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NUMBER 3**

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: Hay bales next to I-40 burn and smolder. More than a million acres of land were burned by several fires! Severe drought conditions and high winds which downed power lines were the leading cause of the fires. (*Photo courtesy: Texas Forest Service.*)

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STORM DATA

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National Climatic Data Center

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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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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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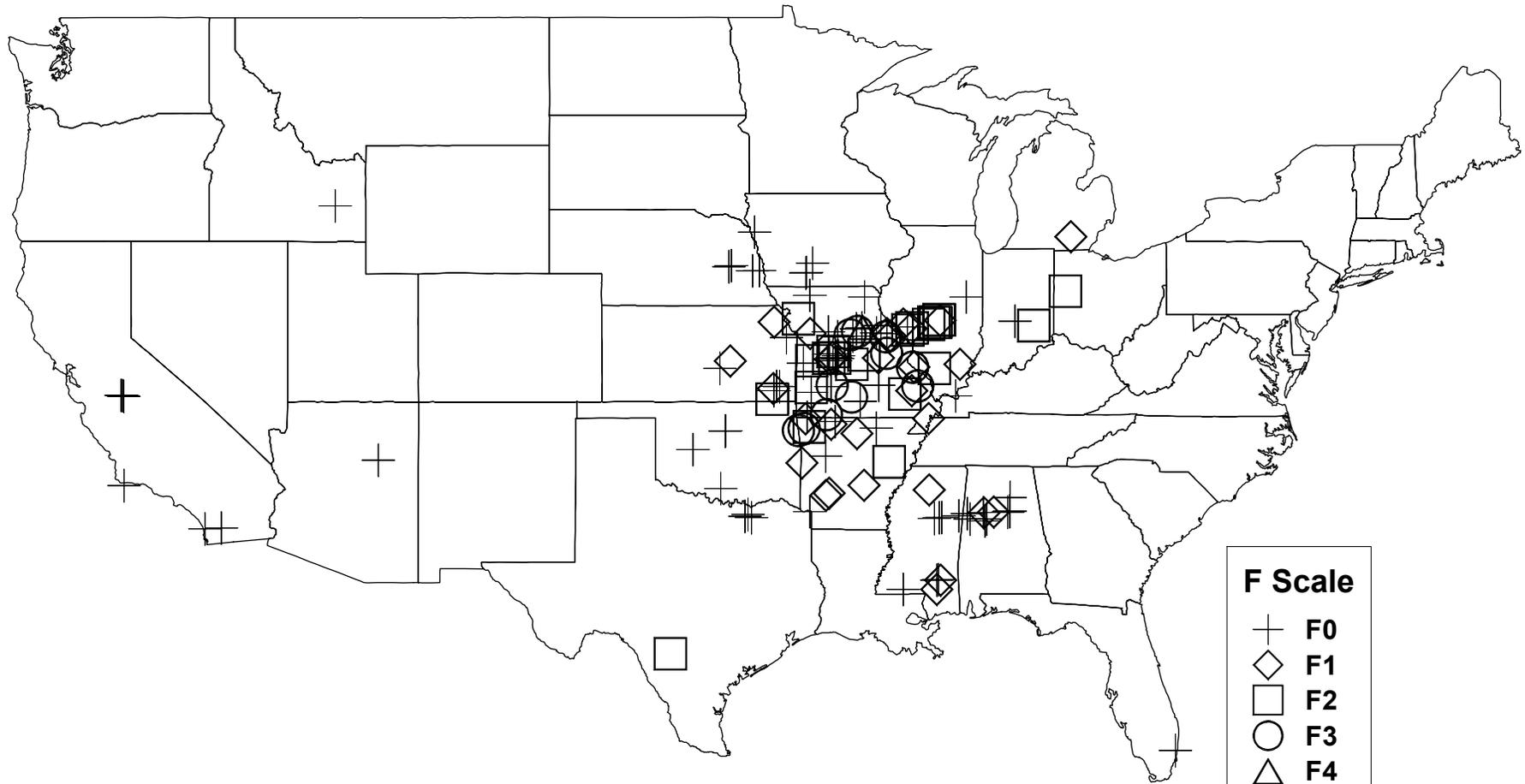
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Thomas R. Karl
Director,
National Climatic Data Center

