0.88)
Bryan County									
Calera	19	2030CST			1	0			Lightning
A woman was killed when she was struck by lightning as she was walking to her car. F36OU									
Dewey County									
Taloga	23	0840CST			0	0			Hail (0.75)
Garfield County									
Vance Afb	23	1051CST			0	0			Hail (0.88)
Garfield County									
Vance Afb	23	1055CST			0	0			Hail (0.75)
Garfield County									
Enid	23	1057CST			0	0			Hail (0.75)
Cotton County									
19 W Walters to 19.1 W Walters	23	1616CST 1619CST	2	70	0	0			Tornado (F0)
Storm chasers observed this brief tornado develop five miles south of Chattanooga and move north two miles before dissipating in open country north of Highway 5.									
Stephens County									
3 N Velma	23	1820CST			0	0			Hail (0.75)
Garvin County									
Whitehead	23	1850CST			0	0			Hail (0.75)
McClain County									
6 W Byars	23	1915CST			0	0			Hail (0.75)
Jefferson County									
2 E Hastings	23	1920CST			0	0			Hail (1.75)
Jefferson County									
Waurika	23	1925CST 1935CST			0	0	400K		Thunderstorm Wind (G87)
Straight-line winds caused roof damage to 12 homes, uprooted or destroyed many trees, broke several windows, damaged an outbuilding at a golf course and damaged some signs at the Richard Football Field. The strong winds cut a damage path a quarter of a mile wide and 2 miles long through the town.									
Pottawatomie County									
Wanette	23	1928CST			0	0			Hail (0.88)
Carter County									
2 S Fox	23	1935CST			0	0			Hail (1.00)
Hail was reported on Highway 76.									
Stephens County									
Comanche	23	1935CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western, Central and Southeast									
Stephens County									
4 SE Duncan	23	1946CST			0	0			Hail (0.75)
Garvin County									
Elmore City	23	1953CST			0	0			Hail (0.75)
Jefferson County									
Waurika	23	1955CST			0	0			Hail (0.75)
Pontotoc County									
3 N Roff	23	2000CST			0	0	0.30K		Thunderstorm Wind (G65)
			A 14 inch diameter tree was reported across the road.						
Pottawatomie County									
St Louis	23	2000CST			0	0			Hail (0.75)
Stephens County									
Velma	23	2000CST			0	0			Hail (0.88)
Garvin County									
4 E Elmore City	23	2006CST			0	0			Hail (1.00)
Carter County									
Pooleville	23	2015CST			0	0			Hail (0.88)
Garvin County									
5 E Wynnewood	23	2015CST			0	0			Hail (0.88)
Murray County									
4 W Davis	23	2021CST			0	0			Hail (1.00)
Murray County									
4 W Davis	23	2021CST			0	0			Thunderstorm Wind (G61)
McClain County									
4 E Byars	23	2030CST 2035CST			0	0			Hail (0.88)
Pottawatomie County									
St Louis	23	2035CST			0	0			Hail (0.88)
Garvin County									
1 SW Stratford	23	2036CST			0	0			Hail (0.75)
Garvin County									
11 E Wynnewood	23	2036CST			0	0	2.5K		Thunderstorm Wind (G69)
			Several power poles were snapped.						
Garvin County									
14 E Wynnewood	23	2040CST			0	0	3.5K		Thunderstorm Wind (G65)
			Several trees and power lines were downed along with some roof damage.						
Pontotoc County									
14 SW Ada	23	2040CST			0	0	3.5K		Thunderstorm Wind (G65)
			Several trees and power lines were downed along with some roof damage.						
Pontotoc County									
3 N Vanoss	23	2045CST			0	0			Hail (1.25)
Pontotoc County									
Roff	23	2050CST			0	0			Hail (0.75)
Pontotoc County									
7 S Vanoss	23	2050CST			0	0	5K		Thunderstorm Wind (G69)
			Barn was reported destroyed.						
Seminole County									
Konawa	23	2050CST			0	0			Hail (0.88)
Seminole County									
5 WSW Bowlegs	23	2100CST			0	0			Hail (0.75)
Pontotoc County									
10 E Ada	23	2102CST			0	0			Thunderstorm Wind (G61)
Coal County									
Tupelo	23	2120CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 2003

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

Hughes County							
6 S Wetumka	23	2125CST			0 0		Hail (1.00)
Dewey County							
Taloga	24	0004CST			0 0		Hail (0.88)
Dewey County							
Seiling	24	0015CST			0 0		Hail (0.88)
Woods County							
3 S Alva	24	0015CST			0 0		Hail (0.75)
Woods County							
4 SW Alva	24	0015CST			0 0		Thunderstorm Wind (G52)
Major County							
Cleo Spgs	24	0045CST			0 0		Hail (0.75)
Grant County							
Manchester	24	0145CST			0 0		Hail (0.75)
Kingfisher County							
10 W Kingfisher	27	2101CST			0 0		Hail (0.75)
Ellis County							
8 SW Arnett	29	1710CST			0 0		Hail (0.75)
Roger Mills County							
Reydon	29	1838CST			0 0		Hail (0.75)
Roger Mills County							
5 N Reydon	29	1848CST			0 0		Hail (0.75)
Ellis County							
14 S Arnett	29	1855CST			0 0		Hail (0.75)
Tillman County							
4 S Tipton	29	1905CST			0 0		Hail (1.75)
Custer County							
Clinton	30	1815CST			0 0		Hail (0.88)
							Hail was reported on Interstate 40.
Custer County							
Clinton	30	1823CST			0 0		Hail (1.75)
Custer County							
4 N Clinton	30	1826CST			0 0		Hail (1.18)
Blaine County							
Canton Lake	30	1845CST			0 0		Hail (1.00)
Blaine County							
2 S Canton	30	1858CST			0 0		Hail (0.88)
Kay County							
5 W Braman	30	1950CST			0 0		Hail (0.75)
Alfalfa County							
1 E Jet	30	1955CST			0 0		Hail (0.88)
Grant County							
Nash	30	2000CST			0 0		Hail (1.00)
Grant County							
Nash	30	2009CST			0 0		Hail (0.75)
Grant County							
12 N Medford	30	2020CST			0 0		Hail (1.00)
Grant County							
4 E Nash	30	2027CST			0 0		Hail (1.00)
Grant County							
Hawley	30	2030CST			0 0		Hail (1.75)
Grant County							
Hawley	30	2046CST			0 0		Hail (2.00)

Storm Data and Unusual Weather Phenomena

April 2003

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

Grant County									
Hawley	30	2100CST			0	0	3.5K		Hail (2.50)
Numerous windows were reported broken.									
Grant County									
8 S Wakita	30	2116CST 2117CST			0	0			Funnel Cloud
Grant County									
4 W Medford	30	2127CST			0	0			Hail (1.25)
Hail was reported to cover the ground.									
Grant County									
Medford	30	2200CST 2201CST			0	0			Funnel Cloud
Grant County									
Medford	30	2208CST			0	0			Hail (1.75)
Grant County									
6 N Lamont	30	2255CST			0	0			Hail (1.00)
Kay County									
Braman	30	2300CST			0	0			Hail (1.00)
Kay County									
Braman	30	2305CST			0	0			Hail (0.75)
Kay County									
Braman	30	2315CST			0	0			Hail (1.00)

OREGON, Central and East

Deschutes County									
Redmond	02	1015PST 1200PST			0	0	10K		Dust Devil
A strong dust devil blew a piece of metal roofing into power lines at a local furniture store. The dust devil tore through Umatilla Park and Sports Complex, destroying five baseball dugouts. Sagebrush and papers were reported to the height of power poles, and power was locally lost for three hours.									
Deschutes County									
6 S Bend	14	1637PST			0	0			Funnel Cloud
A short lived cold core funnel cloud occurred 5-6 miles south of Bend.									
Umatilla County									
Ukiah	14	1645PST			0	0			Hail (0.75)
The hail also contributed to a truck running off the road into Camas Creek, three miles south of Ukiah. No injuries were reported from the accident.									

OREGON, Northwest

ORZ003>004-011									
Coast Range Of Nw Oregon - Central Coast Range Of W Oregon - Northern Oregon Cascades									
	01	0900PST			0	0			Heavy Snow
	03	0900PST							
A winter storm brought heavy snows to the Northwestern Oregon mountains. In the Cascades, two day accumulations included 12 inches at Timberline Lodge, 9 inches at White River and Government Camp, 14 inches at Santiam Pass, 7 inches at Mt Hood Meadows, and 11 inches at Willamette Pass. In the Coast Range, 17 inches fell at Laurel Mountain and 7 inches at Buxton.									
ORZ011									
Northern Oregon Cascades									
	05	0300PST			0	0			Heavy Snow
	06	1200PST							
Another strong Pacific storm dumped heavy snow in the Cascades. Reported 24 hour accumulations included 13 inches at White River, 12 inches at Timberline, 11 inches at Santiam Pass, 10 inches at Mt Hood Meadows, 9 inches at Government Camp and 8 inches at Bennett Pass.									
Clackamas County									
Molalla	10	1700PST			0	1			Lightning
Lightning struck Molalla resident Michael Gustafson, 46, just outside his home. Lightning apparently struck the victim in the head and traveled down his left side. His heart was stopped for a moment, and he was hospitalized at Oregon Health Sciences University for several days. He suffered extensive nerve damage and memory loss, requiring ongoing medical attention.									
Linn County									
Sweet Home	25	1730PST			0	1			Lightning
Sweet Home resident Byron Lacey, 40, was struck by lightning at Foster Reservoir. He was climbing a hill on his way back to his car to when he was struck. He was hospitalized Friday night and released Saturday. Injuries included a nickel sized blister on his left shoulder,									

Storm Data and Unusual Weather Phenomena

April 2003

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

Marion County

Keizer

singed hair, and temporary memory lapses.

29	1700PST 1800PST				0	0			Hail (1.00)
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Hailstones one-half inch to one and one-eighth inches were reported. Leaves and budding fruit were stripped from 40 pear, apple, and plum trees in the Keizer area.

Washington County

Tigard

29	1745PST				0	0			Funnel Cloud
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Reported Southwest of Tigard, exact location is not known.

Washington County

Beaverton

30	1700PST				0	0			Funnel Cloud
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Yamhill County

Mc Minnville

30	1700PST				0	0			Funnel Cloud
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Yamhill County

Newberg

30	1700PST				0	0			Funnel Cloud
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The McMinnville News Register reported 3 funnel clouds. The time of occurrence was not reported.

OREGON, Southeast

NOT RECEIVED.

OREGON, Southwest

ORZ029

Klamath Basin

04	0702PST				0	0			Heavy Snow
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Spotter KL53 at Keno reported 5.8 inches of new snow overnight.

No warning was in effect for this event as the heavy snow was expected to fall farther to the southeast. However, this report does meet the criteria for a Heavy Snow Warning.

PACIFIC

GUZ002

Micronesia

10	0000SST				2	0			Tropical Storm
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A weak circulation was noted on the evening of the 7th near 3N 157E. It had moved to near 4N 160E by the morning of the 9th. The Joint Typhoon Warning Center classified it as a Tropical Depression 02W later that day and to a tropical storm by the evening. It was 240 miles southeast of Pohnpei at this time. On the afternoon of the 10th the tropical storm was 125 miles east of Pohnpei. Despite the distance heavy rain fell across the island with about 10 inches of rain falling in the first 12 hours of the 10th. A young man in his early 20s was killed outside his home on the afternoon of the 10th when a tree branch fell on top of him while he was securing his home. Another man was killed in ocean waters. On the evening of the 10th the tropical storm was 100 miles northeast of Pohnpei and moving away.

On the morning of the 13th the tropical storm had strengthened to Typhoon Kujira when it was 475 miles east-southeast of Guam. The typhoon passed 170 miles south of Guam on the morning of the 15th M22OU, M351W

GUZ007

Saipan

28	1500SST 2000SST				0	0			Flood
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Favorable upper level winds enhanced rainshowers over Saipan. This caused flooding in poor drainage areas over the island. Residents in Susupe sought help from authorities due to flood water entering their houses. Residents of Tanapang also complained of floodwater. At around 1630, the wastewater pump in Garapan broke down due to too much rainwater getting into the system.

PACIFIC OCEAN

Cascade Head Or To

Cp Shoalwater Wa

Wwd 20Nm

Cape Lookout

02	1321PST				0	0			Waterspout
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Occurred 2 miles offshore of Neskowin. No damage was reported.

PENNSYLVANIA, Central

PAZ033

Somerset

07	0200EST 1400EST				0	0			Ice Storm
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A late season storm brought a wintry mix of precipitation to the region on the morning of Monday, April 7, 2003. Early morning snow changed to sleet and then freezing rain. County emergency management officials reported that one-half inch of ice had accumulated on exposed surfaces by mid-afternoon on the 7th, mainly over the higher elevations of the county.

Storm Data and Unusual Weather Phenomena

April 2003

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

PENNSYLVANIA, East

PAZ055

Monroe

01	1400EST				0	0			Winter Weather/Mix
	1800EST								

A burst of snow preceding a low pressure system caused slick roads across the Poconos and dozens of accidents. In Hamilton Township (Monroe County), a 23-year-old Pleasant Valley High School teacher was killed when her vehicle skidded across the median of U.S. Route 209 and struck a dump truck. The wintry mix slowed traffic on Interstates 80, 380 and 84. Accumulations included 2 inches in Pocono Summit (Monroe County) and 1.0 inch in East Stroudsburg (Monroe County). The snow burst preceded a low pressure system which moved from the upper Mississippi Valley the morning of April 1st into the Great Lakes the evening of the 1st. The first shot of precipitation during the afternoon came in quickly enough to fall as mainly snow. Enough warm air moved in from the Ohio Valley so by the time the second shot of precipitation arrived late in the evening of the 1st, it fell mainly as rain.

PAZ054>055

Carbon - Monroe

04	2200EST				0	0			Winter Weather/Mix
05	1100EST								

A large high pressure system entrenched over nearby Canada left enough cold air near the surface for precipitation to fall as freezing rain and sleet across the higher terrain of the Poconos and a mixture of rain, freezing rain and sleet in the valleys. Precipitation began during the late evening of the 4th and continued until around noon EST on the 5th. It took practically the whole event for the cold air to be scoured from the higher terrain. Ice accretions in the higher terrain averaged between one-tenth and two-tenths of an inch. Precipitation preceded a nearly stationary front across the Ohio Valley and the southern Middle Atlantic States. A low pressure system that formed on the frontal boundary was over Illinois during the early evening of the 4th and moved northeast into the Saint Lawrence Valley on the afternoon of the 5th. Precipitation ended a few hours prior to this low pressure system's occluded frontal passage.

PAZ054>055-060>061-067>071

Carbon - Monroe - Berks - Lehigh - Chester - Montgomery - Bucks - Delaware - Philadelphia

07	0530EST				0	0			Winter Weather/Mix
	2200EST								

PAZ062

Northampton

07	0700EST				0	0			Winter Storm
	2200EST								

A low pressure system passing to the south of the Delmarva Peninsula and a high pressure system passing across nearby Canada and New England once again combined to give Eastern Pennsylvania its last winter storm of the season. Accumulations ranged from 1 to 6 inches with the highest amounts in the southern Poconos, Lehigh Valley and the far northern Philadelphia suburbs. Snow fell heavy at times in those areas around Noon EDT. Precipitation started as snow during the morning commute throughout the area. Warmer air arriving from the nearby Atlantic near the surface and the southern states aloft started a slow changeover across the region. Precipitation was mixed with sleet from the start in Philadelphia and changed to plain rain in and around Philadelphia during the early afternoon. In the northern Philadelphia suburbs and Berks County, precipitation did not change to sleet until the afternoon. Precipitation changed to plain rain late in the afternoon, but pockets of freezing rain persisted until the precipitation ended during the late evening. About one tenth of an inch of ice accrued on exposed surfaces or on top of the snow. Across the Lehigh Valley, precipitation changed to sleet during the mid afternoon and freezing rain from the evening commute until it ended toward midnight EDT. Ice accretions were less than one tenth of an inch. Across the Poconos, precipitation changed to sleet during the evening commute and to freezing rain later that evening until it ended toward midnight EDT. Ice accretions were generally just a few hundredths of an inch.

Dozens of accidents were reported. Many vehicles slid off roads into ditches. The accumulating snow did not start until after people were either at work or school. From the northern Philadelphia suburbs north through Berks County, the Lehigh Valley and Poconos schools dismissed early. Some buses became stuck on hills. Some schools in the Poconos never opened. The worst accidents occurred in Bucks County where three fatalities occurred. In Buckingham Township about 10 a.m. EDT, a 41-year-old man and his 33-year-old wife were killed as passengers in a vehicle when they were struck by a landscaping truck on Pennsylvania State Route 413. In Bensalem Township, a 18-year-old Neshaminy High School girl was killed in a head-on collision with a van at about 2 p.m. EDT on Bensalem Boulevard. She was a passenger in a vehicle whose driver lost control of it, crossed the double yellow line and struck the van. The 19-year-old woman driver, a 17-year-old female passenger, an 18-year-old male passenger and the 52-year-old driver of the van were all critically injured.

Specific accumulations included 6.3 inches in Springtown (Bucks County), 6.2 inches in Saylorsburg (Monroe County), 6.0 inches in Forks Township (Northampton County), 5.2 inches in Palm (Montgomery County), 5.0 inches in Boyertown (Berks County) and Salisbury Township (Lehigh County), 4.5 inches in Pricetown (Berks County), 4.0 inches at the Lehigh Valley International Airport, in Pocono Summit (Monroe County), Reading (Berks County), Lansford (Carbon County) and Perkasio (Bucks County), 3.0 inches in Honeybrook and Downingtown (Chester County), 2.3 inches in Conshohocken (Montgomery County), 1.8 inches at the Philadelphia International Airport and 1.0 inch in Media (Delaware County)

The low pressure system moved from the Gulf Coast states on the 6th into the Tennessee Valley the night of the 6th. As the primary low pressure system moved toward Ohio the morning of the 7th, a secondary low pressure system was forming near Cape Hatteras, North Carolina. This second low pressure system became the primary system and moved northeast. It was just east of Wallops Island, Virginia during the evening of the 7th and was well east of the Delmarva Peninsula just past midnight EDT on the 8th.

Winter 2002-3 was one of the ten snowiest winters on record for most of Eastern Pennsylvania. At the Philadelphia International

Storm Data and Unusual Weather Phenomena

April 2003

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

Airport, the seasonal snowfall total was 46.3 inches, the 5th snowiest winter on record. At the Lehigh Valley International Airport, the seasonal snowfall total of 54.9 inches was the 7th snowiest winter on record.

PAZ054>055

Carbon - Monroe

09	0600EST	0	0						Winter Weather/Mix
	1000EST								

On the heels of the wintry mix from the 8th, another low pressure system formed across the southeastern United States and moved off the south Atlantic Coast. The northern edge of its precipitation shield reached into the Poconos the morning of April 9th. Enough cold air remained in place near the ground for precipitation to fall as light freezing rain in the higher terrain of the Poconos. Ice accretions were generally one tenth of an inch or less. Untreated roads and walkways were slippery. The low pressure system went from Mississippi the morning of April 8th into the upper Tennessee Valley that evening. The low pressure system then reformed along the Georgia and South Carolina coast overnight and moved offshore of the Carolina Coast the afternoon of the 9th. The Poconos were along the northwestern edge of this low pressure system's precipitation shield.

PAZ067

Chester

24	0900EST	0	2	0					Strong Wind
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Two construction workers were injured when a townhouse they were building in East Caln Township collapsed. A cinder block wall erected on the 23rd was blown over and crashed through three floors of the building. The measured peak wind gust at Philadelphia International Airport was 31 mph.

PENNSYLVANIA, Northeast

NOT RECEIVED.

PENNSYLVANIA, Northwest

NOT RECEIVED.

PENNSYLVANIA, West

Washington County

Claysville	04	2110EST	0	0	1K				Thunderstorm Wind (G55)
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Large trees and power lines blown down.

Washington County

Prosperity	04	2115EST	0	0	1K				Thunderstorm Wind (G55)
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Large trees and power lines blown down.

Greene County

Rices Lndg	04	2125EST	0	0	1K				Thunderstorm Wind (G55)
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Large trees and power lines blown down.

Indiana County

Robinson	05	0315EST	0	0	17K				Thunderstorm Wind (G55)
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Roof damage to 8 houses. Two out buildings destroyed. Numerous trees blown down.

Westmoreland County

Adamsburg	05	0300EST	0	0	75K				Thunderstorm Wind (G55)
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Several businesses in a row lost their roofs to a thunderstorm wind.

PAZ008>009-015>016-023-030-032 **Venango - Forest - Clarion - Jefferson - Indiana - Westmoreland - Fayette**

07	0200EST	0	0						Ice Storm
08	0700EST								

Snow and sleet late on the 6th, turning to freezing rain in the early morning of the 7th. The resulting ice glaze was one quarter to one half inch thick.

PUERTO RICO

Northeast

Naguabo	11	0900AST	0	0					Flash Flood
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Several small rivers were reported overflowing their banks.

Eastern Interior

Juncos	11	0900AST	0	0					Flash Flood
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Road 31 was reported flooded.

Eastern Interior

Las Piedras	11	1000AST	0	0	10K				Flash Flood
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Pueblito del Rio ward was reported flooded. Four houses Las Parcelas Boqueron were reported flooded.

Storm Data and Unusual Weather Phenomena

April 2003

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

PUERTO RICO

Northeast

Fajardo	17	0600AST 2359AST			0	0			Flash Flood
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Widespread showers and thunderstorms across Puerto Rico led to severe flooding in several municipalities of the northeast and south.

Central Interior

Countywide	17	0600AST 2359AST			0	0			Flash Flood
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Eastern Interior

Countywide	17	0600AST 2359AST			1	0	1.1M		Flash Flood
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M24BO

Northeast

Countywide	17	0600AST 2359AST			2	0	11.1M		Flash Flood
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M67IW, M65OU

Southeast

Countywide	17	0600AST 2359AST			0	0			Flash Flood
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Southwest

Countywide	17	0600AST 2359AST			0	0			Flash Flood
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Ponce And Vicinity

Countywide	17	1000AST 2359AST			0	0			Flash Flood
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An intense upper to mid level trough located west of Puerto Rico, coupled with an influx of moist and unstable southerly winds, managed to produce widespread showers and thunderstorms that affected the island of Puerto Rico and began early on Thursday morning. This event led to severe flooding in many municipalities, especially along the east half and portions of south and southwest Puerto Rico. Many houses were reported flooded in Fajardo, Las Piedras, Rio Grande, Naguabo and residents had to be placed in shelters. Several people had to be rescued from overflowing rivers. One person in Juncos was reported missing, when he was overtaken by a river crest from the Gurabo river, and his raft overturned. Another person drowned in Fajardo, and in Humacao one person was buried by a mud slide. An estimated of 21 roads in the areas of Ponce, Las Piedras, Naguabo, Rio Grande, San Lorenzo, Fajardo, Lajas, Guanica, Luquillo and Canovanas were declared unfit for transit, mostly due to flooding and mudslides. In Naguabo, large mudslides were reported in the Florida and Rio Blanco area. Both La Plata and Carraizo water reservoir levels returned back to normal after the dry spell of previous months. Several rivers spilled over their banks, knocking down utility posts in Rio Grande.