March 2006 Confirmed Tornadoes



3

F Scale	F0	F1	F2	F3	F4	F5	Total
Number	79	29	23	11	1	0	143
Two F0 tornadoes in Hawaii							

F Scale

- + F0
- ◇ F1
- F2
- F3
- △ F4
- ⊠ F5

OUTSTANDING STORMS OF THE MONTH

A. Record Wildfires in the Southern High Plains

Severe drought conditions, persisting since September 2005, led to a prolonged fire season which continued well into March 2006. Above normal temperatures for the winter and early spring season contributed to relative humidities remaining below normal. A surface low pressure system over the central Plains states deepened in response to a jet streak approaching from the southern Rockies. The surface pressure gradient tightened across the southern High Plains resulting in strong west to southwest downsloping winds of 25 to 35 mph with gusts up to 50 mph or higher. To exacerbate the wind situation, a cold front moved through the southern High Plains late on March 12 into early March 13. This caused a wind shift to the north and northwest with continued strong winds.

The explosive potential for wildfires was forecasted well in advance with Fire Weather Watches being issued the day before. Also, the favorable conditions for large fire growth were highlighted in the Hazardous Weather Outlook product days in advance. In addition, a Wind Advisory was issued for the area for the strong winds expected.

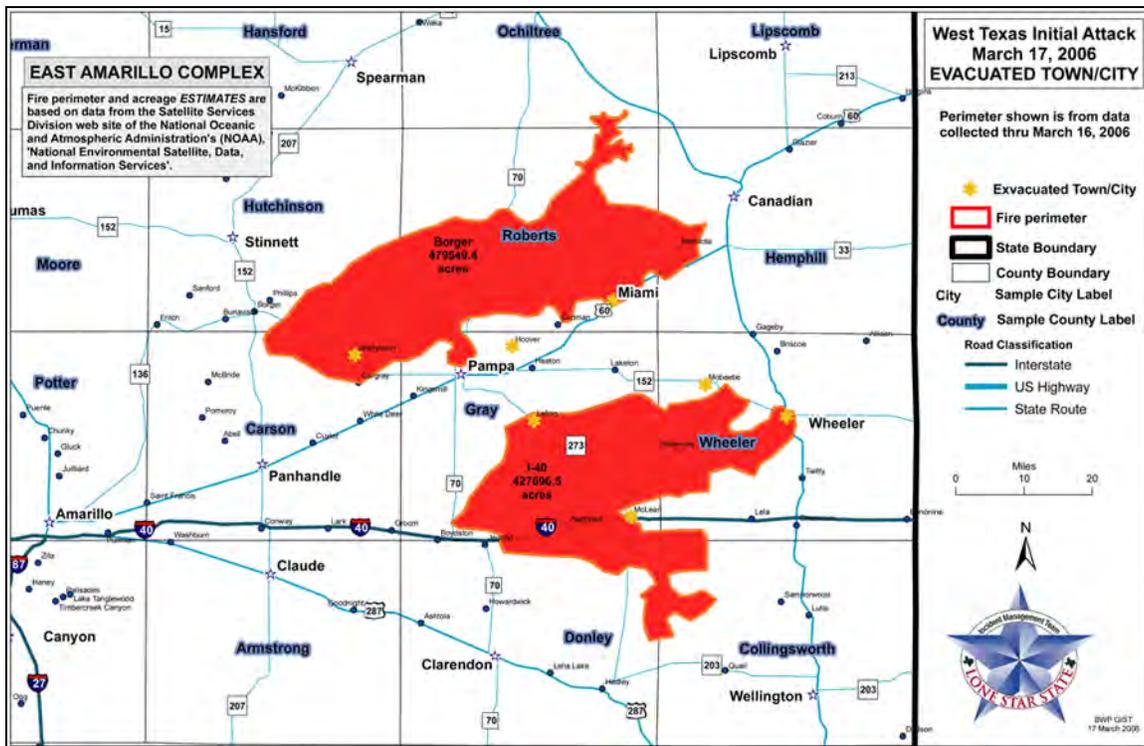
The first wildfire occurred in the Texas panhandle in extreme northeast Oldham County on Friday March 10. The wildfire broke out around 2:20 PM CST about four miles north of Boys Ranch along U.S. Highway 385 when a car caught fire. Southwesterly winds of around 25 mph spread the wildfire across Moore and Hartley Counties with the wildfire edging within seven miles of Dumas and burned 13,000 acres. Flame lengths were reported to be 11 feet. Residents southwest of Dumas were under a voluntary evacuation. However, the largest outbreak of wildfires occurred on March 12.