Central Interior

Countywide	18	0000AST 2359AST			0	0			Flash Flood
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Eastern Interior

Countywide	18	0000AST 2359AST			0	0	1.1M		Flash Flood
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Mayaguez And Vicinity

Countywide	18	0000AST 2359AST			0	0			Flash Flood
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North Central

Countywide	18	0000AST 2359AST			0	0			Flash Flood
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Northeast

Countywide	18	0000AST 2359AST			0	0	11.1M		Flash Flood
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Northwest

Countywide	18	0000AST 2359AST			0	0			Flash Flood
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Ponce And Vicinity

Countywide	18	0000AST 2359AST			0	0			Flash Flood
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Southeast

Countywide	18	0000AST 2359AST			0	0			Flash Flood
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Storm Data and Unusual Weather Phenomena

April 2003

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

Southwest

Countywide	18	0000AST 2359AST			0	0			Flash Flood
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Western Interior

Countywide	18	0000AST 2359AST			0	0	300K		Flash Flood
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Showers and thunderstorms continued to affect the island of Puerto Rico for the second day in a row. Flooding was reported mainly along the southern, central, eastern and western regions. Around 55,000 people were without water, and 16,000 without power. Stretches of 10 roads were closed off to traffic in Ponce, Humacao, Mayaguez, Fajardo, Ceiba, Luquillo, Sabana Grande, Yauco and Las Piedras due to flooding and mudslides. In the southern city of Ponce, stretches of Highway 2 and Las Americas were closed off to traffic due to flooding. Severe flooding was reported along route 385 in Peñuelas, at the main town entrance. The Vista Alegre neighborhood was reported under several feet of water. In the western region, several residential areas were reported under water, with mudslides and flooding affecting several roads. Roads in stretches of La Parguera, barrio Maguayo and barrio Olivares in Lajas, suffered landslides and severe flooding. In Cabo Rojo, route 3301 in El Combate sector was also under water, while debris and fallen utility posts clogged route 308 in the Puerto Real community and route 301 in El Caño ward. In Mayaguez, flooding led to debris accumulation along a stretch of route 102 in the Guanajibo community. A state of emergency was declared by the Commonwealth government for the municipalities Fajardo, Rio Grande, Naguabo, Las Piedras, Juncos, Humacao, and Luquillo, the seven worst affected municipalities. Other severely impacted municipalities were Maunabo, San Lorenzo, Canovanas, Loiza and Arecibo. Most of damages in the western region were related to agriculture. Regional power and water supply systems suffered serious damages, as well as highways, bridges, schools and homes due to flooding and landslides. The highest 48 hour rainfall accumulations ending at 0800 AST April 18th were recorded at Naguabo with 17.33 inches, followed by Gurabo, 15.17 inches; Las Piedras, 14.42 inches; Luquillo, 13.84 inches; Rio Grande, 10.31 inches; and Ponce, 7.10 inches. The most intense rainfall occurred in the upper part of Naguabo where the rainfall values equaled the 50 and 25 year 24 hour rainfall rates. The Commonwealth of Puerto Rico Office of Management and Budget estimated total damages at \$24,323,370 for this flood event.

San Juan And Vicinity

Bayamon	19	1155AST			0	0			Heavy Rain
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Local TV Station channel 2 reported a creek out of its banks in Bayamon that was affecting several neighborhoods like Magnolia Gardens, Bayamon Gardens, and the Aldea sector. Also, two mud slides were reported.

San Juan And Vicinity

Toa Alta	19	1200AST 1400AST			0	0			Heavy Rain
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One creek was reported out of its banks.

Ponce And Vicinity

Juana Diaz	22	2050AST			0	0			Heavy Rain
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Urban flooding was reported along road 149.

Ponce And Vicinity

Ponce	22	2050AST			0	0			Heavy Rain
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Urban flooding was reported along Highway 52.

San Juan And Vicinity

Countywide	23	1730AST 2359AST			0	0	150K		Flash Flood
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Urban and flash flooding was reported in the San Juan area. Kennedy Avenue, De Diego Avenue and Las Americas Expressway were reported flooded. River Puerto Nuevo was reported out of its banks, several houses were flooded and people were evacuated. In the area of College Park and Reparto Metropolitan a nearby creek was reported out of its banks and flooding some houses. In Bayamon some roads were impassable and houses were flooded at road 174 in Barrio Minillas. In Guaynabo, a creek was running through Villa Isleña. In Barrio Santa Rosa, road 837, several houses were flooded.

Showers and thunderstorms that developed during the afternoon over the central interior sectors spread southwest to the San Juan Metropolitan area.

PRZ006

Central Interior

	23	1858AST			0	0			Flood
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A section of Route 2 in Caguas was flooded and partially closed.

PRZ004

Eastern Interior

	23	2150AST			0	0			Flood
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	24	0010AST							
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River Rio Caguitas was reported still out of its banks.

PRZ005

North Central

	23	2332AST			0	0			Flood
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	24	0600AST							
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River Rio Grande de Manati was reported out of its banks and blocking roads 666 and 667.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>PUERTO RICO</u>									
PRZ006									
			Central Interior						
	23	2358AST			0	0			Landslide
	A landslide was reported in Naranjito and at road 159 in Corozal.								
PRZ005									
			North Central						
	25	2359AST			0	0			Flood
	26	0300AST							
	River Rio Grande de Manati was reported overflowing its banks at Barrio Cachete in Barceloneta. .								
Western Interior									
San Sebastian									
	26	1342AST 1820AST			0	0			Heavy Rain
	Highway 111 was reported flooded and impassable.								
<u>RHODE ISLAND</u>									
Newport County									
Newport to Tiverton									
	11	1000EST			0	0			Heavy Rain
	12	1500EST							
	A slow moving low pressure system passing south of New England dumped around two inches of rain in Newport County, with lesser amounts across the rest of Rhode Island. There were no reports of flooding, aside from the usual minor urban and poor drainage flooding.								
	Some specific rainfall totals included 2.33 inches in Tiverton and 1.98 inches in Newport.								
<u>SOUTH CAROLINA, Central</u>									
Barnwell County									
Northeast Portion									
	10	0715EST 0915EST			0	0	0	0	Flash Flood
	Small streams spilled over their banks and flooded county roads and low lying areas in and around Hilda (east and northeast Barnwell county).								
Newberry County									
Prosperity									
	10	0720EST 0920EST			0	0	0	0	Flash Flood
	Small streams spilled over their banks flooding country roads and low lying areas in and around Prosperity.								
Saluda County									
1 NE Saluda									
	21	1814EST			0	0	0	0	Thunderstorm Wind (G50)
	Highway Dept reported a few trees down on hwy 194 just northeast of Saluda.								
Edgefield County									
Johnston									
	21	1845EST			0	0		0	Thunderstorm Wind (G55)
	Sheriff reported large limbs and trees down in and around Johnston.								
Calhoun County									
11 NW St Matthews									
	21	1858EST			0	0		0	Hail (0.88)
	WIS TV reported nickel size hail at Sandy Run.								
Richland County									
2 S Gadsden									
	21	1918EST			0	0	0	0	Hail (0.75)
	Post Office reported dime size hail just south of Gadsden.								
Orangeburg County									
3 NNE Holly Hill to 1.5 NNE Eutawville									
	25	0942EST 1054EST	5	60	0	0		0	Tornado (F0)
	An F0 tornado intermittently touched down from Connors to Bayview taking down trees and powerlines.								
Lancaster County									
8 E Lancaster									
	26	1257EST			0	0	0	0	Hail (0.75)
	HAM reported dime size hail east of Lancaster.								
<u>SOUTH CAROLINA, North Coastal</u>									
Florence County									
Scranton									
	26	1015EST			0	0			Hail (0.75)
	Penny size hail was reported.								
Florence County									
Scranton									
	26	1020EST			0	0			Hail (0.75)
	Florence 911 reported penny size hail.								

Storm Data and Unusual Weather Phenomena

April 2003

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 CAROLINA, North Coastal</u>									
Marlboro County									
2.5 E Bennettsville	26	1425EST			0	0			Hail (1.00)
			The Sheriff's department reported quarter size hail.						
Dillon County									
Little Rock	26	1520EST 1525EST			0	0			Hail (0.75)
			A trained spotter reported penny size hail.						
<u>SOUTH CAROLINA, Northwest</u>									
Anderson County									
Countywide	06 07	1900EST 0700EST			0	0			Heavy Rain
Greenville County									
Countywide	06 07	1900EST 0700EST			0	0			Heavy Rain
Laurens County									
Countywide	06 07	1900EST 0700EST			0	0			Heavy Rain
Spartanburg County									
Countywide	06 07	1900EST 0700EST			0	0			Heavy Rain
			A prolonged period of moderate to heavy rainfall resulted in mainly urban type flooding across portions of upstate South Carolina. In the city of Greenville, a portion of I-385 was blocked due to a mudslide and some standing water.						
SCZ001>003									
Oconee Mountains - Pickens Mountains - Greenville Mountains									
	10	0900EST 1400EST			0	0			Winter Weather/Mix
			A heavy, wet snow developed across the mountains of South Carolina during the mid morning, and lasted into the early afternoon. Some of the highest elevations reported 4-5 inches of accumulation, including Caesar's Head. However, most locations received less than 3 inches. Many roads became slick and several traffic accidents resulted.						
Cherokee County									
Gaffney	10	0940EST			0	0	15K		Lightning
			Lightning caused minor damage to two homes and ignited a small fire.						
SCZ014									
Chester									
	10 11	2300EST 0500EST			0	0			Flood
			An extended period of moderate to heavy rainfall resulted in slow rises along the Catawba River, which eventually flooded some lowlands and recreational areas in the eastern part of the county.						
SCZ008									
Cherokee									
	10 11	2300EST 0500EST			0	0			Flood
			An extended period of moderate to heavy rainfall resulted in slow rises, and eventual flooding along the Broad River and some of its tributaries in eastern portions of the county.						
SCZ014									
Chester									
	18	0600EST 1100EST			0	0			Flood
			An extended period of moderate to heavy rainfall resulted in gradual rises and eventual minor flooding on the Broad River along the Union County line.						
SCZ013									
Union									
	18	0600EST 1100EST			0	0	100K		Flood
			An extended period of moderate to heavy rainfall resulted in slow rises along creeks and streams, culminating in flooding which developed during the morning hours. Some roads and bridges were flooded, including Meansville Road near Jonesville. Some homes and businesses were flooded in Lockhart. The Broad River flooded some fields and roads in locations from Lockhart to Carlisle.						
SCZ007									
Spartanburg									
	18	0600EST 1100EST			0	1	25K		Flood
			Persistent moderate to heavy rainfall resulted in gradual rises along creeks and streams, culminating in flooding that began during the morning hours, mainly in the Pacolet area. A motorist drove into a washed out portion of a road, resulting in an injury to the motorist.						

Storm Data and Unusual Weather Phenomena

April 2003

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, Northwest</u>									
SCZ012 Laurens									
	18	0700EST 1100EST			0	0			Flood
									Little River and several small streams flooded roads in the city of Laurens. A creek flooded a bridge in Waterloo, and another bridge was flooded west of Laurens.
Abbeville County									
6 S Abbeville	21	1700EST			0	0			Thunderstorm Wind (G65)
									Strong straight line winds were responsible for blowing down hundreds of trees for several hundred yards south of the tornado track.
Abbeville County									
5 S Abbeville	21	1705EST 1706EST	0.3	100	0	0			Tornado (F1)
									A tornado touched down briefly in the Parsons Mountain area of the Sumter National Forest, blowing down several hundred trees along its 1/4 mile track.
Greenwood County									
8 SSW Greenwood	21	1720EST			0	0			Thunderstorm Wind (G60)
									Some trees were blown down in the Whitehall area.
Abbeville County									
South Portion	21	1830EST 2030EST			0	0			Flash Flood
									Heavy rainfall produced by a complex of thunderstorms resulted in rapid rises and flooding along several creeks and streams in areas from Abbeville southward. A road required closing in Abbeville.
York County									
Hickory Grove	26	1128EST			0	0			Hail (0.75)
York County									
1 N Sharon	26	1215EST			0	0			Hail (1.00)
									Hail accumulated to depths of at least an inch.
York County									
2 S Rock Hill	26	1235EST			0	0			Hail (1.50)
Oconee County									
6 NNW Salem	29	1415EST			0	0			Hail (1.50)
									Hail was reported off of highway 130.
Oconee County									
Tamassee	29	1505EST			0	0			Hail (1.75)
Pickens County									
Pickens	29	1845EST			0	0			Hail (0.75)
<u>SOUTH CAROLINA, South Coastal</u>									
Jasper County									
6 S Hardeeville	07	1435EST			0	0			Thunderstorm Wind (G50)
									Large limbs and power lines were down.
Beaufort County									
Sheldon	26	0815EST			0	0			Hail (0.88)
Beaufort County									
3 E Beaufort	26	0820EST			0	0			Hail (0.88)
Charleston County									
Johns Is	26	0920EST			0	0			Hail (0.75)
<u>SOUTH DAKOTA, Central and North</u>									
Brown County									
3 NE Bath to	03	1300CST			0	0			Wildfire
3 SE Bath	06	1200CST							
									Dry vegetation along with windy conditions caused a grassland burn northeast of Bath near the James River to get out of control during the early afternoon hours. Strong north to northeast winds of 20 to 35 mph caused the fire to spread quickly south along the James River. The fire became one and a half miles wide and burned six miles to the south before it was brought under control. A total of four thousand acres was burned. The smoke from the fire could be seen from miles around and lowered visibilities enough to close State Highway 12 two different times. One time, traffic had to be diverted on Highway 12 for six hours due to the low visibility in smoke. Also, the Burlington Northern/Sante Fe Railroad was delayed in Bristol and Andover on April 3rd because of the smoke. Twenty-one fire departments with around 250 people worked to bring the fire under control.

Storm Data and Unusual Weather Phenomena

April 2003

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

SDZ050-062>071 **Gregory - Minnehaha - Charles Mix - Douglas - Hutchinson - Turner - Lincoln - Bon Homme - Yankton - Clay - Union**

06	1400CST				0	0	10K		Heavy Snow
07	1100CST								

Wet snow accumulated 6 to 10 inches. The snowfall caused travel and event delays, with many school systems either delaying or cancelling classes on Monday the 7th. The snowfall contributed to several accidents. A few power lines were reported down because of the weight of the snow.

SDZ056>061 **Moody - Brule - Aurora - Davison - Hanson - Mccook**

06	1700CST				0	0			Winter Weather/Mix
07	1100CST								

Wet snow accumulated to 3 to 6 inches, causing travel delays. A few school systems delayed the start of classes on Monday the 7th.

Yankton County

Yankton	15	1839CST			0	0			Hail (1.00)
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Yankton County

Yankton	15	1850CST			0	0			Hail (0.75)
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Lincoln County

3 N Tea	15	1950CST			0	0			Hail (0.75)
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Minnehaha County

Sioux Falls	15	1952CST			0	0			Hail (0.75)
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SOUTH DAKOTA, West

SDZ028>029 **Central Black Hills - Southern Black Hills**

03	1700MST				0	0	0	0	Winter Storm
04	0600MST								

An upper level disturbance moved across western South Dakota during the nighttime hours. Snowfall amounts generally ranged from 2 to 6 inches across the Black Hills. Locally higher amounts of 8 to 14 inches fell across the higher elevations of the central and southern Black Hills.

SDZ046>047-049 **Mellette - Todd - Tripp**

06	1200MST				0	0	0	0	Winter Storm
	2300MST								

A strong storm system moved across the central Plains, bringing heavy snows to parts of south central South Dakota. Light snow began to fall during the late morning hours and increased in intensity during the afternoon. Snow then tapered off by late evening. Snowfall amounts of 4 to 8 inches were common across the area, with the heavier accumulations across southern Todd and southern Tripp Counties.

SDZ024-028>029 **Northern Black Hills - Central Black Hills - Southern Black Hills**

30	0600MST				0	0	0	0	Winter Storm
	2300MST								

A strong storm system moved across the region, bringing heavy snow to higher elevations of the Black Hills. A mixture of rain and snow changed over to all snow during the morning hours at elevations above 4500 feet and continued through the afternoon. Snowfall amounts ranged from 4 to 8 inches at elevations above 4500 feet, with 10 to 14 inches falling on the highest elevations of the Black Hills.

TENNESSEE, Central

Wilson County

Watertown	05	0120CST			0	0			Thunderstorm Wind (G50)
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Public reported trees down.

Putnam County

Cookeville to Algood	05	0200CST 0205CST			0	0	20K		Thunderstorm Wind (G55)
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EMA reported numerous trees down from Cookeville to Algood. One tree fell on a house, and several trees landed on cars.

Dekalb County

1.7 SSW Alexandria to 4.7 SE Alexandria	05	0300CST 0305CST			0	0	20K		Thunderstorm Wind (G55)
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Newspaper article stated several homes, barns and outbuildings sustained roof damage from strong thunderstorm winds from Coon Branch Road to Pumpkin Hollow Road. A large tree fell on a house on Old Liberty Road. A garage behind the home was totally destroyed.

Dickson County

Dickson	05	1224CST			0	0	5K		Thunderstorm Wind (G50)
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Damage to a log cabin at a flea market.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, Central									
Trousdale County									
2.2 SE Hartsville	06	1315CST			0	0	5K		Thunderstorm Wind (G60)
									Newspaper article mentioned that 2 barns were destroyed, and another barn and shed were damaged from strong thudnerstorm winds. A large tree was toppled across the street from his house on Lock Six Rd.
Cumberland County									
8.8 NE Crossville	06	1155CST			0	0			Hail (0.75)
									Spotter reported penny size hail at Fairfield Glade.
Cheatham County									
Ashland City	06	1206CST			0	0			Hail (1.00)
									Trained spotter reported quarter size hail.
Davidson County									
Lakewood	06	1230CST			0	0			Hail (0.75)
									NWS employee reported penny size hail.
Dickson County									
Charlotte	06	1235CST			0	0			Hail (0.88)
									Law enforcement reported nicklel size hail.
Davidson County									
Goodlettsville	06	1355CST			0	0			Hail (0.75)
									NWS employee reported penny size hail.
Wayne County									
5 S Waynesboro	20	1715CST			0	0			Hail (0.75)
									Penny size hail observed.
Lawrence County									
Lawrenceburg	20	1752CST			0	0			Hail (0.88)
									Nickel size hail reported.
Lawrence County									
Lawrenceburg	20	1755CST			0	0			Hail (1.00)
									Quarter size hail observed.
Warren County									
Mc Minnville	20	2137CST			0	0			Hail (0.75)
									Ham reported penny sized hail.
Wilson County									
Mt Juliet	23	1413CST			0	0			Thunderstorm Wind (G50)
									Skywam Spotter reported trees were blown down.
Lincoln County									
Fayetteville	25	1030CST			0	0			Hail (0.75)
									Spotter observed penny size hail.
Franklin County									
Huntland	25	1034CST			0	0			Hail (0.75)
									Spotter reported penny size hail.
Hickman County									
Lyles	25	1401CST			0	0			Thunderstorm Wind (G50)
									Trees were blown down.
Williamson County									
Fairview	25	1413CST			0	0			Hail (0.75)
									Penny size hail reported.
Davidson County									
Belle Meade	25	1458CST			0	0			Hail (0.75)
									Nashville Metro EOC reported penny size hail.
Maury County									
Columbia	25	1505CST			0	0			Hail (1.00)
									Spotter reported quarter size hail.
Williamson County									
8.9 NE Franklin	25	1510CST			0	0			Hail (0.75)
									Amateur radio report of penny size hail in Brentwood.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time 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

Davidson County

Antioch	25	1515CST			0	0			Hail (0.75)
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Spotter observed penny size hail.

Wilson County

3 S Mt Juliet	25	1545CST			0	0			Hail (0.75)
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Spotter reported penny size hail.

Rutherford County

La Vergne	25	1550CST			0	0			Hail (1.00)
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Spotter reported quarter size hail.

Wilson County

Gladeville	25	1550CST			0	0			Hail (0.75)
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EMA reported penny size hail.

Rutherford County

Christiana	25	1555CST			0	0			Hail (1.00)
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Hail the size of quarters was reported by SKYWARN Spotter near U.S. Highway 231.

Rutherford County

La Vergne	25	1600CST			0	0			Hail (0.88)
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Spotter reported nickel size hail.

Coffee County

North Portion	25	1620CST			0	0			Hail (0.75)
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Spotter reported penny size hail.

Rutherford County

14 SE Murfreesboro	25	1620CST			0	0			Hail (0.75)
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Spotter reported penny size hail.

Coffee County

Tullahoma	25	1652CST			0	0			Hail (0.75)
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Ham reported penny size hail.

Warren County

Mc Minnville	25	1710CST			0	0			Hail (0.75)
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EMA office reported penny size hail.

Warren County

3 E Mc Minnville	25	1715CST			0	0			Thunderstorm Wind (G50)
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Spotter reported trees down on Shellsford Rd.

Coffee County

Hillsboro	25	1718CST			0	0			Hail (1.00)
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Amateur radio operator reported quarter size hail.

Putnam County

Silver Pt	25	1720CST			0	0			Hail (0.75)
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Spotter observed penny size hail.

Grundy County

Altamont	25	1740CST			0	0			Hail (0.75)
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Spotter reported penny size hail.

Jackson County

Gainesboro	25	1746CST			0	0			Hail (0.75)
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Spotter reported penny size hail.

Dickson County

4 S Dickson	29	1550CST			0	0			Hail (0.75)
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Penny size hail observed.

Hickman County

7.6 NE Centerville	29	1550CST			0	0			Hail (0.75)
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Spotter reported dime size hail.

Maury County

Mt Pleasant	29	1610CST			0	0			Hail (0.88)
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Public report of nickel size hail.

Hickman County

5 NE Centerville	29	1641CST			0	0			Hail (0.75)
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Spotter reported dime size hail.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TENNESSEE, Central</u>									
Wilson County									
5 W Lebanon	29	1706CST			0	0			Hail (0.75)
			Sheriff's office reported penny size hail.						
Sumner County									
Gallatin	29	1818CST			0	0			Hail (1.00)
			NWS employee reported hail the size of quarters.						
Lewis County									
5 SE Hohenwald	29	1821CST			0	0			Hail (1.75)
			Spotter reported hail the size of golf balls at intersection of Highway 20 and Natchez Trace Pkwy.						
Lawrence County									
12 N Lawrenceburg	29	1839CST			0	0			Hail (0.88)
			THP reported nickel size hail.						
Sumner County									
Bethpage	29	1840CST			0	0			Hail (0.75)
			Spotter reported penny size hail near Bethpage on U.S. Highway 31E.						
Maury County									
3 S Columbia	29	1955CST 2300CST			0	0			Flash Flood
			EMA reported several roads closed in the southern part of the county due to high water.						
Lewis County									
14 SE Hohenwald	29	2000CST 2300CST			0	0			Flash Flood
			TDOT reported a bridge washed out, and homes threatened by high water in the West Fork area.						
Overton County									
Hanging Limb	29	2025CST			0	0			Hail (1.00)
			Quarter size hail reported.						
Benton County									
10 S Camden	29	2040CST			0	0			Hail (1.75)
			Golf ball size hail reported.						
Houston County									
8 SE Erin	29	2125CST 2130CST			0	0			Hail (0.88)
			Public report of nickel size hail that lasted several minutes.						
<u>TENNESSEE, East</u>									
Roane County									
10 S Kingston	05	0450EST			0	0	5K		Thunderstorm Wind (G60)
			Two trees down along Highway 72 in the southern part of the county.						
Loudon County									
Lenoir City	05	0458EST			0	0			Hail (1.00)
			Quarter size hail reported by dispatch.						
Blount County									
Maryville	05	0515EST			0	0	5K		Thunderstorm Wind (G60)
			Several trees reported down by dispatch.						
Knox County									
Countywide	05	0515EST			0	0	10K		Thunderstorm Wind (G60)
			Numerous trees and power lines reported down countywide.						
Sevier County									
Kodak	05	0530EST			0	0			Hail (0.88)
			Nickle size hail reported by spotter.						
Jefferson County									
Countywide	05	0545EST			0	0	5K		Thunderstorm Wind (G60)
			One tree reported down in Dandridge and one tree reported down near Talbott. Pea size hail also reported in Dandridge along Interstate 40.						
Cocke County									
Newport	05	0605EST			0	0	10K		Thunderstorm Wind (G60)
			One tree reported down along Highway 160 and another tree reported down on a mobile home along Highway 25-70W.						

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TENNESSEE, East									
Loudon County									
Lenoir City	06	0125EST			0	0			Hail (0.88)
									Nickle size hail reported by police department.
TNZ018-041-043-045-047-072-074			Johnson - Cocke/Smoky Mountains - Southeast Greene - Unicoi - Southeast Carter - Blount/Smoky Mountains - Sevier/Smoky Mountains						
	10	0800EST			0	0			Heavy Snow
	11	0200EST							Four to eight inches of snow were reported across the higher elevations, generally above 2500 feet. Up to a foot of snow was reported across the highest peaks above 5000 feet.
TNZ012>018-035>047-067>074-086>087			Scott - Campbell - Claiborne - Hancock - Hawkins - Sullivan - Johnson - Morgan - Anderson - Union - Grainger - Hamblen - Northwest Cocke - Cocke/Smoky Mountains - Northwest Greene - Southeast Greene - Washington - Unicoi - Northwest Carter - Southeast Carter - Roane - Loudon - Knox - Jefferson - Northwest Blount - Blount/Smoky Mountains - North Sevier - Sevier/Smoky Mountains - Northwest Monroe - Southeast Monroe						
	10	0800EST			0	0			Flood
	11	0300EST							Seven day rainfall totals (4th through the 10th) of three to five inches were reported across central east Tennessee and northeast Tennessee, with one to three inches occurring on the 10th. Several secondary roads across the area were flooded with several rivers experiencing some minor flooding including the Clinch, French Broad, Holston, Pigeon and Powell rivers.
Sequatchie County									
Dunlap	25	1800CST			0	0			Hail (0.75)
									3/4 inch hail reported by 911 dispatch.
Marion County									
South Portion	25	1800CST			0	0			Hail (0.75)
									3/4 inch hail reported across the southern part of the county by 911 dispatch.
Sequatchie County									
Dunlap	25	1830CST			0	0	5K		Thunderstorm Wind (G60)
									Trees reported down by 911 dispatch.
Hamilton County									
Countywide	25	1940EST 2000EST			0	0	10K		Thunderstorm Wind (G60)
									Trees and power lines reported down across the county by emergency management agency.
Meigs County									
Ten Mile	25	1945EST			0	0			Hail (0.75)
									3/4 inch hail reported in the northern part of the county by 911 dispatch.
Meigs County									
Ten Mile	25	1945EST 1950EST			0	0	5K		Thunderstorm Wind (G60)
									Trees reported down in the northern part of the county by 911 dispatch.
Hamilton County									
Grasshopper	25	2010EST			0	0			Hail (0.88)
									Nickle size hail reported in the northeast part of the county by emergency management agency.
Roane County									
Kingston	25	2010EST			0	0			Hail (0.75)
									3/4 inch hail reported by trained spotter.
Bradley County									
Charleston	25	2030EST			0	0	5K		Thunderstorm Wind (G60)
									A few trees reported down across the northern part of the county by 911 dispatch.
Anderson County									
Oak Ridge	25	2055EST			0	0			Hail (0.75)
									3/4 inch hail reported by spotter.
Campbell County									
Jellico	25	2115EST			0	0			Hail (0.75)
									3/4 inch hail reported by 911 dispatch.
Anderson County									
Countywide	25	2120EST 2140EST			0	0	10K		Thunderstorm Wind (G60)
									Numerous trees reported down across the county with several secondary roads blocked by trees.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
TENNESSEE, East									
Claiborne County									
3 SW New Tazewell	25	2200EST 2300EST			0	0	10K		Thunderstorm Wind (G50)
			Several trees and a barn reported down by emergency manager.						
Campbell County									
7 S La Follette to La Follette	29	1520EST			0	0			Hail (1.25)
			Half dollar size hail reported by dispatch in the Pinecrest community.						
Roane County									
Rockwood	29	1602EST			0	0			Hail (0.88)
			Nickle size hail reported by sheriff's office.						
Roane County									
Rockwood	29	1606EST 1630EST			0	0			Hail (1.00)
			Dime to quarter size hail reported by sheriff's office.						
Hamilton County									
2 N Chattanooga	29	1730EST			0	0	5K		Thunderstorm Wind (G60)
			Two trees reported down by dispatch in the Middle Valley area near Hixson.						
Campbell County									
Jacksboro	29	1830EST			0	0			Hail (0.75)
			3/4 inch hail reported by dispatch.						
Campbell County									
La Follette	29	1830EST			0	0			Hail (0.75)
			3/4 inch hail reported by dispatch.						
Mcminn County									
Niota	29	1830EST			0	0	5K		Thunderstorm Wind (G60)
			Several trees reported down by dispatch.						
Monroe County									
Madisonville	29	1846EST			0	0	5K		Thunderstorm Wind (G60)
			Two trees reported down by dispatch.						
Monroe County									
Madisonville	29	1850EST			0	0			Hail (0.75)
			3/4 inch hail reported by dispatch.						
Bradley County									
Cleveland	29	2045EST			0	0			Hail (0.75)
			3/4 inch hail reported by dispatch.						
Roane County									
Rockwood	29	2047EST			0	0			Hail (0.75)
			3/4 inch hail reported by spotter.						
Roane County									
Rockwood	29	2049EST 2100EST			0	0			Hail (0.75)
			3/4 inch hail reported by dispatch.						
Roane County									
Harriman	29	2050EST 2110EST			0	0			Hail (0.75)
			3/4 inch hail reported by dispatch.						
Roane County									
Kingston	29	2055EST 2115EST			0	0			Hail (0.75)
			3/4 inch hail reported by dispatch.						
Bradley County									
Cleveland	29	2055EST 2100EST			0	0			Hail (0.75)
			3/4 inch hail reported by dispatch.						
Meigs County									
Big Spg	29	2130EST			0	0			Hail (0.88)
			Nickle size hail reported by dispatch.						

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Meminn County									
Niota	29	2240EST			0	0			Hail (0.88)
			Nickle size hail reported by dispatch.						
Monroe County									
Sweetwater	29	2300EST			0	0	5K		Thunderstorm Wind (G60)
			A few trees reported down by dispatch.						
Polk County									
Copperhill	30	1345EST			0	0			Hail (1.00)
			Quarter size hail reported by spotter.						
Carter County									
Milligan College	30	1400EST			0	0			Hail (1.00)
			Quarter size hail reported by emergency management agency.						
Unicoi County									
Erwin	30	1400EST			0	0			Hail (0.75)
			3/4 inch hail reported by 911 dispatch.						
Polk County									
10 W Ducktown	30	1420EST			0	0			Hail (1.00)
			Quarter size hail reported by 911 dispatch.						
Bledsoe County									
Pikeville	30	1500CST			0	0			Hail (0.75)
			3/4 inch hail reported by dispatch.						
Greene County									
Caney Branch	30	1520EST			0	0			Hail (0.75)
			3/4 inch hail reported by dispatch.						
Morgan County									
8 W Wartburg	30	1600EST			0	0			Hail (1.00)
			Quarter size hail reported by 911 dispatch.						
Morgan County									
8 W Wartburg	30	1600EST			0	0	5K		Thunderstorm Wind (G60)
			Trees reported down by 911 dispatch.						
Campbell County									
Habersham	30	1650EST			0	0			Hail (0.75)
			3/4 inch hail reported by local radio station.						
Hamilton County									
Mowbray	30	1740EST			0	0	5K		Thunderstorm Wind (G60)
			Two trees reported down on Mowbray Mountain by dispatch.						
Campbell County									
Duff to Russell Fork	30	1748EST 2000EST			0	0			Flash Flood
			Flash flooding was reported by the sheriff's office along Davis Creek affecting the Duff, Catula, Russell Fork, Peabody and Habersham communities. Roads were blocked by water with numerous mudslides reported. An older lady was evacuated from her trailer home, and a car was washed away with no one found inside the vehicle.						
<u>TENNESSEE, West</u>									
Obion County									
Union City	04	2200CST 2205CST			0	0	5K		Thunderstorm Wind (G55)
			A few trees were blown down.						
Shelby County									
Bartlett to Bolton	06	1115CST 1135CST			0	0	0.01K		Hail (0.75)
Henderson County									
Sardis	06	1139CST 1145CST			0	0	0.05K		Hail (0.88)
Tipton County									
Brighton	06	1142CST 1150CST			0	0	0.10K		Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, West									
Tipton County									
Covington	06	1159CST 1205CST			0	0	0.01K		Hail (0.75)
Mcnairy County									
Adamsville	06	1215CST 1220CST			0	0	0.05K		Hail (0.88)
Lake County									
Tiptonville	06	1235CST 1240CST			0	0	0.05K		Hail (0.88)
Mcnairy County									
Selmer	06	1245CST 1250CST			0	0	0.05K		Hail (0.88)
Hardin County									
Crump	06	1300CST 1305CST			0	0	0.75K		Hail (1.75)
Shelby County									
Germantown	20	1415CST 1420CST			0	0	0.15K		Hail (1.00)
Shelby County									
Collierville	20	1430CST 1435CST			0	0	0.01K		Hail (0.75)
Shelby County									
Memphis to Collierville	20	1430CST 1445CST			0	0	75K		Thunderstorm Wind (G65)
A roof was blown off of a building. Some gas lines were blown off of some overhead heaters. A 100-year-old tree was blown down in Collierville, damaging 10 cars.									
Fayette County									
Hickory Withe	20	1440CST 1445CST			0	0	0.75K		Hail (1.75)
Shelby County									
Memphis	20	1445CST 1645CST			0	0	5K		Flash Flood
A home and a business were flooded in Memphis.									
Fayette County									
2 N La Grange	20	1513CST 1520CST			0	0	0.75K		Hail (1.75)
Gibson County									
Brazil to Trenton	20	1527CST 1540CST			0	0	0.95K		Hail (1.75)
Lauderdale County									
Glimp	20	1530CST 1535CST			0	0	0.05K		Hail (0.88)
Lauderdale County									
Glimp	20	1530CST 1535CST			0	0	5K		Thunderstorm Wind (G55)
Several trees were knocked down.									
Crockett County									
Maury City	20	1540CST 1545CST			0	0	0.75K		Hail (1.75)
Crockett County									
Maury City	20	1540CST 1545CST			0	0	15K		Thunderstorm Wind (G55)
Many trees and power lines were blown down.									
Fayette County									
Oakland	20	1540CST 1550CST			0	0	0.75K		Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
TENNESSEE, West									
Fayette County									
Oakland	20	1540CST 1550CST			0	0	10K		Thunderstorm Wind (G65)
									A 12' by 30' patio covering was blown apart. A couple of trees were blown down.
Hardeman County									
Bolivar	20	1545CST 1550CST			0	0	15K		Thunderstorm Wind (G65)
									A golf cart shed was damaged at a golf course. Nearly 30 trees were blown down at the golf course.
Hardeman County									
Hickory Vly	20	1545CST 1550CST			0	0	0.01K		Hail (0.75)
Mcnairy County									
Rose Creek	20	1603CST 1610CST			0	0	5K		Thunderstorm Wind (G55)
									Three trees were knocked down.
Weakley County									
Gleason	20	1615CST 1620CST			0	0	5K		Thunderstorm Wind (G60)
									Some trees were knocked down.
Weakley County									
Greenfield	20	1615CST 1620CST			0	0	0.01K		Hail (0.75)
Mcnairy County									
Selmer	20	1625CST 1630CST			0	0	0.01K		Hail (0.75)
Hardin County									
Savannah	20	1630CST 1635CST			0	0	10K		Thunderstorm Wind (G65)
									Some roofs were damaged. Several trees were blown down.
Mcnairy County									
Adamsville	20	1635CST 1640CST			0	0	10K		Thunderstorm Wind (G65)
									Numerous trees were blown down.
Carroll County									
Hollow Rock	20	1645CST 1655CST			0	0	0.75K		Hail (1.75)
Hardin County									
Savannah	20	1645CST 1650CST			0	0	0.01K		Hail (0.75)
Hardin County									
Savannah	20	1645CST 1650CST			0	0	15K		Thunderstorm Wind (G70)
									A medical building had large pieces of its roof blown off.
Tipton County									
Burlison to Gilt Edge	20	1735CST 1745CST			0	0	0.02K		Hail (0.75)
Lauderdale County									
4 E Henning	20	1745CST			0	0	0.01K		Hail (0.75)
Lauderdale County									
Henning	20	1750CST 1755CST			0	0	1K		Thunderstorm Wind (G55)
									One home suffered minor roof damage.
Dyer County									
2 S Tigrett	20	1800CST 1805CST			0	0	5K		Thunderstorm Wind (G55)
									Some trees were blown down.

Storm Data and Unusual Weather Phenomena

April 2003

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, West</u>									
Lauderdale County									
Ripley	20	1810CST 1820CST			0	1	10K		Thunderstorm Wind (G65)
Several trees were blown down. One of these trees fell on a truck injuring the driver.									
Crockett County									
1 N Friendship	20	1820CST 1825CST			0	0	0.05K		Hail (0.88)
Crockett County									
1 N Friendship	20	1820CST 1825CST			0	0	5K		Thunderstorm Wind (G55)
One structure lost its roof. Some trees were knocked down.									
Gibson County									
1 N Rutherford	20	1840CST 1845CST			0	0	0.10K		Hail (1.00)
Gibson County									
1 N Rutherford	20	1840CST 1845CST			0	0	5K		Thunderstorm Wind (G55)
One building had minor roof damage. Several large tree limbs were knocked down.									
Crockett County									
Bells	20	1930CST 2130CST			0	0	1K		Flash Flood
Several streets were flooded.									
Crockett County									
Maury City	20	1937CST 1945CST			0	0	0.10K		Hail (1.00)
Crockett County									
Maury City	20	1945CST 1950CST			0	0	1K		Thunderstorm Wind (G50)
A roof was blown off of a shed.									
Gibson County									
Brazil	20	1953CST 2000CST			0	0	0.01K		Hail (0.75)
Gibson County									
3 N Trenton	20	2005CST 2010CST			0	0	0.01K		Hail (0.75)
Dyer County									
Ro Ellen to Newbern	24	1906CST 1920CST			0	0	0.02K		Hail (0.75)
Dyer County									
Newbern	24	1916CST 1925CST			0	0	1K		Thunderstorm Wind (G60)
A couple of trees were knocked down.									
<u>TEXAS, Central</u>									
Brown County									
3 N May	04	0700CST			0	0			Hail (0.75)
Fisher County									
6 NE Rotan to 6.1 NE Rotan	05	1500CST	0.1	20	0	0			Tornado (F0)
Brief tornado right along the Fisher and Stonewall county line and was filmed by a chase crew.									
Haskell County									
Sagerton	05	1530CST			0	0	10K		Hail (1.75)
Golf ball size hail fell for several minutes. The hail produced some roof damage to area homes.									
Haskell County									
7 S Rule	05	1535CST			0	0	100K		Hail (4.25)
Hail to the size of soft balls produced severe damage to vehicles. One horse was killed and trees were stripped of limbs.									
Haskell County									
2 S Haskell	05	1540CST			0	0	80K		Hail (1.75)
Golf ball size hail produced damage to homes just south of Haskell.									

Storm Data and Unusual Weather Phenomena

April 2003

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									
Haskell County									
3 S Sagerton to 4 SE Sagerton	05	1541CST 1548CST	1	50	0	0			Tornado (F0)
Tornado reported by a storm chaser, and was on the ground for several minutes.									
Haskell County									
8 SE Haskell	05	1550CST			0	0	80K		Hail (2.00)
Hen egg size hail caused damage to several homes.									
Haskell County									
3 S Haskell	05	1605CST			0	0			Hail (1.75)
Haskell County									
Haskell	05	1612CST			0	0			Hail (1.00)
Quarter size hail covered the ground in the city of Haskell.									
Haskell County									
3 N Stamford	05	1628CST			0	0			Thunderstorm Wind (G71)
Storm chasers measured an 82 mph thunderstorm wind gust.									
Throckmorton County									
6 W Woodson	05	1645CST	0.1	20	0	0			Tornado (F0)
Cooperative observer reported a brief tornado near the intersection of highway 283 and county road 209.									
Throckmorton County									
2 W Woodson	05	1700CST			0	3	80K		Hail (4.25)
Severe damage to storm chaser vehicles all along county road 209 west of Woodson. Three people were injured by the combination of hail and broken glass.									
Throckmorton County									
3 W Woodson	05	1710CST			0	0			Hail (1.75)
Throckmorton County									
Woodson	05	1714CST			0	0	40K		Thunderstorm Wind (G70)
Thunderstorm winds tore the roof of of a home and blew out several windows.									
Throckmorton County									
Woodson	05	1715CST			0	0	115K		Hail (4.25)
Softball size hail ravaged the community of Woodson in southeast Throckmorton county. There was severe damage to structures and automobiles throughout the community.									
A super cell thunderstorm developed in the vicinity of Scurry, Fisher and Kent counties around 230 in the afternoon on the 5th. This storm tracked east northeast across northern Fisher county. After moving through Stonewall county the storm tracked almost due east across southern Haskell and Throckmorton counties. This storm kept going for several more hours and eventually went through the Dallas Fort Worth area. While moving through the northern big country, the storm produced three weak tornadoes. The greatest damage from this storm was produced by the very large hail up to the size of Softballs.									
Crockett County									
Ozona	07	1045CST			0	0			Hail (0.88)
Fisher County									
Rotan	23	1215CST			0	0			Hail (1.00)
Nolan County									
Maryneal	23	1255CST			0	0	1K		Thunderstorm Wind (G60)
Large tree branches down.									
Jones County									
2 S Anson	23	1340CST			0	0			Hail (1.75)
Coke County									
Bronte	23	1345CST			0	0			Hail (1.00)
Haskell County									
15 E Haskell	23	1345CST			0	0	5K		Hail (1.75)
State trooper reported damage to a vehicle.									
Throckmorton County									
16 W Throckmorton	23	1345CST			0	0			Hail (1.75)
Runnels County									
Maverick	23	1356CST			0	0			Hail (1.50)
Taylor County									
2 W Dyess Afb	23	1400CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Taylor County									
1 E Dyess Afb	23	1403CST			0	0			Hail (0.75)
Taylor County									
5 E Abilene	23	1420CST			0	0			Hail (1.00)
Crockett County									
22 S Ozona	23	1428CST			0	0			Hail (1.00)
Throckmorton County									
3 E Throckmorton	23	1428CST			0	0			Hail (0.88)
Runnels County									
Winters	23	1435CST			0	0			Hail (0.75)
Shackelford County									
3 W Moran	23	1457CST	0.1	20	0	0			Tornado (F0)
			Reported by KTAB TV chase team.						
Coleman County									
Glen Cove	23	1512CST			0	0			Hail (0.88)
Coleman County									
6 N Coleman	23	1520CST			0	0			Hail (1.75)
Coleman County									
Burkett	23	1546CST			0	0			Hail (0.88)
Brown County									
Cross Cut	23	1550CST			0	0			Hail (0.75)
Crockett County									
25 S Ozona	23	1558CST			0	0			Hail (2.75)
Sutton County									
19 SSW Sonora to 19 S Sonora	23	1618CST			0	0			Hail (0.75)
Coleman County									
Novice	23	1700CST			0	0			Hail (0.75)
Callahan County									
Cottonwood	23	1725CST			0	0			Hail (0.88)
Brown County									
Cross Cut	23	1745CST			0	0			Hail (1.75)
A line of severe thunderstorms developed in the afternoon that stretched north to south across west central Texas. These thunderstorms produced large hail in numerous locations and one tornado was reported by a television chase crew near Moran.									
Jones County									
1 N Hamlin	27	1810CST			0	0	1K		Thunderstorm Wind (G52)
			Power company reported power poles were knocked down due to high winds from a severe thunderstorm.						
Nolan County									
Sweetwater	28	1925CST			0	0	10K		Thunderstorm Wind (G54)
			Strong thunderstorms knocked down trees and power lines in Sweetwater. There were numerous windows blown out of homes and businesses.						
Taylor County									
Merkel	28	2000CST			0	0	5K		Thunderstorm Wind (G52)
			Numerous tree limbs blown down and a roof ripped off of a shed in Merkel.						
Coke County									
Robert Lee	28	2003CST			0	0			Hail (0.75)
Runnels County									
Wingate	28	2010CST			0	0	2K		Thunderstorm Wind (G52)
			Numerous trees blown down.						
Nolan County									
Champion	29	1700CST			0	0			Hail (1.75)
Nolan County									
Champion	29	1730CST 1800CST			0	0			Hail (1.75)
			Hail from a second severe thunderstorm fell for 30 minutes.						