On March 12, more than a dozen large wildfires burned over one million acres across the southern High Plains that lasted for nearly a week. The wildfires accounted for eleven civilian deaths in the Texas panhandle and at least nine injuries to firefighters and one civilian injury. One of those injured firefighters later died. The wildfires burned over 1,700 square miles and eight towns were evacuated. Over 40 structures were destroyed including 32 homes. Cattle ranchers lost approximately four to six thousand head of cattle. The smoke from the Groom wildfire and blowing dust caused havoc along Interstate 40 between Groom and McLean. A nine-car accident near Groom resulted in four deaths and six injuries. The Interstate was shut down for several hours causing major traffic delays and detours. More than 1,040 electrical poles were destroyed leaving at least 80 homes without power.

The largest wildfire in the Texas panhandle started between 11:00 AM and 12:00 PM and began as two separate fires four miles southeast of Borger and nine miles south of Borger on the Burnett (6666) Ranch. High winds downed power lines which sparked the wildfires. These two fires merged into the large wildfire known as the Borger fire. This fire burned into southeast Hutchinson County, northwest Gray County, through central Roberts County and finally into western Hemphill County. The Borger fire consumed roughly 479,549 acres.

Multiple small fires combined to create the other large wildfire, known as the I-40 wildfire, which began around 11:00 AM CST in Gray County. The I-40 wildfire was also caused by downed power lines due the high winds. The origins of the small fires were just east of Groom, near Jericho, and just west of Lefors.

The I-40 wildfire burned approximately 427,696 acres. Together, the Borger and I-40 wildfires were named the East Amarillo Complex and consumed 907,245 acres. The wildfires also destroyed about 700 miles of fencing which may cost as much as \$5,000. The Texas Forest Service said the wildfires moved 45 miles in just 9 hours with a spread rate of 5 miles per hour and flame lengths of 11 feet.



Above: (Map courtesy: Texas Forest Service.)

Other large wildfires occurred in the Texas panhandle on March 12. These include:

- A 2,000-acre fire 14 miles south-southwest of Canyon at 8:20 AM CST. Two outbuildings were lost.
- A 1,800-acre fire 4 miles southeast of Lelia Lake at 3:00 PM CST. Eight outbuildings were destroyed.
- A 1,600-acre fire 6 miles southeast of Canyon at 8:30 AM CST.
- A 1,000-acre fire 7 miles southwest of Canyon at 11:55 AM CST.
- A 800-acre fire 9 miles west-northwest of Channing at 12:00 PM CST.
- A 500-acre fire 6 miles west-southwest of Cactus at 11:45 AM CST.
- A 450-acre fire 7 miles southeast of Amarillo at 12:40 PM CST.

Significant public impacts of the March 12 winds and fires are described below by the three other National Weather Service Forecast Offices in the affected region.

West Texas South Plains and Extreme Southern Panhandle: (WFO Lubbock)

High winds were accompanied by blowing dust and smoke over the South Plains region of west Texas on March 12th, as large wind-driven wildfires burned tens of thousands of acres and destroyed property. By midday, strong westerly winds occasionally gusted up to 62 mph. The winds downed power lines over parts of the region and caused minor roof damage to several homes in Lubbock.



At least half a dozen wildfires were sparked during the wind event. Four of these fires rapidly grew into significant wind-driven wildfires. A fire that ignited west of Abernathy (Hale County) destroyed a rural residence shortly after noon. A second wildfire grew to over 8,000 acres in southern Cochran County. Two homes were destroyed in the fire fifteen miles south of Morton.

Above: Fire burns through a fence. (Photo courtesy: Texas Forest Service.)

Major wildfires charred tens of thousands of acres over the extreme southeastern Texas Panhandle and the northern rolling plains. A massive fire burned a six mile wide swath over fifteen miles long through grasslands in southern Childress County. No significant damage was reported.