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Nolan County									
3 N Maryneal	29	1745CST			0	0			Hail (1.75)
Nolan County									
Maryneal	29	1815CST			0	0			Hail (1.75)
Runnels County									
Ballinger	29	1822CST			0	0			Hail (0.75)
Sterling County									
4 WNW Broome	29	1840CST			0	0			Hail (1.00)
Nolan County									
Blackwell	29	1850CST			0	0			Hail (0.88)
Runnels County									
Winters	29	1852CST			0	0			Hail (0.75)
Nolan County									
Blackwell	29	1853CST			0	0			Hail (0.88)
Nolan County									
Blackwell	29	1857CST			0	0			Hail (1.00)
Nolan County									
1 W Blackwell to 1 SW Blackwell	29	1904CST 1906CST	0.8	20	0	0			Tornado (F0)
Amateur radio spotter reported a brief tornado west of Blackwell.									
Coke County									
1 S Blackwell to 2 S Blackwell	29	1915CST 1917CST	0.5	20	0	0			Tornado (F0)
Blackwell fire department reported a brief tornado just south of Blackwell.									
Runnels County									
Winters	29	1922CST			0	0			Hail (0.75)
Taylor County									
Tuscola	29	1925CST			0	0			Hail (2.75)
Runnels County									
1 S Winters	29	1936CST 2030CST			0	0			Flash Flood
Water over the intersections of highway 153 and 83.									
Runnels County									
Hatchel	29	1945CST			0	0			Hail (1.75)
Runnels County									
1 S Hatchel	29	1947CST			0	0	1K		Thunderstorm Wind (G57)
Strong winds blew windows out of a home.									
Runnels County									
1 S Winters	29	1947CST			0	0			Hail (0.75)
Runnels County									
6 NW Hatchel	29	1953CST			0	0			Hail (1.75)
Taylor County									
13 WNW Bradshaw	29	1956CST			0	0			Thunderstorm Wind (G52)
Nolan County									
4 SW Maryneal	29	2019CST			0	0			Hail (2.00)
Callahan County									
Cross Plains	29	2027CST			0	0			Hail (0.88)
Coleman County									
2 S Talpa	29	2027CST			0	0			Hail (0.75)
Callahan County									
Oplin	29	2053CST			0	0			Hail (0.88)
Brown County									
Cross Cut	29	2120CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

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, Central</u>							
Brown County							
Blanket	29	2200CST			0 0	1K	Thunderstorm Wind (G52)
			Several large objects blown away and numerous tree limbs downed.				
<u>TEXAS, Central Southeast</u>							
Galveston County							
League City	07	0945CST			0 0	5K	Hail (1.75)
Harris County							
Seabrook	07	1000CST			0 0	2K	Hail (0.75)
Harris County							
Pasadena	07	1008CST			0 0	2K	Hail (0.75)
Galveston County							
Galveston	07	1013CST			0 0	2K	Hail (0.75)
Fort Bend County							
Missouri City	07	1055CST			0 0	5K	Hail (1.75)
Harris County							
South Houston	07	1105CST			0 0	5K	Hail (1.75)
Harris County							
Houston	07	1115CST			0 0	5K	Hail (1.75)
			Loop 610 and Highway 288				
Harris County							
Houston Hobby Arpt	07	1115CST			0 0	4K	Hail (1.00)
Harris County							
Baytown	07	1155CST			0 0	5K	Hail (1.75)
Chambers County							
Mont Belvieu	07	1205CST 1210CST			0 0	7K	Hail (1.75)
Wharton County							
East Bernard	07	1309CST			0 0	4K	Hail (1.75)
Fort Bend County							
Beasley	07	1340CST			0 0	2K	Hail (0.75)
Fort Bend County							
Orchard	07	1340CST			0 0	2K	Hail (1.00)
Fort Bend County							
Sugarland	07	1412CST			0 0	4K	Hail (0.75)
Harris County							
Houston Hobby Arpt	07	1443CST			0 0	3K	Hail (0.75)
Harris County							
5 ESE Houston Hobby A	07	1448CST			0 0	4K	Hail (1.00)
Harris County							
Pasadena	07	1508CST			0 0	3K	Hail (0.75)
Harris County							
La Porte	07	1515CST			0 0	3K	Hail (0.75)
Polk County							
Moscow	20	1330CST			0 0	3K	Hail (1.75)
Waller County							
Hempstead	22	1118CST			0 0	15K	Hail (2.00)
			Tennis ball sized hail covered the ground				
Colorado County							
Frelsburg	24	0740CST			0 0	3K	Hail (1.75)
Colorado County							
4 N Columbus	24	0750CST			0 0	10K	Hail (2.75)
Colorado County							
3 SW Columbus	24	0753CST			0 0	8K	Hail (2.75)
Austin County							
Sealy	24	0830CST			0 0	2K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

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

Harris County

Houston	24	0845CST			0 0	3K	Hail (0.75)
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Highway 249 and Grant.

Harris County

Houston	24	0845CST			0 0	4K	Hail (1.50)
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North side of Houston.

Harris County

Houston	24	0856CST			0 0	5K	Hail (0.75)
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I-45 and FM 1960 (Enchanted Oaks Subdivision).

Harris County

Katy	24	0907CST 0912CST			0 0	6K	Hail (1.00)
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Harris County

Houston	24	0925CST			0 0	3K	Hail (1.00)
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Eldridge and Memorial.

Harris County

Houston	24	0928CST			0 0	5K	Hail (1.75)
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On I-10 5 miles west of The Galleria.

Galveston County

Jamaica Beach	29	0210CST			0 0	2K	Hail (0.75)
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TEXAS, Extreme West

NOT RECEIVED.

TEXAS, Mid - South

La Salle County

Artesia Wells	08	0230CST 0330CST			0 0		Hail (0.75)
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Webb County

6 S Laredo	20	1015CST 1020CST			0 0		Hail (1.00)
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TEXAS, North

Young County

Padgett	05	1610CST			0 0		Hail (2.75)
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Stephens County

1 N Crystal Falls	05	1629CST			0 0		Hail (1.75)
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Young County

Eliasville	05	1632CST 1637CST			0 0		Hail (1.00)
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Young County

Graham	05	1643CST 1647CST			0 0		Hail (4.00)
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Palo Pinto County

6 W Graford	05	1708CST 1714CST			0 0		Hail (4.00)
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Golfball to softball size hail occurred for 6 minutes.

Palo Pinto County

Possum Kingdom Lake	05	1708CST			0 0		Hail (1.75)
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Palo Pinto County

5 N Graford	05	1718CST			0 0		Hail (2.75)
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Palo Pinto County

5 N Graford	05	1718CST			0 0		Thunderstorm Wind (G69)
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Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Palo Pinto County									
12 W Grafrod	05	1720CST 1722CST	0.3	100	0	0	250K		Tornado (F1)
Brief tornado touchdown reported on the east side of Possum Kingdom Lake. 25 mobile homes were damaged or destroyed at Sky Camp, Lefty's, and P. K. Lodge. No people were injured.									
Young County									
3 N Eliasville	05	1740CST			0	0			Hail (2.75)
Parker County									
5 E Peaster	05	1806CST			0	0			Hail (1.75)
Jack County									
4 S Bryson	05	1817CST			0	0			Hail (0.88)
Parker County									
Springtown	05	1818CST 1823CST			0	0			Hail (1.75)
Tarrant County									
Saginaw	05	1833CST			0	0			Hail (1.75)
Tarrant County									
Saginaw	05	1840CST			0	0			Hail (2.75)
Tarrant County									
Saginaw	05	1840CST			0	0			Thunderstorm Wind (G69)
Tarrant County									
2 E Eagle Mtn Lake	05	1843CST			0	0			Hail (1.75)
Tarrant County									
Ft Worth	05	1850CST			0	0			Hail (2.75)
Occurred in North Ft Worth									
Tarrant County									
Saginaw	05	1859CST			0	0			Thunderstorm Wind (G60)
Power lines down just west of Saginaw.									
Tarrant County									
Ft Worth	05	1900CST			0	0			Hail (1.75)
Occurred in Park Glen subdivision in North Ft Worth.									
Tarrant County									
Ft Worth	05	1901CST			0	0			Hail (1.75)
Windows broken by wind driven hail.									
Tarrant County									
Keller	05	1901CST			0	0			Hail (1.75)
Tarrant County									
Keller	05	1905CST			0	0			Hail (3.00)
Tarrant County									
Ft Worth	05	1912CST			0	0			Thunderstorm Wind (G60)
Occurred at the intersection of Loop 820 and Mark IV Parkway.									
Dallas County									
Dallas-Ft Worth Intl	05	1915CST 1920CST			0	0	750K		Hail (1.75)
Weather observer reported golf ball size hail. 59 aircraft were damaged and 121 flights were cancelled due to severe weather.									
Tarrant County									
2 SW Grapevine	05	1915CST			0	0			Hail (2.00)
Dallas County									
Dallas	05	1920CST			0	0			Hail (2.75)
Occurred at Interstate 635 and North McArthur in North Dallas.									
Dallas County									
Irving	05	1927CST			0	0			Hail (1.75)
Parker County									
Briar	05	1952CST			0	0			Hail (2.25)
Wise County									
Newark	05	2003CST			0	0			Hail (1.50)

Storm Data and Unusual Weather Phenomena

April 2003

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

Tarrant County

North Richland Hills	05	2005CST 2007CST	0.5	100	0	0	20K	2K	Tornado (F0)
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A small short lived tornado did minor roof damage and broke numerous tree branches.

Dallas County

Dallas	05	2017CST			0	0			Hail (1.75)
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Occurred at Interstate 635 and North McArthur in North Dallas.

Tarrant County

2 E Euless to 2.5 E Euless	05	2019CST 2021CST	0.5	100	0	0	1K		Tornado (F0)
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A small short lived tornado moved east across the south end of DFW Airport property.

Dallas County

Irving	05	2020CST			0	0			Hail (1.75)
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Occurred at Valley Ranch in far north central Irving.

Dallas County

1 W Irving to .8 W Irving	05	2021CST 2022CST	0.2	100	0	0	1K		Tornado (F0)
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This is a continuation of the tornado path across the south end of the DFW Airport property.

Denton County

2 N Roanoke	05	2023CST			0	0			Hail (1.75)
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Occurred at Interstate 35 and Highway 114.

Dallas County

Dallas	05	2026CST			0	0			Hail (1.50)
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Valley View Mall in North Dallas had heavy ping pong ball size hail.

Rockwall County

Rockwall	05	2030CST			0	0			Hail (4.50)
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Denton County

Roanoke	05	2031CST			0	0			Hail (0.88)
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Denton County

1 W Lewisville	05	2045CST			0	0			Hail (1.00)
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Denton County

2 E Argyle	05	2046CST			0	0			Hail (1.00)
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Dallas County

Sachse	05	2050CST			0	0			Hail (1.25)
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Denton County

3 SW Lewisville	05	2050CST			0	0			Hail (1.00)
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Hunt County

Greenville	05	2050CST			0	0			Hail (1.00)
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Hunt County

Caddo Mills	05	2051CST			0	0			Hail (1.00)
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Rockwall County

Rockwall	05	2105CST			0	0			Hail (1.00)
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Montague County

2 N Bowie	05	2114CST			0	0			Hail (1.75)
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Collin County

Plano	05	2116CST			0	0			Hail (2.00)
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Occurred in western part of Plano at Spring Creek and Tollway.

Montague County

Stoneburg	05	2123CST			0	0			Hail (1.75)
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Cooke County

Lindsay	05	2130CST			0	0			Hail (2.50)
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Collin County

Plano	05	2132CST			0	0			Hail (3.00)
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Hunt County

Caddo Mills	05	2135CST			0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Hopkins County									
Cumby	05	2150CST			0	0			Hail (1.75)
Hunt County									
1 S Greenville	05	2213CST			0	0			Hail (2.00)
Cooke County									
Gainesville	05	2221CST			0	0	4M		Hail (2.50)
Large hail damaged approximately 1,000 cars and about the same number of homes.									
Cooke County									
Gainesville	05	2221CST			0	0			Thunderstorm Wind (G52)
Hunt County									
Caddo Mills	05	2222CST			0	0			Hail (1.75)
Hopkins County									
Sulphur Spgs	05	2240CST			0	0			Hail (2.00)
Hunt County									
Cash	05	2241CST			0	0			Hail (1.75)
Hopkins County									
3 S Sulphur Spgs	05	2245CST			0	3			Hail (2.75)
Three persons injured by baseball size hail.									
Grayson County									
Whitesboro	05	2255CST			0	0	250K		Hail (2.75)
Grayson County									
1 SW Sherman	05	2330CST			0	0	10M		Hail (2.75)
Hail up to baseball size did extensive damage in Sherman to cars and houses. This is the same storm that hit the Whitesboro area earlier.									
Hopkins County									
Sulphur Spgs	05	2335CST			0	0			Hail (1.00)
Hopkins County									
Sulphur Spgs	05	2335CST			0	0	5K		Thunderstorm Wind (G60)
Trees and utility lines were blown down by high winds.									
Fannin County									
Ector	06	0012CST			0	0			Hail (1.75)
Fannin County									
Savoy	06	0012CST			0	0			Hail (1.75)
Fannin County									
4 N Bonham	06	0035CST			0	0			Hail (1.75)
Lamar County									
Paris	06	0222CST			0	0			Hail (1.00)
Dime to quarter size hail covering the ground.									
On April 5th, a lone supercell thunderstorm developed around 300 pm southeast of Claremont, in Kent County. This storm quickly became severe, and by 500 pm had moved eastward into western Young County in North Central Texas. This storm produced large hail, straight line damaging winds, and at least four weak tornadoes across North Central Texas from 510 pm cdt until 1050 pm cdt. This storm quickly dissipated after the last severe weather report at 1050 pm. The damage path across North Texas extended from Padgett, in western Young County, to west of Sulphur Springs in Hopkins County, a distance of approximately 192 miles. This was one of the costliest storms on record to hit North Texas, with damage estimates approximately 885 million dollars.									
Collin County									
Plano	06	1255CST			0	0			Hail (1.00)
Quarter size hail lasted 5 minutes at Preston Road and Park Blvd.									
Collin County									
Plano	06	1300CST 1305CST			0	0			Hail (1.00)
Dime to quarter size hail lasted 5 minutes.									
Hopkins County									
Sulphur Spgs	06	1505CST			0	0			Hail (0.75)
Rains County									
Emory	06	1507CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Hopkins County									
1 S Sulphur Spgs	06	1545CST			0	0			Thunderstorm Wind (G60)
			A tree was blown down onto the south lane of Highway 154.						
Montague County									
Stoneburg	15	2211CST			0	0			Hail (1.00)
Ellis County									
2 ESE Forreston	19	0804CST			0	0			Hail (0.75)
Bell County									
Temple Muni Arprt	22	0747CST			0	0			Hail (1.00)
			Enough hail accumulated on Interstate 35 to cause some automobile accidents.						
Stephens County									
1 S Breckenridge	23	1534CST			0	0			Hail (1.75)
Comanche County									
Beattie	23	1655CST			0	0			Hail (2.75)
Comanche County									
1 S Comyn	23	1710CST			0	0			Hail (2.75)
Erath County									
Stephenville	23	1803CST			0	0			Hail (1.50)
Erath County									
10 SE Bluff Dale	23	1831CST			0	0			Hail (1.75)
Hood County									
4 SW Paluxy	23	1831CST 1835CST			0	0			Hail (1.75)
Somervell County									
Glen Rose	23	1853CST			0	0			Hail (1.50)
Erath County									
Stephenville	23	1910CST 1913CST			0	0			Hail (1.75)
			Hail one inch in diameter to golf ball size fell.						
Erath County									
Stephenville	23	1910CST			0	0			Thunderstorm Wind (G52)
Erath County									
5 S Bluff Dale	23	1925CST			0	0			Hail (1.75)
Somervell County									
Glen Rose	23	1942CST			0	0			Thunderstorm Wind (G52)
Johnson County									
4 W Cleburne	23	1952CST			0	0	1K		Thunderstorm Wind (G52)
			Trees were blown down by high winds.						
Johnson County									
3 S Cleburne	23	1952CST			0	0			Thunderstorm Wind (G61)
Johnson County									
2 NE Cleburne	23	1955CST			0	0			Hail (1.75)
Ellis County									
6 N Waxahachie	23	2000CST 2003CST			0	0			Hail (1.00)
Johnson County									
Keene	23	2000CST			0	0			Thunderstorm Wind (G52)
Johnson County									
9 N Alvarado	23	2010CST			0	0			Hail (1.75)
Johnson County									
.5 S Lillian to Venus	23	2020CST			0	0	4M		Thunderstorm Wind (G96)

Downburst created a path approximately 6 miles long and up to 1.5 miles wide from 0.5 miles south of Lillian southeast to near Venus. Although 12 persons were injured, only 2 people had to be hospitalized. 51 mobile homes were heavily damaged or destroyed and 80 suffered minor damage. Other damage included roof damage to houses, carports damaged or destroyed, barns, trees, and utility poles blown down.

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Tarrant County									
Bedford	23	2025CST			0	0	20K		Lightning
Lightning started a fire at an apartment complex, damaging two apartment units.									
Ellis County									
Maypearl	23	2036CST			0	0			Thunderstorm Wind (G60)
Unknown wind damage reported by law enforcement.									
Hopkins County									
Cumby	23	2150CST			0	0	15K		Thunderstorm Wind (G60)
150 yard wide swath of trees up to 4 feet in diameter blown down, power lines blown down ,and outbuildings unroofed.									
Jack County									
3 SE Antelope	29	2150CST			0	0			Hail (0.75)
Occurred at Squaw Mountain.									
Wise County									
Lake Bridgeport	29	2205CST			0	0			Thunderstorm Wind (G61)
Occurred at Runaway Bay on the south end of the lake.									
Jack County									
Cundiff	29	2215CST			0	0			Hail (0.88)
Ellis County									
Waxahachie	30	0120CST			0	0			Thunderstorm Wind (G52)
<u>TEXAS, North Panhandle</u>									
TXZ001>003-006>007-011>012-016>017-019 Dallam - Sherman - Hansford - Hartley - Moore - Oldham - Potter - Deaf Smith - Randall - Donley									
	15	1500CST 1935CST			0	0	235K		High Wind (G56)
Strong gradient winds resulted in high winds and wind damage across the western and central Texas panhandle during the afternoon hours. Thirty-five knot wind gust measured from Texas Tech West Texas Mesonet two miles west of Clarendon...thirty-five knot sustained winds measured at the Dalhart ASOS...thirty-five knot sustained wind estimated at Adrian...Hereford...Spearman and Stratford...and fifty-two knot wind gust in western Amarillo. Strong gradient winds blew out the large front glass window of a local Canyon restaurant. Strong gradient winds destroyed two mobile homes with about four or five more mobile homes reportedly damaged in Cactus. No injuries or fatalities occurred from the strong winds in the town of Cactus. Large sign blown down and siding torn off of Bivins Stadium in Amarillo.									
Randall County									
Umberger	15	1520CST			0	0			Hail (0.75)
Carson County									
Panhandle	15	1525CST			0	0	15K		Thunderstorm Wind (G60)
Power lines were reportedly blown down.									
Deaf Smith County									
Hereford	15	1533CST			0	0			Hail (0.75)
Deaf Smith County									
Hereford	15	1535CST			0	0	125K		Thunderstorm Wind (G56)
The roof off of an apartment building was blown off and damage was reported to vehicles in the parking lot.									
Carson County									
Panhandle	15	1536CST			0	0	10K		Thunderstorm Wind (G56)
A police car side window was reportedly blown out.									
Randall County									
11 NE Canyon	15	1600CST			0	0	60K		Thunderstorm Wind (G56)
A mobile home was reportedly damaged.									
Wheeler County									
8 W Wheeler to 3 W Wheeler	15	1605CST 1615CST	5	200	0	0			Tornado (F0)
The tornado remained over open country. The tornado path length and width were estimated. No damage or injuries occurred from this tornado.									
Wheeler County									
Mobeetie	15	1616CST			0	0			Hail (1.75)
Wheeler County									
5 N Shamrock	15	1620CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, North Panhandle									
Wheeler County									
5 S Allison	15	1640CST			0	0			Hail (1.75)
Wheeler County									
Wheeler	15	1650CST			0	0			Hail (1.00)
Collingsworth County									
Wellington	15	1810CST			0	0	85K		Thunderstorm Wind (G60)
			Several roofs were reportedly damaged.						
Collingsworth County									
1 S Wellington	15	1812CST			0	0			Hail (0.75)
Collingsworth County									
1 S Wellington	15	1812CST			0	0	60K		Thunderstorm Wind (G60)
			Large trees down and damage to a structure was reported.						
			Severe thunderstorms produced wind damage and large hail across the southern and central Texas panhandle along with an isolated tornado over the southeastern Texas panhandle during the afternoon and evening hours. No damage or injuries occurred from the tornado as it remained over open country.						
TXZ003>004-004>005-005-009-009>010-010									
Hansford - Ochiltree - Lipscomb - Roberts - Hemphill									
	16	0400CST 1500CST			0	0			High Wind (G35)
			Strong gradient winds occurred over the northeastern Texas panhandle from the early morning into the afternoon hours. Thirty-five knot sustained wind speed estimated at Canadian...Miami...Lipscomb...Perryton...and Spearman.						
TXZ012									
Potter									
	19	1450CST 1550CST			0	0	25K		High Wind (G45)
			A carport was reportedly blown down three miles northwest of Amarillo.						
			Strong gradient winds resulted in isolated wind damage over the south central Texas panhandle during the afternoon hours.						
Hartley County									
4 W Dalhart	23	0630CST			0	0			Hail (0.75)
Dallam County									
Dalhart	23	0635CST			0	0			Hail (1.00)
Dallam County									
1 NE Dalhart	23	0635CST			0	0			Hail (0.75)
Hartley County									
Dalhart	23	0635CST			0	0			Hail (1.75)
Hartley County									
Dalhart	23	0635CST			0	0			Hail (0.88)
Hutchinson County									
5 E Stinnett	23	0930CST			0	0	2K		Hail (1.75)
			Hail broke windows out of Texas Department of Transportation vehicle.						
Donley County									
Clarendon	23	1116CST 1118CST	0.1	25	0	0	150K		Tornado (F1)
			Roof partially blown off a house...two second story rooms and the front porch of a vacant house were ripped apart...a doublewide trailer house had damage to the roof and windows...two unattached garages destroyed...trees uprooted...other roofs and barns were reported damaged.						
			Severe thunderstorms with large hail developed during the early morning hours over the northwest Texas panhandle and then moved southeast into the southeastern Texas panhandle where an isolated tornado struck. No injuries or fatalities were reported from this tornado.						
Randall County									
17 SW Canyon	28	1640CST			0	0			Hail (0.75)
Randall County									
4 SW Amarillo	28	1730CST			0	0			Hail (0.88)
Potter County									
Amarillo	28	1740CST			0	0			Hail (0.88)
			Near 21st and Polk Streets.						
Potter County									
5 NW Amarillo	28	1745CST			0	0			Hail (1.00)
			Near North Western and Loop 335.						

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Potter County									
3 NW Amarillo	28	1749CST			0	0			Hail (1.25)
Potter County									
9 NW Amarillo	28	1750CST			0	0			Hail (1.75)
Reported from Tierra Grande.									
Potter County									
Amarillo	28	1750CST			0	0			Hail (0.75)
Potter County									
7 NW Amarillo	28	1755CST			0	0			Hail (0.88)
Reported near Rolling Hills.									
Potter County									
8 N Amarillo	28	1755CST			0	0			Hail (0.88)
Reported near U.S. Highway 87 and Mobely Road.									
Potter County									
9 NW Amarillo	28	1756CST			0	0			Hail (1.75)
Reported near Western and Givens.									
Potter County									
4 N Amarillo	28	1759CST			0	0			Thunderstorm Wind (G52)
Reported by School Net site at River Road.									
Potter County									
12 N Amarillo	28	1806CST			0	0			Hail (0.88)
Reported near U.S. Highway 287 and Reclamation Road.									
Potter County									
7 NE Amarillo	28	1812CST			0	0			Hail (0.88)
Reported near State Highway 136 and Webb Road.									
Potter County									
10 NE Amarillo	28	1820CST			0	0			Hail (0.88)
Reported near the Iowa Beef Packers (IBP) Plant.									
Moore County									
5 S Dumas	28	1915CST			0	0			Hail (1.00)
Severe thunderstorms with large hail and high winds developed over the central and southern sections of the Texas panhandle during the late afternoon and early evening hours.									
<u>TEXAS, Northeast</u>									
San Augustine County									
4.6 SE San Augustine to 7.3 E San Augustine	04	1514CST 1526CST	3.9	25	0	0			Tornado (F0)
A classic supercell thunderstorm moved northeastward across the county producing a weak tornado. No structural damage was seen. The tornado was confined to timber and farmland regions snapping and uprooting numerous small to medium Pine, Oak and Pecan trees.									
Sabine County									
1 N Rosevine to 7.3 NE Milam	04	1529CST 1608CST	13	75	0	0			Tornado (F1)
A high precipitation supercell thunderstorm moved northeastward across Sabine County, TX producing a weak tornado. No structural damage was seen. The tornado was confined to timber and farmland regions snapping and uprooting numerous small to medium Pine, Oak and Pecan trees. This tornado moved into Sabine Parish, LA.									
Franklin County									
5 W Mt Vernon	06	0012CST			0	0			Hail (1.00)
Franklin County									
2 W Mt Vernon	06	0015CST			0	0			Hail (1.75)
Franklin County									
2 N Mt Vernon	06	0020CST			0	0			Hail (1.75)
Franklin County									
5 S Hagansport	06	0025CST			0	0			Hail (2.00)
Titus County									
2 S Talco	06	0040CST			0	0			Hail (1.00)
Franklin County									
2 S Mt Vernon	06	0115CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Northeast									
Franklin County									
6 N Mt Vernon	06	0130CST			0	0			Hail (2.75)
Titus County									
6 N Mt Pleasant	06	0150CST			0	0			Hail (1.00)
Rusk County									
5 W Tatum to Tatum	06	1145CST 1153CST	4.9	220	0	6	2.3M		Tornado (F2)
A supercell storm moved across the northeast part of the county. About 20 wood frame and mobile homes were damaged. Six (6) mobile homes were totally destroyed. Numerous trees were twisted, broken and uprooted. This tornado remained in Rusk County.									
Cherokee County									
.8 E Ponta to 5 ENE Ponta	06	1230CST 1235CST	4.2	220	0	0			Tornado (F2)
A supercell thunderstorm moved northeast across east extreme east central Cherokee County. Two mobile homes were damaged and numerous trees were twisted, broken and uprooted. This tornado moved into Rusk County, TX.									
Rusk County									
1 SW New Salem to 9 NE Henderson	06	1235CST 1320CST	34	440	0	0	9M		Tornado (F3)
A supercell thunderstorm moved northeast across Rusk County. Numerous wood frame and mobile homes were damaged with several homes totally destroyed. A few barns were damaged as well. One power substation was severely damaged. Numerous large Pine, Oak, and Pecan trees were twisted, broken and uprooted. This tornado moved into Rusk County from Cherokee County, TX.									
Panola County									
2 N Beckville	06	1230CST			0	0			Thunderstorm Wind (G58)
Several large trees down.									
Angelina County									
4.8 SW Pollok to 7.5 NE Lufkin	06	1441CST 1503CST	13.7	440	0	0	2.5M		Tornado (F2)
A classic supercell thunderstorm moved northeastward across Angelina County, TX into Nacogdoches County, TX producing a strong tornado. Numerous structures were damaged near Central, TX, northwest of Lufkin, TX. Otherwise damage was confined to uprooted and snapped trees.									
Nacogdoches County									
10.8 SSW Nacogdoches to 1.7 W Melrose	06	1503CST 1527CST	13.8	220	0	0			Tornado (F2)
A classic supercell thunderstorm moved northeastward across Angelina County, TX into Nacogdoches County, TX producing a strong tornado. Damage was confined to uprooted and snapped trees.									
Nacogdoches County									
Nacogdoches	06	1450CST 1453CST	0.2	25	0	0	30K		Tornado (F0)
A strong thunderstorm moved from west to east across the southwest portion of the city of Nacogdoches. Damage was minimal with a couple of homes damaged from fallen trees and large broken limbs. This tornado may have been spawned from a microburst about 1/2 mile to the northwest. The tornado also appeared to have had a clockwise rotation perhaps as a southern bookend type of tornado.									
Nacogdoches County									
Nacogdoches	06	1500CST			0	0			Hail (0.75)
Smith County									
8 N Tyler	19	1112CST			0	0			Hail (0.75)
Angelina County									
Huntington	20	1245CST			0	0			Hail (0.88)
Angelina County									
9 E Huntington	20	1255CST			0	0			Hail (2.75)
Nacogdoches County									
Chireno	20	1655CST			0	0			Thunderstorm Wind (G58)
Numerous large trees down in town.									
San Augustine County									
6 W San Augustine	20	1700CST			0	0			Hail (3.00)
Hail fell along Highway 21 in the community of Denning.									
Shelby County									
11 S Center	20	1710CST			0	0			Hail (2.00)
Hail completely covered the ground along Highway 96.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of		Estimated		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Northeast									
Shelby County									
Shelbyville	20	1725CST			0	0			Hail (1.75)
Gregg County									
Longview	23	1407CST			0	0			Lightning
									Cloud to ground lightning struck an oil storage tank in northeast Longview just south of FM 2751 and Highway 250 Intersection. The oil tank blew apart and caught fire. The explosion was heard as far as 5 miles away.
Harrison County									
4 N Waskom	23	1830CST			0	0			Hail (1.00)
Wood County									
Alba	23	2230CST			0	0			Thunderstorm Wind (G52)
									Several large trees toppled.
Upshur County									
Glenwood	23	2320CST			0	0			Thunderstorm Wind (G52)
									Several large trees down.
TEXAS, South									
Starr County									
5 NNW Rio Grande City	08	0625CST			0	0			Thunderstorm Wind (G52)
									Severe wind gusts associated with a thunderstorm downed power lines near Rio Grande City.
Hidalgo County									
La Joya	08	0727CST			0	0			Hail (0.75)
Hidalgo County									
7 ESE Hidalgo	08	0732CST			0	0			Hail (1.00)
									Large hail was reported by the Santa Anna National Wildlife Refuge.
Cameron County									
Brownsville	08	0825CST 0850CST			0	5	50M		Hail (2.75)
Cameron County									
Brownsville	08	0828CST			0	0			Hail (1.75)
Cameron County									
Brownsville	08	0830CST			0	0			Hail (3.00)
Cameron County									
Brownsville	08	0840CST			0	0			Hail (2.75)
Cameron County									
Brownsville	08	0841CST			0	0			Hail (1.75)
Cameron County									
Brownsville	08	0850CST			0	0			Hail (1.75)
Cameron County									
Laguna Vista	08	0910CST			0	0			Thunderstorm Wind (G52)
									One of the most destructive hail events in recorded history for the City of Brownsville occurred this day. A severe thunderstorm emerged into Cameron County from northern Mexico and dropped large amounts of wind-driven hail upon the city. The hail destroyed roofs of homes and businesses, broke countless windows of automobiles and homes, and damaged vegetation. Approximately 10,000 insurance claims have been filed in association with this storm. Most of the large hail reports occurred between 925 and 950 CDT.
									The Brownsville Police Department reported that 12 cruisers had windshields shattered by hail, and Hanna High School in central Brownsville reported 285 automobiles with windows broken by hail. Much of the northern and central portions of the city suffered damage from this intense and historic storm. The storm was heavily documented and covered in the media with widespread accounts of its damage. The storm proceeded eastward and downed power lines in the community of Laguna Vista.
Kenedy County									
16 SW Sarita	25	1609CST			0	0			Hail (1.75)
Willacy County									
Raymondville	25	1742CST			0	0			Hail (0.75)
Willacy County									
Lyford	25	1758CST			0	0			Hail (1.75)
Cameron County									
Rio Hondo	25	1833CST			0	0			Hail (1.75)
Zapata County									
Zapata	29	2153CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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, South</u>									
Hidalgo County									
Mission	30	0009CST			0	0			Hail (1.75)
Hidalgo County									
Mission	30	0009CST			0	0			Hail (0.75)
Hidalgo County									
Penitas	30	0009CST 0014CST	0.3	100	0	11	1.5M		Tornado (F1)
Damage report and survey determined that an F1 tornado touched down in Penitas at the intersection of Seven Mile Road and Tom Gill Road. Thirty-seven mobile homes and other structures sustained damage or were destroyed. Several larger trailers were pushed from their foundations and overturned.									
Hidalgo County									
Alamo	30	0029CST			0	0			Hail (0.75)
<u>TEXAS, South Central</u>									
Real County									
North Portion	07	1800CST 2000CST			0	0	3K	0	Flash Flood
A general 2 inch rain fell across the northern part of Real County. It produced brief flash flooding that caused minor damage to roads.									
Kerr County									
West Portion	07	1815CST 2030CST			0	0	5K	0	Flash Flood
2 inches of rain over soils that were still very wet from recent rainfall produced brief flash flooding across the western portion of the county. Minor damage was reported to roads.									
Val Verde County									
5 E Laughlin Afb to 9 E Laughlin Afb	07	2235CST 2245CST			0	0	0	0	Hail (3.00)
Kinney County									
30 W Brackettville to 25 W Brackettville	07	2245CST 2255CST			0	0	0	0	Hail (3.00)
Dimmit County									
Carrizo Spgs	08	0140CST 0150CST			0	0	0	0	Hail (0.75)
Dimmit County									
3 W Big Wells to 1 E Big Wells	08	0150CST 0200CST			0	0	0	0	Hail (1.00)
Val Verde County									
9 SW Juno	18	2035CST 2045CST			0	0	0	0	Hail (0.88)
Caldwell County									
Mc Mahan	24	0625CST 0630CST			0	0	0	0	Hail (0.75)
Fayette County									
Muldoon	24	0640CST 0655CST			0	0	0	0	Hail (1.00)
<u>TEXAS, South Panhandle</u>									
Kent County									
13 S Jayton	05	1505CST			0	0			Hail (0.88)
Stonewall County									
15 SW Aspermont to 12 SW Aspermont	05	1505CST 1512CST	3	75	0	0			Tornado (F0)
The Stonewall County Sheriff reported a tornado over open country south of Double Mountain. An NWS storm survey was not conducted as the tornado caused no damage.									
Stonewall County									
1 E Aspermont to 2 E Aspermont	05	1520CST 1522CST			0	0			Hail (1.50)
Stonewall County									
5 S Aspermont	05	1527CST			0	0	10K		Hail (2.75)
An amateur radio storm spotter reported baseball size hail.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, South Panhandle									
Stonewall County									
5 S Old Glory	05	1535CST			0	0	30K		Hail (2.75)
									Baseball size hail struck and killed thirteen cattle.
Childress County									
Kirkland	06	0213CST			0	0			Hail (1.00)
TXZ021>024-027>030-033>036-039>042									Parmer - Castro - Swisher - Briscoe - Bailey - Lamb - Hale - Floyd - Cochran - Hockley - Lubbock - Crosby - Yoakum - Terry - Lynn - Garza
	15	1400CST 2000CST			0	0	100K		High Wind (G68)
									A strong upper level low moved north of the region causing an increase in mid level winds over the South Plains and extreme southwestern Panhandle. These strong winds mixed to the ground behind a dryline that moved east off the Caprock Escarpment by mid afternoon. Sustained winds of 40 to 45 mph with gusts to 60 mph occurred. The surface wind was even higher behind a Pacific cold front that moved through the region during the early evening. Widespread blowing dust decreased visibility to less than 1/2 mile at times. The wind also blew down numerous large tree limbs and power lines, snapped numerous power poles, damaged the roofs of several buildings and produced major damage to the roof of a church.
									The West Texas Mesonet stations recorded a number of high wind events across the region during the afternoon and evening hours. The measured peak wind gust at each of the stations exceeding high wind criteria follows: 64 mph gust 5 NE Abernathy in Hale County, 60 mph gust 1 NE Amherst in Lamb County, 66 mph gust 6 S Anton in Hockley County, 65 mph gust 2 S Brownfield in Terry County, 62 mph gust 2 NE Dimmitt in Castro County, 67 mph gust 2 NE Floydada in Floyd County, 68 mph gust 2 NE Friona in Parmer County, 67 mph gust 5 SW Graham in Garza County, 62 mph gust 3 N Hart in Castro County, 61 mph gust 3 W Lubbock in Lubbock County, 71 mph gust 4 S Levelland in Hockley County, 66 mph gust 1 NE Morton in Cochran County, 70 mph gust 1 N O'donnell in Lynn County, 71 mph gust 3 N Plains in Yoakum County, 61 mph gust 1 S Plainview in Hale County, 78 mph gust 1 SE Ralls in Crosby County, 69 mph gust Reese Center in Lubbock County, 62 mph gust 7 E Silvertown in Briscoe County, 62 mph gust 2 NE Slaton in Lubbock County, 58 mph gust 8 SW Sundown in Hockley County, 65 mph gust 3 NE Tahoka in Lynn County, and a 59 mph gust 2 NE Tulia in Swisher County.
Motley County									
2 S Flomot	15	1716CST			0	0			Hail (1.00)
Floyd County									
Floydada	15	1736CST			0	0			Hail (1.75)
									The Floyd County Sheriff reported golfball size hail.
Floyd County									
Floydada	15	1736CST			0	0			Thunderstorm Wind (G52)
									Strong thunderstorm wind blew down trees in town.
Crosby County									
Lorenzo	15	1740CST			0	0	10K		Thunderstorm Wind (G61)
									Strong thunderstorm wind caused severe damage to the roof of a house.
Floyd County									
2 N Floydada	15	1740CST			0	0	5K		Thunderstorm Wind (G52)
									Strong thunderstorm wind blew the roof off of a barn.
Motley County									
Flomot	15	1740CST			0	0	10K		Thunderstorm Wind (G57)
									A 30' by 40' shed was destroyed by strong thunderstorm winds.
Floyd County									
Lakeview	15	1742CST			0	0			Thunderstorm Wind (G52)
									Strong thunderstorm wind uprooted trees.
Hall County									
1 E Lakeview	15	1742CST			0	0			Thunderstorm Wind (G52)
									Strong thunderstorm wind uprooted trees.
Motley County									
Northfield	15	1742CST			0	0	25K		Hail (1.75)
									Golfball size hail was reported by the public.
Floyd County									
Floydada	15	1749CST			0	0			Thunderstorm Wind (G57)
Hall County									
Memphis	15	1755CST			0	0	10K		Thunderstorm Wind (G57)
									Strong thunderstorm wind destroyed several sheds and damaged the roof of a house.
Childress County									
2 S Childress	15	1800CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, South Panhandle									
Childress County									
5 S Childress	15	1800CST 1802CST	0.5	40	0	0			Tornado (F0)
A spotter reported a brief tornado touchdown in open country. An NWS storm survey was not conducted as the tornado produced no damage.									
Crosby County									
8 SE Crosbyton	15	1800CST			0	0			Thunderstorm Wind (G57)
The West Texas Mesonet station 6 NW White River Lake measured a 65 mph thunderstorm wind gust.									
Crosby County									
Crosbyton	15	1800CST			0	0	30K		Thunderstorm Wind (G65)
Strong thunderstorm wind caused severe damage to the roofs of several houses and blew down trees and power lines in town.									
Childress County									
Kirkland	15	1809CST			0	0			Hail (0.75)
Dickens County									
Spur	15	1809CST			0	0	20K		Thunderstorm Wind (G71)
Strong thunderstorm wind caused severe damage to the roof of a church.									
Motley County									
Matador	15	1809CST			0	0	5K		Thunderstorm Wind (G52)
Strong thunderstorm wind blew down trees and power lines in town. A storm spotter affiliated with the VFD estimated winds to be around 60 mph.									
Motley County									
Roaring Spgs	15	1810CST			0	0	5K		Thunderstorm Wind (G69)
The West Texas Mesonet station near Roaring Springs measured thunderstorm wind gusts of 79 mph. Trees and power lines were blown down by the strong wind.									
Dickens County									
Mc Adoo	15	1811CST			0	0			Hail (0.75)
Dickens County									
Afton	15	1815CST			0	0			Hail (1.00)
Dickens County									
Dickens	15	1815CST			0	0			Hail (0.88)
Childress County									
Kirkland	15	1820CST 1822CST	0.5	50	0	0	150K		Tornado (F1)
A Childress County Sheriff's Deputy reported a tornado. The tornado tore the roof off of a home, destroyed two vacant mobile homes, destroyed several barns, snapped trees, and downed about a dozen power poles.									
Cottle County									
5 W Paducah	15	1830CST			0	0			Thunderstorm Wind (G61)
Cottle County									
3 N Paducah	15	1830CST			0	0	15K		Thunderstorm Wind (G65)
Strong thunderstorm wind caused severe damage to the roof of a house.									
Childress County									
4 SE Childress	15	1835CST			0	0	5K		Thunderstorm Wind (G52)
Strong thunderstorm wind blew down trees and power lines.									
Cottle County									
Chalk	15	1835CST			0	0	15K		Thunderstorm Wind (G57)
Strong thunderstorm wind destroyed a 40' by 60' barn.									
Cottle County									
4 N Paducah	15	1843CST			0	0	4K		Thunderstorm Wind (G57)
Strong thunderstorm wind blew down several power poles.									
King County									
10 W Guthrie	15	1850CST			0	0			Hail (0.75)
Kent County									
Girard	15	1855CST			0	0			Hail (0.88)
King County									
8 N Guthrie	15	1911CST			0	0	3K		Hail (1.75)
Golfball size hail damaged a vehicle.									

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, South Panhandle									
Kent County									
Girard	15	1912CST			0	0	15K		Hail (1.75)
	The Kent County Sheriff reported golfball size hail.								
Stonewall County									
15 N Aspermont	15	1943CST			0	0			Hail (1.75)
	The Stonewall County Sheriff reported golfball size hail.								
Lynn County									
7 W Tahoka	18	2120CST			0	0			Hail (1.75)
	The Lynn County Sheriff's Office reported golfball size hail.								
Garza County									
Southland	18	2150CST			0	0			Hail (1.00)
Crosby County									
Crosbyton	18	2215CST			0	0			Hail (0.75)
Dickens County									
4 W Dickens	18	2215CST			0	0			Hail (1.00)
Terry County									
Brownfield	18	2230CST			0	0			Hail (0.75)
Cottle County									
7 N Paducah	18	2305CST			0	0	6K		Thunderstorm Wind (G61)
	Strong thunderstorm wind blew down several power poles.								
Crosby County									
Crosbyton	18	2315CST			0	0	50K		Hail (2.00)
	The NWS Cooperative Observer in Crosbyton reported two inch diameter hail.								
Lubbock County									
Lubbock	18	2318CST 2325CST			0	0			Hail (1.00)
	Several off-duty NWS employees reported penny to quarter size hail on the southwest side of Lubbock.								
Lubbock County									
3 W Woodrow	18	2320CST			0	0			Hail (1.00)
Dickens County									
2 S Dickens	18	2324CST			0	0			Hail (1.00)
Dickens County									
Afton	18	2330CST			0	0	15K		Hail (1.75)
	The Dickens County Sheriff's Office reported golfball size hail.								
Lynn County									
New Home	18	2350CST			0	0	20K		Hail (1.75)
	The Emergency Manager reported golfball size hail.								
Cottle County									
Paducah	19	0005CST 0010CST			0	0			Hail (1.00)
Cottle County									
8 W Paducah	19	0005CST			0	0	10K		Hail (2.75)
	Storm spotters affiliated with the Paducah Fire Department reported baseball size hail.								
Cottle County									
8 W Paducah	19	0005CST			0	0			Thunderstorm Wind (G61)
Crosby County									
Ralls	19	0015CST			0	0	25K		Hail (1.75)
	The Crosby County Sheriff's Office reported golfball size hail.								
Cottle County									
10 N Paducah	19	0020CST			0	0			Hail (1.75)
	Storm spotters affiliated with the Paducah Fire Department reported golfball size hail.								
Crosby County									
Ralls	19	0020CST			0	0			Hail (1.75)
	The Crosby County Sheriff's Office reported golfball size hail.								
Motley County									
Roaring Spgs	19	0030CST			0	0	15K		Hail (1.75)
	Storm spotters reported golfball size hail.								

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
TEXAS, South Panhandle									
Motley County									
3 S Matador to Roaring Spgs	19	0045CST 0048CST			0	0	25K		Hail (1.75)
			Storm spotters affiliated with the Matador Fire Department reported golfball size hail.						
Motley County									
Roaring Spgs	19	0100CST			0	0			Hail (1.00)
Cottle County									
Paducah	19	0120CST			0	0			Hail (0.88)
Dickens County									
Dickens	19	0150CST			0	0	25K		Hail (1.75)
			The Dickens County Sheriff's Office reported golfball size hail.						
Cottle County									
Paducah	19	0242CST			0	0			Hail (1.00)
Kent County									
Girard	19	0310CST			0	0			Hail (1.00)
Briscoe County									
3 NE Quitaque	23	1116CST	0.1	40	0	0			Tornado (F0)
			A tornado was reported over open country. An NWS storm survey was not conducted as the tornado caused no damage.						
Hall County									
2 NW Turkey	23	1122CST 1123CST	0.2	40	0	0			Tornado (F0)
			The Briscoe County Sheriff's Office reported a brief tornado touchdown over open country. An NWS storm survey was not conducted as the tornado caused no damage.						
King County									
4 SW Finney to 3 SW Finney	23	1144CST 1149CST	1	50	0	0			Tornado (F0)
			The King County Sheriff's Office reported a tornado over open country. An NWS storm survey was not conducted as the tornado caused no damage.						
Cottle County									
Delwin	23	1208CST			0	0			Hail (1.00)
Cottle County									
Hackberry	23	1218CST			0	0	10K		Hail (1.75)
			The Cottle County Sheriff's Office reported golfball size hail.						
King County									
2 W Grow	23	1218CST			0	0			Hail (1.75)
			The Guthrie Fire Department reported golfball size hail.						
King County									
Guthrie	23	1220CST			0	0			Hail (1.50)
Stonewall County									
10 S Aspermont	23	1246CST			0	0			Hail (0.75)
Terry County									
6 N Brownfield	28	1540CST			0	0	2K		Thunderstorm Wind (G61)
			Strong thunderstorm wind snapped a power pole on Highway 62/82.						
Lubbock County									
1 E Reese Vlg	28	1607CST			0	0	4K		Thunderstorm Wind (G52)
			Strong thunderstorm wind blew down power lines.						
Lubbock County									
6 NW Shallowater	28	1609CST			0	0			Hail (0.75)
Hale County									
Plainview	28	1615CST 1620CST			0	0			Hail (0.75)
Lubbock County									
Lubbock	28	1620CST			0	0			Hail (0.88)
			Nickel size hail was reported at 19th Street and University Avenue.						
Lubbock County									
Lubbock	28	1623CST			0	0			Thunderstorm Wind (G53)
			A 61 mph thunderstorm wind gust was measured at KJTV on the south side of town.						