Weather conditions that favored explosive fire behavior persisted through the much of the nighttime hours. A cold front that swept south across the area maintained strong northwesterly winds into the early morning hours on March 13th as very dry air remained in place. Shortly after midnight, another major wildfire developed near U.S. Highway 62/83 just north of Paducah in Cottle County. The Cottle and Childress County fires combined to burn more than 40,000 acres of open rangeland before they were extinguished by rain on March 17. Fire crews were successful in saving several rural structures, and no injuries were reported.

Southeastern New Mexico and the West Texas Permian Basin: (WFO Midland)

The Midland/Odessa WFO had one major fire reported in its forecast area on March 12, 2006. A co-op observer in Tatum, NM reported a large fire approximately 20 miles WNW of Lovington, NM just after noon. This fire was first visible on satellite data at approximately 12:00 PM CST. The same co-op observer reported at 2:00 PM that the fire head was six miles south of Tatum and that New Mexico State Road 206 had been closed between McDonald, NM and Tatum by the New Mexico State Police. The WFO first became aware of the magnitude of the fire at 6:37 PM CST when the co-op observer reported that the fire was estimated to be 70,000 acres and had burned several structures, including the U.S. Post Office in

McDonald. News reports in the following days indicated that the 92,390 acre burn had been caused by an emergency flare at a natural gas plant. Two hundred people were evacuated from McDonald and Prairie View, NM before the fire burned the Post Office, two primary residences, four abandoned homes, three barns, and several pieces of fire equipment. Two dozen fire departments fought to put out the fire and one man suffered burns and was taken to the burn center in Lubbock, TX.

Oklahoma and Western North Texas: (WFO Norman)

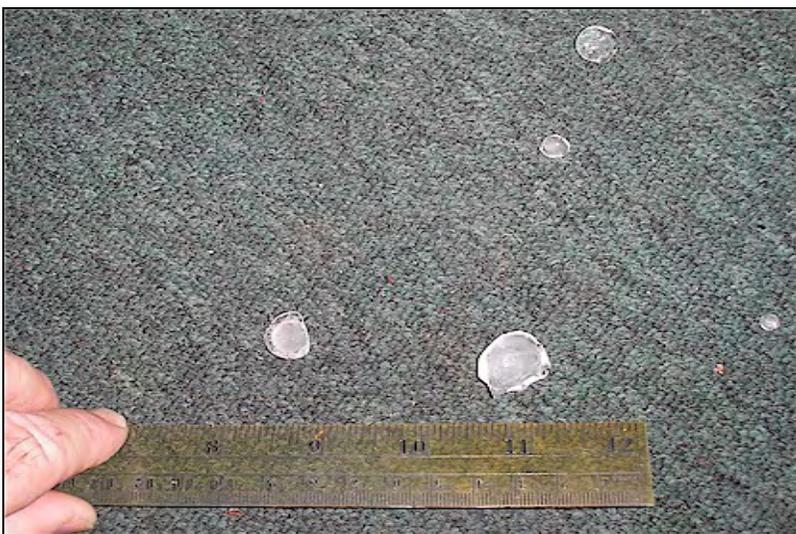
Severe to extreme drought conditions and strong winds combined to increase the fire potential across approximately the western half of Oklahoma on March 12, 2006. Many wildfires burned across the area. One fire occurred in the Cedar Lake area in Canadian county, near El Reno. Aircraft were used to fight this fire that scorched approximately 3,500 acres of pasture and grasslands. This fire also destroyed one home, several outbuildings, and some farm equipment. Several wildfires burned in southwest Oklahoma. One of these fires began south of Altus threatening several businesses and actually moving onto a small portion of Altus Air Force Base. As a precaution 300 base residents were evacuated from dormitories for a short time. Several of the fires in southwest Oklahoma were suspected to have been started by a passing train causing sparks on the rails. In Lincoln County, the town of Carney was forced to evacuate when a fire in the area began to threaten the town. Overall, several thousand acres were burned in western and central Oklahoma on March 12, 2006.

Besides the fires, the winds brought the smoke from large fires in the Texas panhandle causing a smoky haze across much of the area. Many 911 and emergency personnel, especially in the Oklahoma City metro area, received phone calls from residents wondering if the smoke was from a nearby fire that could threaten their homes.