Storm Data and Unusual Weather Phenomena

April 2003

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, South Panhandle</u>									
Lynn County									
3 NE Tahoka	28	1630CST 1635CST			0	0			Thunderstorm Wind (G58)
		The West Texas Mesonet station 3 NE Tahoka measured a 67 mph thunderstorm wind gust.							
TXZ042									
	28	1855CST 2010CST			0	0			High Wind (G59)
		Severe thunderstorms developed and moved across the South Plains during the evening. Based on barometric pressure readings from the West Texas Mesonet station 5 SW Graham, a mesolow developed well behind the storms as they exited the region. That observation site recorded a fall in pressure of 0.18 inches in 55 minutes. The tight pressure gradient associated with the mesolow development resulted in sustained winds of 40 to 50 mph with gusts as high as 68 mph. The peak gust was measured at 840 pm.							
Lubbock County									
3 S Abernathy	29	1417CST			0	0	3K		Hail (1.75)
		The Mayor reported golfball size hail.							
Crosby County									
5 S Crosbyton	29	1610CST			0	0			Hail (1.00)
Hall County									
7 W Memphis	29	1633CST 1635CST			0	0			Hail (1.00)
Hall County									
Memphis	29	1655CST			0	0			Hail (1.00)
Dickens County									
10 SE Spur	29	1747CST			0	0			Hail (1.00)
Stonewall County									
4 SW Aspermont	29	1821CST			0	0			Hail (0.88)
Stonewall County									
Aspermont	29	1827CST			0	0			Hail (0.88)
Stonewall County									
Swenson	29	1840CST			0	0	50K		Hail (2.75)
		The Stonewall County Sheriff's Office reported baseball size hail.							
Stonewall County									
Aspermont	29	1926CST 1929CST			0	0	25K		Hail (1.75)
		The Stonewall County Sheriff's Office reported golfball size hail.							
Stonewall County									
Peacock	29	1943CST			0	0			Hail (0.75)
Stonewall County									
Peacock	29	1950CST			0	0	15K		Hail (1.75)
		The Stonewall County Sheriff's Office reported golfball size hail.							
Stonewall County									
Swenson	29	2007CST			0	0			Hail (0.88)
<u>TEXAS, Southeast</u>									
Jefferson County									
Sabine Pass	07	1124CST			0	0			Hail (2.75)
Jefferson County									
2 SW Hamshire	07	1305CST			0	0			Hail (0.75)
Jefferson County									
Port Arthur	08	0220CST			0	0			Hail (0.88)
Jefferson County									
China	20	1320CST			0	0			Hail (0.75)
Jefferson County									
3 W Beaumont	20	1330CST			0	0			Hail (1.50)

Storm Data and Unusual Weather Phenomena

April 2003

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									
Scurry County									
20 NE Snyder	05	1430CST			0	0	0	0	Hail (1.75)
	The 5th was an active severe weather day across parts of Texas. An isolated supercell thunderstorm developed along a dryline in Scurry County during the mid afternoon. This storm produced golfball size hail near the Hudd community in far northeast Scurry County. The storm became tornadic as it continued northeast of the area over the next hour.								
TXZ050-074-258 Andrews - Davis / Apache Mountains Area - Guadalupe Mountains Of Culberson County									
	15	1100CST 1810CST			0	0	35K	0	High Wind (G86)
	Damage was sustained to trees, powerlines, traffic lights and signs. In one instance, a falling tree struck a vehicle. No injuries were reported.								
	An automated observing system at Mount Locke reported a peak wind gust of 73 MPH.								
	Automated observing systems at the Guadalupe Bowl and Guadalupe Pass reported peak gusts of 99 and 98 MPH respectively.								
	A very strong and dynamic storm system moved over the Southern Plains on the 15th. A deep surface trough and dryline swept east across the Permian Basin during the afternoon hours. Very strong winds were propagating through the base of the mid level trough, with 50+ knots indicated within 1 km above ground on the KMAF 88D VAD profiler.								
	These winds, along with strong subsidence behind the wave and a tight pressure gradient, resulted in strong winds across a large part of West Texas with widespread gusts in the 50 to 65 MPH range. Gusts were observed as high as 98 MPH in the Guadalupe Mountains. The most significant damage reported in West Texas was in Andrews County.								
Gaines County									
4 N Cedar Lake	18	2130CST			0	0	0	0	Hail (0.88)
Gaines County									
3 NW Seminole	18	2314CST			0	0	0	0	Hail (0.88)
	Reported at the intersection of Highway 214 and County Road 206.								
Gaines County									
5 S Seminole to 3 S Seminole	18	2335CST 2337CST			0	0	0	0	Hail (1.00)
	Reported on Highway 385.								
	Severe thunderstorms developed over the northern parts of the Permian Basin during the late evening of the 18th. The most intense storms were over Gaines County, where hail to the size of quarters was reported.								
Howard County									
Coahoma	23	1124CST			0	0	0	0	Hail (0.75)
	Thunderstorms developed along a dryline which was rapidly propagating east across the Permian Basin around midday on the 23rd. Penny size hail was reported in Coahoma with one of the stronger storms. Severe weather became widespread as these storms moved east of the basin through the afternoon hours.								
Brewster County									
8.5 SE Alpine	27	1753CST 1755CST			0	0	0	0	Hail (0.88)
	Reported by the public on State Route 118.								
Brewster County									
Marathon	27	1844CST			0	0	0	0	Hail (1.00)
Brewster County									
Marathon	27	1844CST			0	0	0	0	Thunderstorm Wind (G52)
Brewster County									
Marathon	27	1845CST 1900CST			0	0	20K	0	Flash Flood
	Local authorities reported minor damage to a few houses from flash flooding.								
Brewster County									
4 E Marathon	27	1900CST			0	0	0	0	Hail (0.75)
	A member of the general public returning home around midnight CST reported penny hail covering the ground some five hours after the severe thunderstorm moved over the area.								
	An isolated supercell thunderstorm developed during the late afternoon and moved east across northern Brewster County. A second severe storm developed just north of Marathon, and began propagating south. The two storms merged over the city of Marathon and resulted in large hail, damaging winds, and flash flooding.								
Gaines County									
25 E Seminole	28	1553CST			0	0	0	0	Hail (1.00)
	Reported on Highway 180.								

Storm Data and Unusual Weather Phenomena

April 2003

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									
Dawson County									
6 WSW Lamesa	28	1612CST 1618CST			0	0	0	0	Hail (0.88)
Reported at the intersection of Farm to Market Road 829 and Highway 180.									
Dawson County									
8 N Lamesa to 5 N Lamesa	28	1640CST 1642CST			0	0	0	0	Hail (1.00)
Reported on Farm to Market Road 179 and Highway 137.									
Andrews County									
17 NE Andrews	28	1710CST			0	0	0	0	Hail (1.00)
Quarter size hail covered the ground.									
Dawson County									
10 N Lamesa	28	1730CST 1815CST			0	0	0	0	Flash Flood
The Texas Department of Transportation reported high water covering the intersection of Highways 1210 and 178 in northern Dawson County.									
Borden County									
12 S Gail	28	1735CST			0	0	0	0	Thunderstorm Wind (G52)
Reported on Highway 669.									
Martin County									
11 NW Tarzan	28	1735CST			0	0	0	0	Hail (0.75)
A spotter reported penny size hail on Highway 349 eight miles north of the intersection with Highway 176.									
Martin County									
11 W Tarzan	28	1746CST			0	0	0	0	Hail (1.75)
Martin County									
11 W Tarzan	28	1746CST			0	0	0	0	Thunderstorm Wind (G63)
A storm chaser reported golfball size hail blown horizontally by severe thunderstorm winds. The chaser's portable anemometer recorded a peak gust of 72 MPH.									
Martin County									
13 SW Tarzan	28	1808CST			0	0	0	0	Hail (0.88)
A spotter reported nickel size hail ten miles south of the intersection of Highways 349 and 176.									
Howard County									
Knott	28	1810CST			0	0	0	0	Hail (0.75)
Scurry County									
3 E Snyder	28	1830CST 1850CST			0	0	0	0	Thunderstorm Wind (G59)
Severe thunderstorm gusts measured by Texas Mesonet.									
Howard County									
Big Spring	28	1835CST			0	0	12K	0	Thunderstorm Wind (G57)
Two trees were blown down by severe thunderstorm winds and caused damage to electrical transformers. In addition, a roof was blown off of a portable building at the school.									
Martin County									
15 SW Tarzan	28	1845CST			0	0	0	0	Hail (1.75)
An off duty NWS meteorologist reported golfball hail stones sporadically falling on Highway 349 three miles north of the Martin/Midland County line. These hail stones were ejected some distance from the parent supercell thunderstorm, which was centered about twelve miles to the northeast.									
Mitchell County									
3.5 S Westbrook	28	1856CST			0	0	0	0	Thunderstorm Wind (G52)
The 28th was an active severe weather day which resulted in numerous reports of large hail and damaging winds across the Permian Basin. The activity initiated in the late afternoon near a triple point located over the northwest Permian Basin. Numerous small but intense cells develop over Dawson and eastern Gaines Counties. These storm resulted in hail up to one inch in diameter. An isolated supercell evolved over northeast Andrews County and tracked southeast (turning right of the mean steering flow) across Martin County. This storm produced up to golfball size hail and wind gusts in excess of 70 MPH. Meanwhile, more linear convection began to bow over northern Howard County and resulted in damaging winds in the Big Spring vicinity. Damaging thunderstorm winds also occurred over the northeast Permian Basin and the western Low Rolling Plains.									

Storm Data and Unusual Weather Phenomena

April 2003

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

Terrell County

6.5 N Dryden	29	1614CST 1644CST			0	0	0	0	Hail (1.75)
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An isolated supercell thunderstorm developed over central Terrell County and propagated south toward Dryden. The Terrell County S.O. relayed a report from a rancher north of Dryden of large hail. The rancher reported the ground covered with golfball size hail which fell for thirty minutes.

TEXAS, Western North

Baylor County

4 N Mabelle	05	1930CST			0	0			Hail (0.75)
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Baylor County

Seymour	05	1949CST			0	0			Hail (0.88)
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Baylor County

Lake Kemp	05	1953CST			0	0			Hail (0.75)
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Wichita County

5 S Electra	05	1953CST			0	0			Hail (1.00)
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Baylor County

Lake Kemp	05	2004CST			0	0			Hail (0.88)
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Baylor County

8 S Lake Kemp	05	2008CST			0	0			Hail (1.00)
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Wichita County

Iowa Park	05	2016CST			0	0			Hail (0.75)
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Wichita County

Iowa Park	05	2019CST			0	0			Hail (1.00)
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Archer County

Dundee	05	2030CST			0	0			Hail (1.00)
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Archer County

5 E Dundee	05	2032CST			0	0			Hail (1.00)
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Archer County

5 NW Archer City	05	2036CST			0	0			Hail (1.75)
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Archer County

5 W Archer City	05	2046CST			0	0			Hail (1.75)
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Archer County

6 N Archer City	05	2048CST			0	0			Hail (1.00)
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Archer County

1 N Archer City	05	2050CST			0	0			Hail (1.25)
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Archer County

4 N Archer City	05	2051CST			0	0			Hail (2.00)
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Archer County

Archer City	05	2056CST			0	0			Hail (1.00)
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Clay County

Charlie	05	2101CST			0	0			Hail (0.75)
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Clay County

2 S Charlie	05	2102CST			0	0			Hail (0.75)
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Clay County

2 S Jolly	05	2102CST			0	0			Hail (0.75)
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Clay County

Lake Arrowhead	05	2107CST			0	0			Hail (0.75)
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Clay County

5 S Jolly	05	2109CST			0	0			Hail (0.75)
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Archer County

2 S Scotland	05	2110CST			0	0			Hail (1.75)
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Clay County

4 S Henrietta	05	2120CST			0	0			Hail (0.75)
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Clay County

8 S Henrietta	05	2123CST			0	0			Hail (1.75)
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Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Western North									
Archer County									
10 N Windthorst	05	2124CST			0	0			Hail (0.88)
Archer County									
2 N Scotland	05	2140CST			0	0	0.50K		Thunderstorm Wind (G56)
		Power lines were downed.							
Clay County									
Bellevue	05	2154CST			0	0			Hail (0.75)
Clay County									
3 S Bellevue	05	2203CST			0	0			Hail (1.75)
Hardeman County									
2 N Williams to 4.5 NE Williams	15	1823CST 1829CST	3.5	350	0	0	75K		Tornado (F2)
	This tornado began in Hardeman County, Texas producing F2 damage before moving northeast and crossing the Red River at 1829 CST into extreme western Jackson County, Oklahoma then moving into Harmon County, Oklahoma where it dissipated. The tornado moved through a farm north of Williams, Texas causing significant damage. A hay barn, saddle shed, garage, shop, and chicken house were destroyed. The house was also damaged with broken windows, porch removed from the house, tree limbs driven through the north facing wall, and the east wall of the house separated by approximately an inch.								
Hardeman County									
16 NW Goodlett	15	1848CST			0	0			Hail (0.75)
Hardeman County									
8 SW Chillicothe	15	1918CST			0	0			Thunderstorm Wind (G52)
Hardeman County									
4 N Chillicothe	15	1920CST			0	0	5K		Thunderstorm Wind (G61)
	Power lines were downed and trees uprooted on Farm to Market Road 91.								
Hardeman County									
1 N Chillicothe	15	1925CST			0	0			Thunderstorm Wind (G61)
Hardeman County									
Medicine Mound	15	1925CST			0	0			Hail (0.75)
Knox County									
7 W Truscott	15	1930CST			0	0			Thunderstorm Wind (G52)
Knox County									
2 NW Knox City to 3 NNW Knox City	15	1952CST 1954CST	2	100	0	0	10K		Tornado (F1)
	This tornado seen by a Knox County DPS officer caused significant damage to a shed and downed several power poles northwest of Knox City. Numerous trees were also uprooted in this area.								
Wilbarger County									
Vernon	15	1955CST			0	0	2K		Thunderstorm Wind (G52)
	Some minor damage to buildings and awnings along with a few broken windows.								
Wilbarger County									
8 S Vernon	15	2000CST			0	0			Thunderstorm Wind (G52)
Knox County									
2 NW Munday	15	2005CST			0	0	0.50K		Thunderstorm Wind (G56)
	The strong winds caused some tree damage.								
Knox County									
1 S Rhineland	15	2015CST			0	0			Hail (1.00)
Baylor County									
8 E Seymour	15	2030CST			0	0			Hail (1.00)
Baylor County									
8 E Seymour	15	2030CST			0	0			Thunderstorm Wind (G52)
Baylor County									
Seymour	15	2105CST			0	0			Hail (0.75)
Archer County									
15 W Archer City	15	2110CST			0	0			Hail (1.00)
Clay County									
5 SW Bluegrove	15	2140CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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, Western North</u>									
Clay County									
Jolly	15	2204CST			0	0			Hail (0.75)
Clay County									
Jolly	15	2206CST			0	0			Hail (0.88)
Archer County									
Lakeside City	15	2210CST			0	0			Hail (0.75)
Wichita County									
Wichita Falls	15	2215CST			0	0			Hail (1.25)
Hail reported on south side of Wichita Falls.									
Wichita County									
Wichita Falls	15	2223CST			0	0			Hail (1.00)
Hail was reported on southeast side of Wichita Falls.									
Archer County									
Lake Kickapoo	18	1846CST			0	0			Hail (1.75)
Hail was reported on north side of lake.									
Archer County									
7 SW Wichita Falls	18	1851CST			0	0			Hail (0.75)
Wichita County									
Wichita Falls	18	1911CST			0	0			Hail (0.88)
Wichita County									
Sheppard Afb	18	1913CST			0	0			Hail (0.75)
Hardeman County									
Acme	19	0040CST			0	0			Hail (1.00)
Hardeman County									
Quanah	19	0046CST			0	0			Hail (1.00)
Hardeman County									
3 E Quanah	19	0050CST			0	0			Hail (2.00)
Hardeman County									
5 W Chillicothe	19	0054CST			0	0			Hail (1.75)
Hardeman County									
8 SW Chillicothe	19	0055CST			0	0			Thunderstorm Wind (G52)
Wilbarger County									
4 W Tolbert	19	0110CST			0	0			Hail (0.88)
Hardeman County									
Goodlett	19	0158CST			0	0			Hail (0.75)
Hardeman County									
Acme	19	0202CST			0	0			Hail (0.88)
Hardeman County									
Quanah	19	0202CST			0	0			Hail (1.00)
Hardeman County									
3 E Quanah	19	0210CST			0	0			Hail (1.00)
Hardeman County									
Acme	19	0318CST			0	0			Hail (1.00)
Hardeman County									
Quanah	19	0323CST			0	0			Hail (0.88)
Knox County									
1 W Truscott	19	0410CST			0	0			Hail (0.88)
Wilbarger County									
2 S Vernon	19	0500CST			0	0			Hail (1.75)
Foard County									
19 WNW Crowell	23	1242CST			0	0			Hail (0.75)
Knox County									
Truscott	23	1314CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2003

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>									
Hardeman County									
6 S Quannah to 5 SSE Quannah	23	1315CST 1319CST	1.5	50	0	0			Tornado (F0)
Storm chasers observed the tornado as it developed in open country and became rain wrapped. No damage was reported with this tornado.									
Knox County									
8 SSW Truscott to 7.5 SSW Truscott	23	1324CST 1325CST	0.5	50	0	0			Tornado (F0)
A storm chaser observed this very brief tornado in the open field. No damage was reported with this tornado.									
Hardeman County									
Medicine Mound	23	1330CST			0	0			Hail (0.75)
Knox County									
3 W Truscott	23	1332CST			0	0			Hail (0.75)
Knox County									
4 S Truscott	23	1333CST			0	0			Hail (1.75)
Knox County									
4 S Truscott	23	1333CST			0	0			Thunderstorm Wind (G52)
Baylor County									
9 N Mabelle	23	1455CST			0	0			Hail (0.88)
Archer County									
1.5 NNE Mankins	23	1610CST			0	0			Hail (0.75)
Wichita County									
1 SW Pleasant Valley	23	1640CST			0	0			Hail (0.88)
Archer County									
1.5 NNE Mankins	23	1844CST 1846CST			0	0			Hail (0.75)
Wichita County									
Wichita Falls	23	1845CST			0	0			Hail (1.00)
Archer County									
Dundee	23	1847CST			0	0			Hail (0.88)
Archer County									
1.5 NNE Mankins	23	1853CST 1855CST			0	0			Hail (0.88)
Archer County									
Holliday	23	1854CST			0	0			Hail (0.75)
Archer County									
1 S Holliday	23	1854CST			0	0			Hail (0.75)
Archer County									
1 W Holliday	23	1857CST			0	0			Hail (0.88)
Archer County									
1.5 NNE Mankins	23	1858CST 1859CST			0	0			Hail (0.88)
Archer County									
1.5 NNE Mankins	23	1904CST 1905CST			0	0			Hail (0.88)
Wichita County									
Wichita Falls	23	1905CST			0	0			Hail (0.88)
Archer County									
5 S Holliday	23	1910CST			0	0			Hail (0.75)
Reported by Channel 7 in Lawton, Oklahoma.									
Archer County									
1.5 NNE Mankins	23	1910CST			0	0			Hail (0.75)
Wichita County									
Wichita Falls	23	1911CST			0	0			Hail (1.00)
Archer County									
2 W Holliday	23	1914CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2003

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

A cold front from the Great Lakes east to the south of New England marked a sharp boundary between warm and cold air masses. Moisture associated with a storm system which moved east from the Great Lakes region Thursday evening, April 3rd and Friday, April 4th, spread a mixture of light snow, sleet and freezing rain across the area. Snow accumulations were 1 to 3 inches with extremely slippery roads. Numerous traffic accidents were reported, with a portion of I-89 closed for a time during the afternoon of Thursday, April 3rd.

VTZ011>012

Western Rutland - Windsor

04	0500EST								
05	1200EST				0	0	80K		Winter Storm

A cold front from the Great Lakes east to the south of New England marked a sharp boundary between warm and cold air masses. An area of low pressure moved from the Great Lakes Friday, April 4th, across New England Saturday, April 5th, and into the Canadian Maritimes Saturday night. Snow fell across the area from very late Thursday night (April 3rd) and early Friday (April 4th) and continued into Saturday, April 5th. At times the precipitation mixed with or changed to sleet and freezing rain. Snowfall accumulations ranged from 10 to 20 inches. A few reports included: South Woodstock (Windsor county) with 20 inches and Rutland (Rutland county) with 18.5 inches. Numerous traffic accidents were reported, with a portion of I-91 closed for a time.

VTZ008>010

Washington - Western Addison - Orange

05	0400EST								
	1200EST				0	0	30K		Winter Storm

A cold front from the Great Lakes east to the south of New England marked a sharp boundary between warm and cold air masses. An area of low pressure moved from the Great Lakes Friday, April 4th, across New England Saturday, April 5th, and into the Canadian Maritimes Saturday night. Snow fell across the area from very late Thursday night (April 3rd) and early Friday (April 4th). The precipitation continued into Saturday, April 5th, and at times the precipitation mixed with or changed to sleet and freezing rain. The heaviest snow fell across Central and southern portions of the area. A few reports included: Salisbury (Addison county) with 11 inches, Waitsfield (Washington county) with 9 inches, and Chelsea (Orange county) with 7.2 inches.

VTZ007

Caledonia

05	0700EST								
	1200EST				0	0	10K		Winter Storm

A cold front from the Great Lakes east to the south of New England marked a sharp boundary between warm and cold air masses. An area of low pressure moved from the Great Lakes Friday, April 4th, across New England Saturday, April 5th, and into the Canadian Maritimes Saturday night. Snow fell across the area Friday (April 4th) and continued into Saturday, April 5th, and at times the precipitation mixed with sleet and freezing rain. The heaviest snow fell across the south half of the county, where around 7 inches accumulated, while around 5 inches fell in the north half of the county.

VTZ002>007-009>011

Western Franklin - Orleans - Essex - Western Chittenden - Lamoille - Caledonia - Western Addison - Orange - Western Rutland

23	1600EST								
24	1600EST				0	0	9K		Winter Weather/Mix

A storm system moved north just to the east of New England during April 23rd and 24th. This system spread wet snow across portions of the area. Accumulations of snow were 3 to 6 inches, especially in the hilly terrain, with locally higher amounts in the mountains.

VERMONT, South

VTZ013

Bennington

04	1200EST								
05	1200EST				0	0	50K		Wildfire

A large arctic high pressure system became established over the James Bay region of Canada early on Thursday, April 3. The leading edge of this unseasonably chilly air mass worked southward across New York State and adjacent New England, stalling just to the south of the region by late on the 3rd. A series of low pressure systems propagated along the strong stationary boundary were able to produce copious moisture. The air was cold enough for mostly snow in southern Vermont with the first storm Thursday night into Friday. Precipitation during the day Friday was mainly freezing drizzle, but another storm brought more significant precipitation to the region again by Friday night into Saturday. This time, the precipitation fell mostly as sleet. By the time the precipitation ended midday Saturday, a mantle of seven or more inches of snow and sleet had accumulated across Bennington County with a little icing as well. Sunderland reported 8.8 inches of snow and sleet. No unusual problems were reported to the National Weather Service as a result of this late winter storm in Bennington County.

VIRGIN ISLANDS

St. Croix County

St. Croix

04	1300AST								
	1600AST				0	0	50K		Wildfire

A brush fire was reported near Grassy Point in St Croix. It was burning up in open terrain and hills. A substantial number of acres were burned. Lack of rainfall could have been a contributing factor.

St. Croix County

St. Croix

17	1200AST								
18	2359AST				0	0	50K		Heavy Rain

Localized urban flooding was reported across St. Croix due to intermittent heavy rains through the night.

Storm Data and Unusual Weather Phenomena

April 2003

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

St. Thomas/St. John & Islands County

Countywide	17	1200AST			0	0			Heavy Rain
	18	2359AST							

An intense upper to mid level trough west of Puerto Rico generated showers and thunderstorms that affected the U.S. Virgin Island. Widespread flooding, rockslides, and road closures were reported. The rains started on St. Thomas and St. John around 12 noon and continued during the rest of the afternoon and evening. More than three inches of rain were recorded in St. Thomas. Havensight in St. Thomas was one of the most flood affected areas due to poor drainage. Brookman Road was closed between Four Winds Plaza and the Bridge to Nowhere. These rains put an end to the drought that had affected the U.S. Virgin Islands since the early part of the year. Rainfall accumulations of 5.68 inches were recorded at the St. Thomas airport on April 17-18, the St. Croix airport only recorded 2.54 inches.

St. Croix County

St. Croix	22	1100AST 1600AST			0	0			Heavy Rain
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St. Thomas/St. John & Islands County

St. Thomas	22	1100AST 1600AST			0	0			Heavy Rain
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Low pressure north of the U.S. Virgin Islands produced heavy rains across the northern Virgin Islands from late morning through mid afternoon. Minor flooding of low lying areas and small rock slides were reported.

VIZ002

St. Croix

29	1600AST			0	0			Volcanic Ash
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A Cessna aircraft flying at four thousand feet reported volcanic ash cloud six miles southwest of St. Croix.

VIRGINIA, East

VAZ077>078-084>086-091-094>095-097>100 Northumberland - Lancaster - Gloucester - Middlesex - Mathews - York - Newport News - Norfolk - Chesapeake - Virginia Beach - Accomack - Northampton

10	0500EST			0	0	80K		Strong Wind
11	0100EST							

A spring nor'easter produced wind gusts between 40 and 48 knots (46 and 55 mph) across much of eastern Virginia, from early Thursday morning into Thursday night. A wind gust of 48 knots was recorded at WAL. These strong winds caused up to 60,000 Dominion Virginia Power customers to lose power at some time during the event. The winds also downed some trees and utility poles, as well as produced minor structural damage.

VAZ084-086-091-094>095-098

Gloucester - Mathews - York - Newport News - Norfolk - Virginia Beach

10	0500EST 1700EST			0	0			Astronomical High Tide
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Flooding occurred at the time of high tide in some streets and yards across portions of the Middle Peninsula and Hampton Roads.

VAZ100

Northampton

17	2040EST 2240EST			0	0			Astronomical High Tide
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Flooding occurred at the time of high tide in some streets and yards of the town of Oyster. The water on Broadwater Circle was over a foot deep.

VAZ060>061

Prince Edward - Cumberland

24	0450EST 0615EST			0	0			Frost/Freeze
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Temperatures near 32 degrees occurred. The average duration was around 1 hour.

Louisa County

5 WSW Louisa

30	1930EST			0	0			Hail (0.75)
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VIRGINIA, Extreme Southwest

Wise County

Wise

08	1250EST			0	0			Hail (0.75)
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3/4 inch hail reported by 911 dispatch.

VAZ001>002-005>006-008 Lee - Wise - Scott - Russell - Washington

10	0800EST			0	0			Flood
11	0300EST							

Seven day rainfall totals (4th through the 10th) of three to five inches were reported across southwest Virginia, with one to three inches occurring on the 10th. Several secondary roads across the area were flooded with several rivers experiencing minor flooding including

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>VIRGINIA, Extreme Southwest</u>									
									the Clinch and Powell rivers.
<u>VIRGINIA, North</u>									
Nelson County									
Gladstone	30	1830EST			0	0	0.10K		Thunderstorm Wind (G50)
									A tree was downed.
Albemarle County									
1 E Cobham	30	1945EST			0	0	0.50K		Thunderstorm Wind (G50)
									A large tree was downed onto Route 22. Scattered thunderstorms with high winds moved through Nelson and Albemarle counties during the evening of the 30th. In Nelson County, a tree was downed onto a country road near Gladstone. In Albemarle County, a large tree was downed onto Route 22 near the Louisa County line. The road had to be closed until the tree could be removed.
<u>VIRGINIA, Northwest</u>									
									NONE REPORTED.
<u>VIRGINIA, Southwest</u>									
VAZ011-019>020-022 Giles - Alleghany - Bath - Roanoke									
	07	0300EST 1600EST			0	0	0		Ice Storm
									Freezing rain occurred in the higher elevations of Bath, Alleghany, Giles, and Roanoke Counties during the morning and afternoon hours on the 7th. Ice accretion ranged up to 1/2 inch at elevations above 3,000 feet.
VAZ017-024-035 Floyd - Rockbridge - Amherst									
	09	0300EST 1000EST			0	0	0		Ice Storm
									Freezing rain during the morning hours on the 9th resulted in sporadic ice accretion of up to 1/4 inch at elevations above 3,000 feet in Rockbridge, Amherst, and Floyd Counties.
VAZ044>045-058>059 Pittsylvania - Campbell - Halifax - Charlotte									
	09 13	0915EST 2243EST			0	0	0		Flood
									Heavy rainfall on the 9th and 10th resulted in up to moderate flooding on portions of the Roanoke and Dan Rivers. The Roanoke River crested almost 2 feet above flood stage around 10 AM EST on the 11th at Brookneal and over 5 feet above flood stage at 515AM EST on the 12th at Randolph. The Dan River crested over 4 feet above flood stage at 3 AM EST on the 12th at Danville, around 4.5 feet above flood stage at 415 PM EST on the 12th at Paces, and over 8 feet above flood stage at 3 AM EST on the 13th at South Boston.
VAZ033-043>045 Franklin - Henry - Pittsylvania - Campbell									
	10	0630EST 0900EST			0	0	23K		Strong Wind
VAZ016-022-032-044 Carroll - Roanoke - Patrick - Pittsylvania									
	10	0800EST 2000EST			0	0	0		Flood
									Moderate to heavy rain during the morning and afternoon hours on th 10th resulted in small stream flooding in portions of Pittsylvania and Carroll Counties. In addition, Beaver Dam Creek in Patrick County, and Tinker Creek in Roanoke County were flooded. Strong winds combined with the wet ground result in several trees being uprooted across Franklin, Henry, Campbell, and Pittsylvania Counties. In Danville, a house was damaged when a tree fell on it. In Lynchburg, trees and power lines were knocked down which resulted in 2,000 homes and businesses without power.
VAZ047 Buckingham									
	12	1720EST 1725EST			0	0	0		Flood
									Heavy rainfall on the 9th and 10th resulted in the James River at Breomo Bluff reaching flood stage at 520 PM EST on the 12th.
Grayson County									
Whitetop	30	1430EST			0	0	0		Hail (0.75)
Montgomery County									
Blacksburg	30	1500EST			0	0	0		Hail (1.00)
Giles County									
Pembroke	30	1525EST			0	0	0		Hail (0.75)
Patrick County									
6 SE Charity	30	1600EST			0	0	0		Thunderstorm Wind (G60)

Storm Data and Unusual Weather Phenomena

April 2003

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, Southwest</u>									
Patrick County									
4.5 ENE Elamsville	30	1600EST			0	0	0		Thunderstorm Wind (G60)
Patrick County									
Stuart	30	1600EST			0	0	0		Hail (1.00)
Roanoke County									
Catawba	30	1610EST			0	0	0		Hail (1.00)
Roanoke County									
3 NE Roanoke City	30	1640EST			0	0	0		Hail (0.75)
Roanoke (C)									
4 SW Roanoke	30	1640EST			0	0	0		Hail (1.00)
Roanoke County									
4 NE Roanoke City	30	1646EST			0	0	0		Hail (0.88)
Roanoke County									
2 E Vinton	30	1650EST			0	0	0		Hail (0.75)
Pittsylvania County									
Gretna	30	1700EST 1715EST			0	0	0		Hail (0.75)
Bedford County									
Goode	30	1746EST			0	0	0		Hail (0.88)
Campbell County									
Evington	30	1750EST			0	0	0		Hail (0.75)
Campbell County									
Evington	30	1759EST			0	0	0		Hail (0.88)
Lynchburg (C)									
Lynchburg	30	1802EST			0	0	0		Hail (0.75)
Campbell County									
Lynchburg Arpt	30	1803EST			0	0	0		Hail (0.88)
Lynchburg (C)									
Lynchburg	30	1805EST 1810EST			0	0	2K		Thunderstorm Wind (G65)
Lynchburg (C)									
3 E Lynchburg	30	1810EST			0	0	0		Thunderstorm Wind (G60)
Amherst County									
Amherst	30	1830EST			0	0	0		Thunderstorm Wind (G60)
Charlotte County									
Keysville	30	1930EST			0	0	0		Hail (0.75)

Thunderstorms during late afternoon and evening hours of the 30th produced damaging winds and hail up to one inch in diameter.

Thunderstorm winds downed trees 3 miles east of Lynchburg, 6 miles southeast of Charity, 4.5 miles east-northeast of Elamsville, and in Amherst. Thunderstorm winds knocked down trees, a sign, and toppled a storage building in Lynchburg.

Up to dime size hail covered the ground in Gretna.

WASHINGTON, Northeast

Spokane County									
Cheney	03	1318PST			0	0			Thunderstorm Wind (G60)
Spokane County									
Marshall	03	1330PST			0	0			Thunderstorm Wind (G60)
A downburst from an early season thunderstorm uprooted and snapped the trunks of over ten trees in the Marshall area. Some of the snapped tree trunks were up to 12 inches in diameter. Near Cheney two old growth pine trees were uprooted and winds damaged a roof.									
Grant County									
Royal City	30	2005PST 2010PST			0	0			Hail (0.75)
A thunderstorm dumped accumulating hail over a small area near Royal City. Hail stones of diameters up to 3/4 inch blanketed parts of a two square mile area with one to two inches of accumulation.									

Storm Data and Unusual Weather Phenomena

April 2003

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

NONE REPORTED.

WASHINGTON, Southeast

Walla Walla County

College Place	16	1958PST			0	0			Hail (0.75)
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In addition, 0.5 inch diameter hail fell three miles north of Walla Walla, and accumulated to 1.5 inches.

Walla Walla County

College Place	16	1958PST			0	0	1K		Lightning
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Lightning associated with a thunderstorm ignited a barn fire.

Klickitat County

12 E Bickleton	29	1724PST 1755PST			0	0			Hail (0.88)
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Benton County

Prosser to North Prosser	29	1820PST 1830PST			0	0			Funnel Cloud
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A funnel cloud associated with a thunderstorm moved slowly northward.

WASHINGTON, Southwest

Cowlitz County

Kalama	13	1800PST 1815PST			0	1			Hail (0.25)
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Small hail, one quarter inch in diameter, accumulated to an inch or more in locations around Kalama. The accumulation of hail on Interstate 5 apparently contributed to traffic accidents, resulting in one injury, and prompted Washington State Police to temporarily close the interstate. The combination of heavy rain and hail accumulation resulted in minor flooding in areas of Kalama.

WEST VIRGINIA, East

WVZ048>049

Grant - Mineral

09		0200EST 1200EST			0	0			Winter Weather/Mix
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Low pressure pushed northeast through the Mid Atlantic region on the 9th and brought a mixed bag of precipitation to the eastern foothills of the Appalachian Mountains. Rain, sleet, and snow fell below 2500 feet. Up to ½ inch of snow and sleet accumulated. Above 2500 feet, freezing rain, sleet, and snow was reported. The ice accumulated up to 3/4 of an inch on trees and power lines. Some trees were downed by the weight. Other areas reported up to 1 ½ inches of snow and sleet accumulation. Slick roads led to a handful of accidents, especially at higher elevations.

WEST VIRGINIA, North

Ohio County

Wheeling	04	2050EST			0	0	1K		Thunderstorm Wind (G55)
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Large trees and power lines blown down.

Marshall County

Sand Hill	04	2100EST			0	0	1K		Thunderstorm Wind (G55)
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Large trees and power lines blown down.

WVZ023-041

Preston - Tucker

07		0200EST			0	0			Ice Storm
08		0700EST							

Snow and sleet began late on the 6th, turning to freezing rain by midnight the morning of the 7th. The resulting ice glaze was one quarter to one half inch thick.

WEST VIRGINIA, Southeast

NOT RECEIVED.

WEST VIRGINIA, West

Nicholas County

Birch River	30	1310EST			0	0			Hail (0.75)
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WISCONSIN, Northeast

WIZ005-010>013-018>021-030>031-037-039 Vilas - Oneida - Forest - Florence - Northern Marinette - Lincoln - Langlade - Menominee - Northern Oconto - Marathon - Shawano - Waupaca - Brown

03		0600CST 2200CST			0	0			Winter Storm
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Storm Data and Unusual Weather Phenomena

April 2003

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

Brisk northeast flow around a high pressure system in southern Canada brought unseasonably cold air into northern Wisconsin. At the same time, low pressure moved east along a nearly stationary frontal boundary that was over northern Illinois. A mixture of freezing rain and sleet developed north of the front resulting in the formation of ice on trees, power lines and roads.

Roads in central and northern Wisconsin became ice-covered and hazardous and numerous traffic accidents were reported. Four fatal accidents occurred on the slippery roads in central and east-central Wisconsin and 78 accidents were reported in Brown county alone.

Downed electrical lines caused power outages to about 21,000 customers in east-central Wisconsin, including about 3,000 in the Two Rivers (Manitowoc co.) area, 3,000 near Kewaunee (Kewaunee co.) and about 15,000 in the Appleton (Outagamie co.) area.

WIZ010>013-018>022-039>040-073>074

Oneida - Forest - Florence - Northern Marinette - Lincoln - Langlade - Menominee - Northern Oconto - Door - Brown - Kewaunee - Southern Marinette - Southern Oconto

04	1400CST								
05	0800CST				0	0			Winter Storm

Low pressure brought strong winds and moderate to heavy snow to northeast Wisconsin as it moved through central Illinois to extreme northeast Pennsylvania. The highest snowfall totals included 10.0 inches at Elcho (Langlade co.) and 5 miles southeast of Ephraim (Door co.), 9.2 inches at Carlsville (Door co.), 9.0 inches 4 miles east of Sister Bay (Door co.) and at Crandon (Forest co.) and 8.0 inches at Midget Lake (Oneida co.).

WIZ045

Waushara

07	0700CST								
	1800CST				0	0			Heavy Snow

A band of heavy snow stretched across central Wisconsin, well north of a low pressure system that moved from the southern plains to the Ohio River Valley. Snow totals included 6.8 inches 4 miles north of Wautoma and 6.0 inches at Hancock.

Vilas County

Eagle River	14	2045CST							
					0	0			Hail (0.88)

Vilas County

Boulder Jct	14	2120CST							
					0	0			Hail (0.75)

Vilas County

Presque Isle	14	2127CST							
					0	0			Hail (0.75)

Vilas County

Conover	14	2135CST							
					0	0			Hail (0.75)

Thunderstorms developed in unstable air ahead of a cold front that moved from north to south across Wisconsin. The storms produced nickel and dime size hail as they moved across Vilas county.

Shawano County

2 SE Tigerton	15	1328CST							
					0	0			Hail (1.00)

Shawano County

Caroline	15	1400CST							
					0	0			Hail (0.75)

Door County

4 E Forestville	15	1405CST							
					0	0			Hail (0.75)

Door County

Forestville	15	1450CST							
					0	0			Hail (0.75)

Kewaunee County

2 N Algoma	15	1455CST							
					0	0			Thunderstorm Wind (G50)

Outagamie County

8 N Shiocton	15	1549CST							
					0	0			Hail (0.75)

Shawano County

Briarton	15	1601CST							
					0	0			Hail (1.50)

Waupaca County

Waupaca	15	1611CST							
		1617CST			0	0			Hail (1.00)

Brown County

Pulaski	15	1612CST							
					0	0			Hail (0.88)

Kewaunee County

Luxemburg to Algoma	15	1615CST							
		1625CST			0	0			Hail (1.00)

Portage County

Plover	15	1621CST							
		1628CST			0	0			Hail (1.50)

Storm Data and Unusual Weather Phenomena

April 2003

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

WISCONSIN, Northeast

Waupaca County									
Iola	15	1632CST			0	0			Hail (0.75)
Portage County									
Amherst	15	1640CST			0	0			Hail (0.75)
Portage County									
Stevens Pt	15	1643CST			0	0			Hail (1.75)
Waupaca County									
Clintonville	15	1650CST			0	0			Hail (1.25)
Outagamie County									
Hortonville	15	1702CST			0	0			Hail (1.25)
Waupaca County									
Iola	15	1722CST			0	0			Hail (1.50)
Marathon County									
Wausau	15	1736CST			0	0			Hail (0.75)
Outagamie County									
5 NE Bear Creek	15	1800CST			0	0			Hail (2.00)
Shawano County									
5 WSW Navarino	15	1800CST			0	0			Hail (2.50)
Kewaunee County									
Luxemburg	15	1827CST			0	0			Hail (1.00)
Brown County									
Flintville to Suamico	15	1855CST 1900CST			0	0			Hail (1.75)
Shawano County									
Pulcifer	15	1925CST			0	0			Hail (0.88)
Door County									
2 SW Brussels	15	1928CST			0	0			Hail (1.00)
Oconto County									
Pensaukee	15	1935CST			0	0			Hail (1.00)
Marathon County									
Wausau	15	2030CST			0	0			Hail (0.88)
Winnebago County									
1 N Oshkosh	15	2033CST			0	0			Hail (0.75)
Outagamie County									
1 W Appleton	15	2327CST			0	0			Hail (0.75)
Waushara County									
3 S Plainfield	16	0009CST			0	0			Hail (0.75)

Severe thunderstorms developed north of a strong cold front during the mid-afternoon and evening of the 15th. Temperatures dropped as much as 30 degrees in one hour in some areas as the front moved south across Wisconsin. There was a report of 3 inch diameter tree branches downed by thunderstorm winds 2 miles north of Algoma (Kewaunee co.), otherwise the storms produced large hail. The hail ranged from dime size at numerous locations to as large as a tennis ball 5 miles west-southwest of Navarino (Shawano co.).

WIZ030>031-074

Marathon - Shawano - Southern Oconto

16	0840CST	0	0	Flood
17	1538CST			

Significant rainfall starting on the 15th lead to a short period of minor flooding on some rivers in central and northeast Wisconsin. Rainfall amounts were in excess of an inch over most of the forecast area, and in excess of 2 inches in some areas. Flooding was reported on the Oconto river 5 miles southwest of Oconto, the Upper Wolf river near Shawano and the Big Eau Pleine river near Stratford.

WIZ005-010>013-018>019-021

Vilas - Oneida - Forest - Florence - Northern Marinette - Lincoln - Langlade - Northern Oconto

16	0900CST	0	0	Ice Storm
17	2100CST			

A cold front that moved through Wisconsin from the north brought a shallow layer of cold air into the north-central part of the state. Significant freezing rain and sleet fell as precipitation formed in warmer air aloft and then fell through a layer of cold air near the ground. Dozens of traffic accidents were reported on icy roads. The weight of accumulated freezing rain downed trees, tree limbs and power lines. A total of about 15,000 customers of one utility company were still without power on the morning of the 18th in the Rhinelander (Oneida co.), Minocqua (Oneida co.), Eagle River (Vilas co.), Tomahawk (Lincoln co.) and Merrill (Lincoln co.) areas.

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>WISCONSIN, Northeast</u>									
WIZ038-073			Outagamie - Southern Marinette						
	21	0450CST			0	0			Flood
	25	1647CST							
	Significant rainfall earlier in the month lead to some minor flooding on the Menominee river near McAllister and the Wolf river near Shiocton.								
<u>WISCONSIN, Northwest</u>									
WIZ001			Douglas						
	04	0700CST			0	0			Heavy Snow
	05	1300CST							
	Lake-enhanced snow fell over the head of Lake Superior. South Range reported 9 inches while South Superior had 6 inches.								
WIZ001>004-006>009			Douglas - Bayfield - Ashland - Iron - Burnett - Washburn - Sawyer - Price						
	16	0400CST			0	0			Ice Storm
	17	1100CST							
	A mixture of sleet and freezing rain fell, causing an icy glaze up to 1/2" thick to accumulate on roads, trees and power lines. The winds were also very strong with the Duluth/Superior Harbor recording sustained winds of 35 to 50 mph. The strong winds pushed ice into the harbor where a ship became icebound for several hours in the Superior Entry. Numerous trees and power lines were downed.								
<u>WISCONSIN, Southeast</u>									
WIZ046>047-051>052			Marquette - Green Lake - Fond Du Lac - Sheboygan						
	04	0000CST			0	0			Ice Storm
		2200CST							
	Periods of freezing rain, initially with some convective showers, resulted in an Ice Storm with ice accumulations of 1/4 to 1/2 inch. sleet and thundersnow were also observed. Toward the end of this event, 1 inch snow accumulations were reported. During the event, northeast winds were gusting to 26 to 30 knots (30 to 35 mph). There were many reports of tree and power line damage, especially in Sheboygan County. Numerous vehicle accidents were noted in newspapers. Two separate rollover accidents resulted in two seriously injured drivers (indirectly-related) in the area northwest of the city of Fond du Lac. Many social events were cancelled, and some schools cancelled classes. Synoptically, low pressure moved east across central Illinois with a warm front ahead of it. Warm, moist, and somewhat unstable air was pulled north up and over a layer of cold air about 3 to 5,000 feet thick over Wisconsin.								
WIZ056>060			Sauk - Columbia - Dodge - Washington - Ozaukee						
	04	1200CST			0	0			Winter Storm
		2200CST							
	A variety of precipitation types resulted in Winter Storm conditions from Sauk County east to Ozaukee County. Periods of freezing rain, freezing drizzle, sleet, snow, rain showers, and thundersnow were reported. Ice and sleet accumulations were less than 1/4 inch. Toward the end of this event, 1 inch snow accumulations were observed. During the event, northeast winds were gusting to 26 to 30 knots (30 to 35 mph). There were scattered reports of some minor tree and power line damage. Numerous vehicle accidents were noted in newspapers. Many social events were cancelled, and some schools cancelled classes. Synoptically, low pressure moved east across central Illinois with a warm front ahead of it. Warm, moist, and somewhat unstable air was pulled north up and over a layer of cold air about 3 to 5,000 feet thick over Wisconsin.								
WIZ063>066-070>072			Dane - Jefferson - Waukesha - Milwaukee - Walworth - Racine - Kenosha						
	04	1500CST			0	0			Winter Weather/Mix
		2200CST							
	A mixture of freezing rain, sleet, and snow resulted in a slight galzing of ice and sleet. Ice accumulations were only about 1/8 inch. Toward the end of this event, 1 inch snow accumulations were reported. During the event, northeast winds were gusting to 26 to 30 knots (30 to 35 mph). There were some reports of minor tree and power line damage. Numerous vehicle accidents were noted in newspapers. One driver was critically injured in a vehicle accident near Oregon (Dane Co.). Many social events were cancelled, and some schools cancelled classes. Synoptically, low pressure moved east across central Illinois with a warm front ahead of it. Warm, moist, and somewhat unstable air was pulled north up and over a layer of cold air about 3 to 5,000 feet thick over Wisconsin.								
WIZ062>072			Iowa - Dane - Jefferson - Waukesha - Milwaukee - Lafayette - Green - Rock - Walworth - Racine - Kenosha						
	07	0600CST			0	0			Winter Weather/Mix
		1600CST							
	A sloppy mix of heavy, wet, snow and some freezing drizzle occurred over southern Wisconsin, resulting in snow accumulations of 2 to 5.5 inches. The freezing drizzle left some crusty layers. The wind were out of the east-northeast, gusting on occasions to 30 to 34 knots (35 to 39 mph). Snow accumulations were greater near the Illinois border: up to 5.5 inches fell in South Wayne (Lafayette Co.) and around 5.0 inches was noted around Bristol (Kenosha Co.). Several social events were cancelled, and some schools cancelled classes. Synoptically, low pressure moved east across central Illinois. Warm air advection between 850 and 700 mb was maximized along the Wisconsin-Illinois border. Dry air in the lower layer of the atmosphere feeding into the low pressure reduced snow amounts to 2 to 4 inches along and north of Interstate 94 between Madison (Dane Co.) and Milwaukee (Milwaukee Co.). Newspapers noted numerous vehicle accidents during the morning commute. Icy roads resulted in one person being killed (indirectly-related) and another critically injured in an accident near Waunakee (Dane Co.) at about 0800CST.								
Dane County									
Verona	30	2000CST			0	0			Heavy Rain
		2359CST							

Storm Data and Unusual Weather Phenomena

April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>WYOMING, Southeast</u>									
Laramie County									
10 W Carpenter	29	1520MST 1525MST			0	0			Hail (1.50)
Laramie County									
6 SE Carpenter	29	1540MST 1545MST			0	0			Hail (2.00)
Laramie County									
13 NE Cheyenne	30	1115MST 1121MST			0	0			Hail (0.75)
Laramie County									
18 WNW Cheyenne	30	1228MST 1231MST			0	0			Hail (0.75)
Laramie County									
5 W Cheyenne	30	1250MST 1255MST			0	0			Hail (0.75)
Laramie County									
10 E Cheyenne	30	1311MST 1316MST			0	0			Hail (0.75)
Laramie County									
Cheyenne	30	1315MST 1319MST			0	0			Hail (0.75)
Platte County									
6 S Wheatland	30	1510MST 1514MST			0	0			Hail (0.75)

Reference Notes:

Storm Data Disclosure

Storm Data is an official publication of the National Oceanic and Atmospheric Administration (NOAA) which documents the occurrence of storms and other significant weather phenomena having sufficient intensity to cause loss of life, injuries, significant property damage, and/or disruption to commerce. In addition, it is a partial record of other significant meteorological events, such as record maximum or minimum temperatures or precipitation that occurs in connection with another event.

Some of the information appearing in Storm Data may have been provided by or gathered from sources outside the National Weather Service (NWS), such as the media, law enforcement and/or other government agencies, private companies, individuals, etc. An effort is made to use the best available information, but because of time and resource constraints, information from these sources may be unverified by the NWS. Therefore, when using information from Storm Data, customers should be cautious as the NWS does not guarantee the accuracy or validity of the information. Further, when it is apparent information appearing in Storm Data originated from a source outside the National Weather Service (frequently credit is provided), Storm Data customers requiring additional information should contact that source directly. In most cases, NWS employees will not have the knowledge to respond to such requests. In cases of legal proceedings, under Department of Commerce regulations and/or rules of the court, NWS employees are not legally obligated to provide written or verbal testimony.

Fatality Codes: For events that include a fatality, there is a code containing the gender, age and fatality location at the end of the event narrative.

1st letter: Gender (M/F) – 2nd numbers: Age – 3rd letters Fatality location (see table below)

Example: M51IW – Male, 51 years of age, fatality occurred In Water.

Fatality Location Abbreviations:

BF	Ball Field	MH	Mobile Home
BO	Boating	OT	Other
BU	Business	OU	Outside/Open Areas
CA	Camping	PH	Permanent Home
EQ	Heavy Equipment/Construction	SC	School
GF	Golfing	TE	Telephone
IW	In Water	UT	Under Tree
LS	Long Span Roof	VE	Vehicle

List of Acronyms:

NWS	- National Weather Service
NOAA	- National Oceanic and Atmospheric Administration
WCM	- Warning Coordination Meteorologist – The meteorologist at each NWS Office responsible for reporting severe weather events
LST	- Local Standard Time Storm Data attempts to always use “Standard Time”
EST	- Eastern Standard Time
EDT	- Eastern Daylight Time

CST - Central Standard Time
CDT - Central Daylight Time
PST - Pacific Standard Time
PDT - Pacific Daylight Time

Other Notes:

An “Episode” is an entire storm system and can contain many different types of events.

An “Event” is an individual type of storm event.

When listing wind speed values under “Character of Storm”, ex. High Wind (G81), the G indicates a “Gust” which is a peak 5-second averaged wind speed in Knots (kts). 1 kt. = 1.152 mph. This number can be either E (estimated) by damage caused, or M (measured) by known calibrated anemometers. Ex. (M61) = measured 61 knots or E(75) = estimated at 75 knots.

All wind speeds listed are estimated by NWS personnel by the amount and type of damage unless otherwise noted with an “M” which represents an actual wind speed as measured by official NWS approved anemometer.

When listing hail size under “Character of Storm”, ex. Hail (2.25), the hail size is given in inches and hundredths of inches.

When listing property and crop damage, the figures indicated are the best guess made by the NWS from the available sources of information at the time of the printing.

The fatalities, injuries, and damage amounts appearing in tropical cyclone events are attributed only to wind damage experienced in the coastal counties/parishes listed. Other tropical cyclone related events such as tornadoes and flooding are listed within their separate event types.

The Saffir-Simpson Scale

Category One Hurricane:

Winds 74-95 mph (64-82 kt or 119-153 kph). Storm surge generally 4-5 ft above normal. No real damage to building structures. Damage primarily to unanchored mobile homes, shrubbery, and trees. Some damage to poorly constructed signs. Also, some coastal road flooding and minor pier damage.

Category Two Hurricane:

Winds 96-110 mph (83-95 kt or 154-177 kph). Storm surge generally 6-8 feet above normal. Some roofing material, door, and window damage of buildings. Considerable damage to shrubbery and trees with some trees blown down. Considerable damage to mobile homes, poorly constructed signs, and piers. Coastal and low-lying escape routes flood 2-4 hours before arrival of the hurricane center. Small craft in unprotected anchorages break moorings.

Category Three Hurricane:

Winds 111-130 mph (96-113 kt or 178-209 kph). Storm surge generally 9-12 ft above normal. Some structural damage to small residences and utility buildings with a minor amount of curtainwall failures. Damage to shrubbery and trees with foliage blown off trees and large trees blown down. Mobile homes and poorly constructed signs are destroyed. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the hurricane center. Flooding near the coast destroys smaller structures with larger structures damaged by battering of floating debris. Terrain continuously lower than 5 ft above mean sea level may be flooded inland 8 miles (13 km) or more. Evacuation of low-lying residences with several blocks of the shoreline may be required.

Category Four Hurricane:

Winds 131-155 mph (114-135 kt or 210-249 kph). Storm surge generally 13-18 ft above normal. More extensive curtainwall failures with some complete roof structure failures on small residences. Shrubs, trees, and all signs are blown down. Complete destruction of mobile homes. Extensive damage to doors and windows. Low-lying escape routes may be cut by rising water 3-5 hours before arrival of the hurricane center. Major damage to lower floors of structures near the shore. Terrain lower than 10 ft above sea level may be flooded requiring massive evacuation of residential areas as far inland as 6 miles (10 km).

Category Five Hurricane:

Winds greater than 155 mph (135 kt or 249 kph). Storm surge generally greater than 18 ft above normal. Complete roof failure on many residences and industrial buildings. Some complete building failures with small utility buildings blown over or away. All shrubs, trees, and signs blown down. Complete destruction of mobile homes. Severe and extensive window and door damage. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the hurricane center. Major damage to lower floors of all structures located less than 15 ft above sea level and within 500 yards of the shoreline. Massive evacuation of residential areas on low ground within 5-10 miles (8-16 km) of the shoreline may be required.

The Fujita Scale

F-Scale	Intensity	Wind Speed (mph)	Typical Damage (Suggested)
F0	Gale Tornado	40 - 72	Tree branches broken, chimneys damaged, shallow-rooted trees pushed over; sign boards damaged or destroyed, outbuildings and sheds destroyed
F1	Moderate	73 - 112	Roof surfaces peeled off, mobile homes pushed off foundations or overturned, moving autos pushed off the roads, garages may be destroyed. Category 1-2 hurricane wind speed
F2	Significant	113 - 157	Roofs blown off frame houses; mobile homes rolled and/or destroyed, train boxcars pushed over; large trees snapped or uprooted; airborne debris can cause damage. Category 3-4 hurricane wind speed
F3	Severe	158 - 206	Roofs and walls torn off well constructed houses; trains overturned; large trees uprooted, can knock down entire forest of trees. Category 5 hurricane wind speed
F4	Devastating	207 - 260	Well-constructed frame houses leveled; structures with weak foundations blown off some distance; automobiles thrown, large airborne objects can cause significant damage.
F5	Incredible	261 - 318	Brick, stone and cinderblock buildings destroyed, most debris is carried away by tornadic winds, large and heavy objects can be hurled in excess of 100 meters, trees debarked, asphalt peeled off of roads, steel reinforced concrete structures badly damaged.
F6	Inconceivable	319 - 379	These winds are very unlikely. The small area of damage they might produce would probably not be recognizable along with the damage produced by F4 and F5 wind speeds that would surround the F6 winds.



Typical F0 Tornado Damage

Note the trees are stripped of leaves, but the trees remain standing. Only light roof damage and a few missing shingles.



Typical F1 Tornado Damage

Note the uprooted trees and missing shingles from the roof. There is significant roof damage.



Typical F2 Tornado Damage

This home is missing its entire roof but the exterior walls remain intact. Some of the stronger hardwood trees remain standing.



Typical F3 Tornado Damage

This home is missing the entire roof as well as some of the exterior walls. Trees are blown over or snapped near the base and outbuildings are destroyed.



Typical F4 Tornado Damage

This home is almost completely obliterated, with no walls standing. The debris from the home is where the house once stood.



Typical F5 Tornado Damage

These homes have been completely removed from their original locations. The debris field has been scattered some distance from their foundation.



Typical F5 Tornado Damage

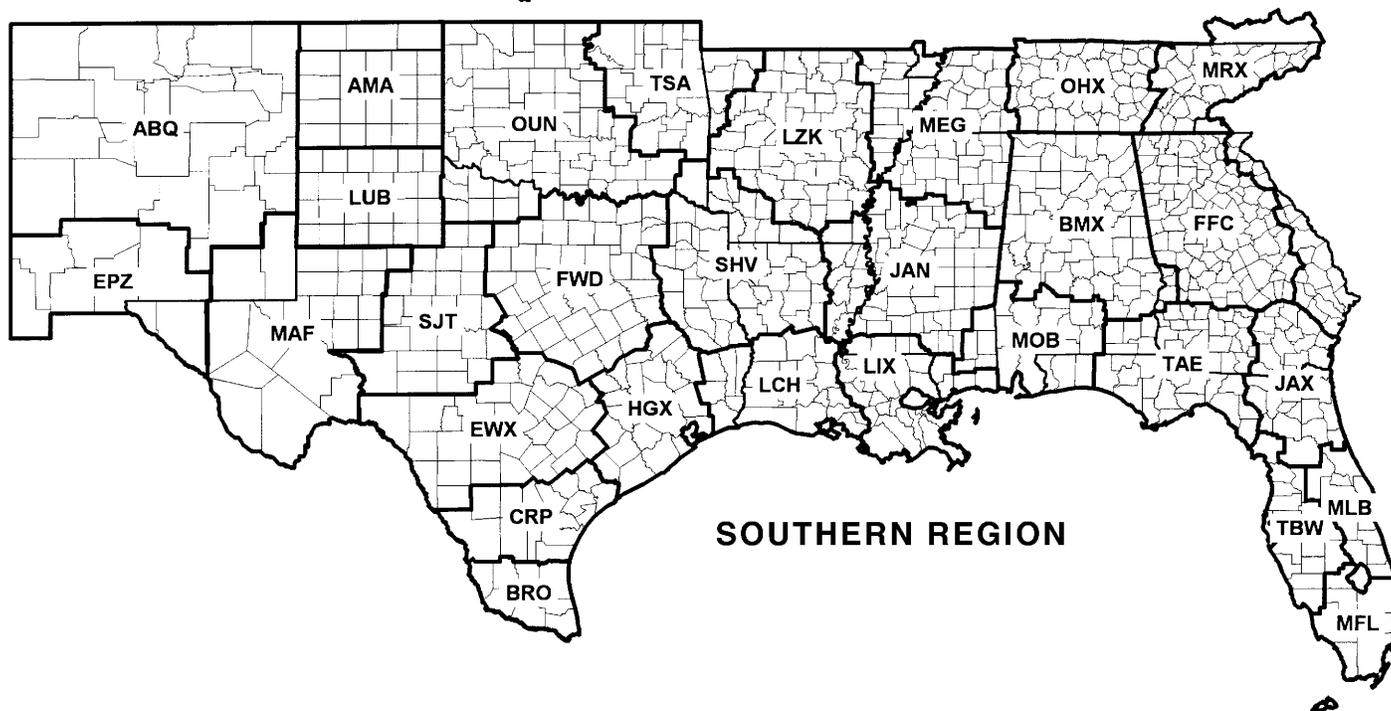
The asphalt surface has been peeled off of this road.

(All photographs courtesy of Brian Smith, Meteorologist, National Weather Service, Valley NE.)

COUNTY WARNING & FORECAST AREAS - MODERNIZED NWS

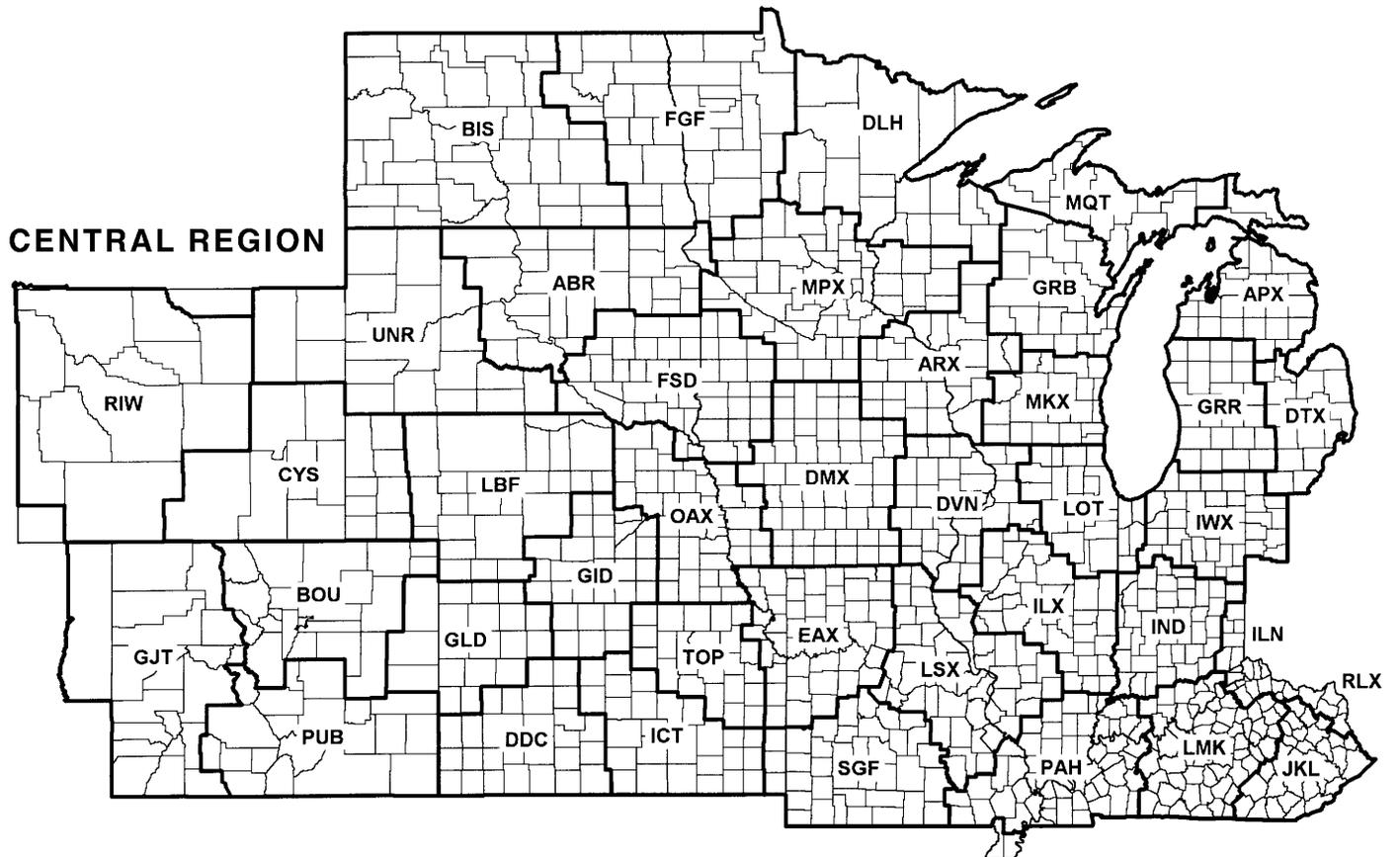
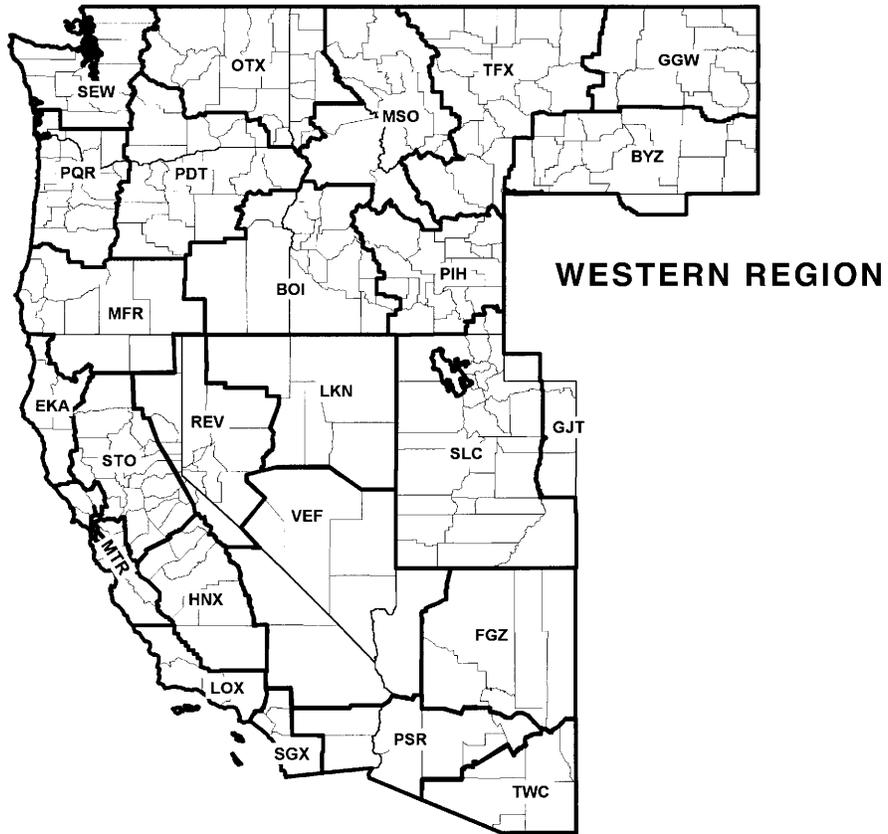


EASTERN REGION

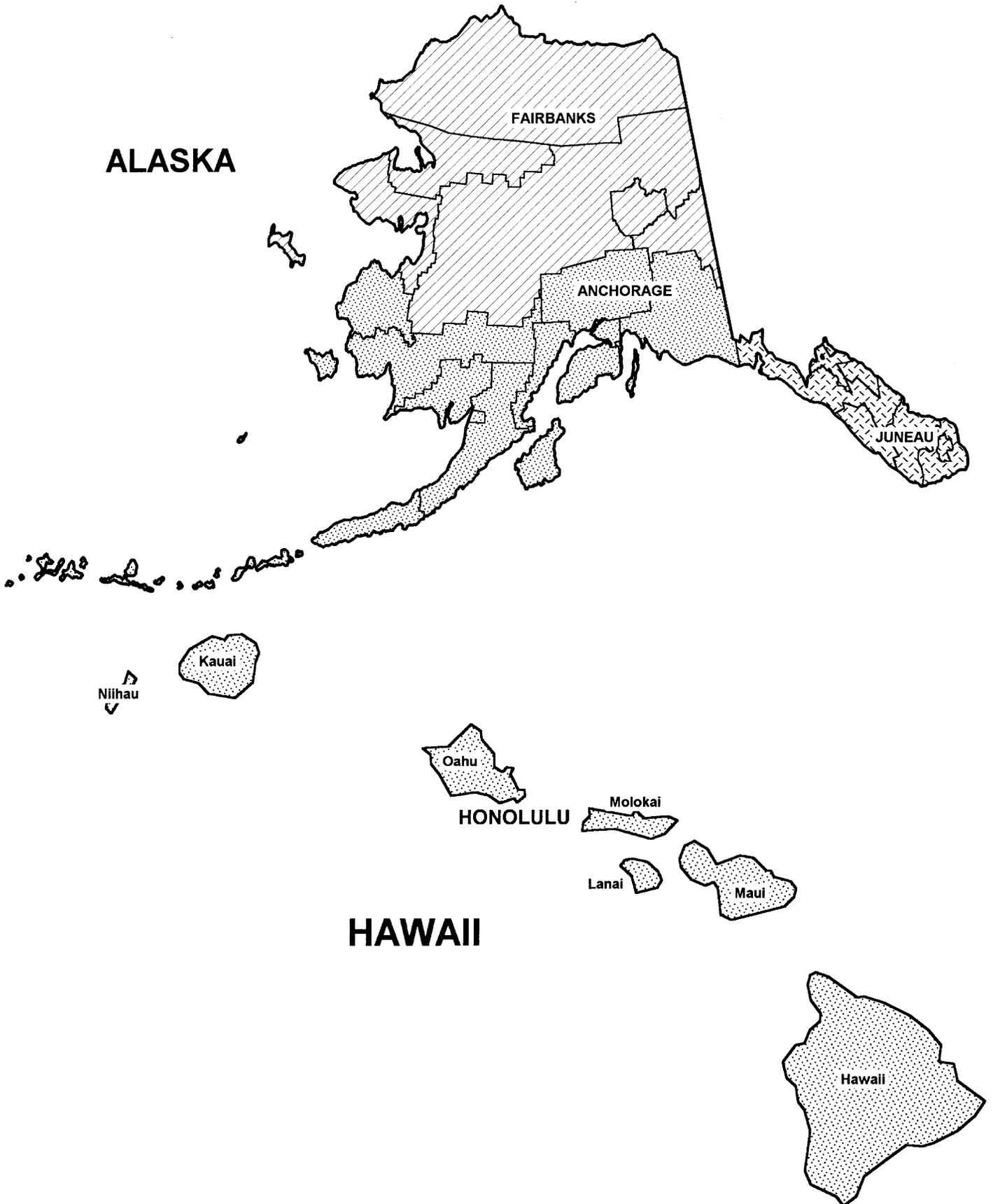


SOUTHERN REGION

COUNTY WARNING & FORECAST AREAS - MODERNIZED NWS



MODERNIZED COUNTY WARNING AREAS



These and other publications are available from the National Climatic Data Center

Hourly Precipitation Data

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. **HPD** includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

Climatological Data

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

Storm Data

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

Monthly Climatic Data for the World

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

Local Climatological Data

LCD publications summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains the 3 hourly weather observations for that month and an hourly summary of precipitation. Annual **LCD** publications contain a summary of the past calendar year as well as historical averages and extremes.

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