March 2006 Outstanding Storm of the Month submission contributing authors:

Ken Schneider and JJ Brost – WFO Amarillo
Todd Lindley – WFO Lubbock
Rebecca Gould – WFO Midland
Erin Maxwell – WFO Norman

B. Hail in Hawaii



Quarter-sized (1.00 diameter) hail fell from a passing thunderstorm on the Big Island of Hawaii on March 24, 2006. No serious injuries or property damage were reported. Pictured is some hail ranging from small pea-size to three-quarter inch size that fell and accumulated. Pictures were taken between Hilo and The Volcanoes National Park, 1.5 miles south of the highway at 1200 feet elevation. *(Photo courtesy: Wilfred Laplante, NWS Hilo)*

Storm Data and Unusual Weather Phenomena

March 2006

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									
ALZ012									
Lamar	09	1415CST			0	0	2K		Strong Wind
									Non-thunderstorm winds estimated around 40 mph knocked down several trees on River Road (County Road 35).
Lamar County Countywide	09	1538CST 1555CST			0	0	80K		Thunderstorm Wind (G75)
									Virtually all of Lamar County was affected by severe thunderstorm winds. One barn suffered moderate damage along County Road 28 southwest of Vernon. Hundreds of trees were either blown down, snapped off, or uprooted across Lamar County. Many power lines were also knocked down. The roofs of an elementary school and a bowling alley were partially torn off in Vernon. A few additional roofs were also partially removed from a few structures in Sulligent along Highway US 278 and State Highway 17. Several other homes and businesses suffered varying degrees of roof damage. Small hail collected several inches deep and covered the ground in spots. Wind gusts were estimated between 70 and 85 mph across the county.
Marion County Countywide	09	1540CST 1550CST			0	0	60K		Thunderstorm Wind (G63)
									Hundreds of trees were either blown down, snapped off or were uprooted. Several power lines were also blown down. One mobile home was damaged in Guin, and the roof of a furniture store was partially removed in Winfield. Small hail collected several inches deep in places. Wind gusts were estimated between 65 and 75 miles an hour.
Fayette County Countywide	09	1555CST 1610CST			0	0	50K		Thunderstorm Wind (G63)
									The most significant damage occurred in the northern part of the county, from the Fayette and Bazemore areas northward. Numerous trees were blown down, snapped off and uprooted, and dozens of homes suffered varying degrees of roof damage. A few out-buildings and barns sustained damage, and the debris from one barn was blown 100 yards downwind. Small hail collected several inches deep in places. Wind gusts were estimated between 65 and 75 mph.
Walker County Eldridge	09	1610CST 1630CST			0	1	50K		Thunderstorm Wind (G55)
									Several trees and power lines were blown down from near Eldridge northward to the Winston County line. At least one home and one vehicle in Eldridge suffered damage due to trees falling on them. One person was injured north of Eldridge when a tree fell onto a vehicle. Wind gusts were estimated between 60 and 70 mph.
Winston County Countywide	09	1610CST 1645CST			0	1	60K		Thunderstorm Wind (G55)
									The most significant damage was from the Lynn, Double Springs, and Bankhead National Forest areas northward. Numerous trees were blown down in and around Lynn, Double Springs, and Haleyville. In Lynn, one person was injured at a mobile home manufacturing plant, and one mobile home was damaged. In Double Springs, several stores and the County Courthouse suffered roof damage. In Haleyville, the post office lost part of its roof and several signs were destroyed. Wind gusts were estimated at 58 to 70 mph.
Tuscaloosa County Samantha	09	1636CST			0	0	10K		Thunderstorm Wind (G55)
									Numerous trees and power lines were downed across the northern end of Tuscaloosa County.
Greene County Eutaw	09	1704CST			0	0	5K		Thunderstorm Wind (G50)
									A few trees and power lines were downed near Eutaw.
ALZ032									
Hale	09	1708CST			0	0	1K		Strong Wind
									A few trees were downed by non-thunderstorm wind gusts estimated at 45 mph.
Hale County Greensboro	09	1721CST			0	0	5K		Thunderstorm Wind (G50)
									A few trees and power lines were blown down near Greensboro, and in other scattered locations across the county.
Tuscaloosa County Coaling	09	1728CST			0	0	10K		Thunderstorm Wind (G50)
									The roof of a house sustained damage from a downed tree limb.
Jefferson County Bessemer	09	1745CST			0	1	20K		Thunderstorm Wind (G50)
									Several trees were blown down and one home was damaged in Bessemer. One injury resulted from a tree that fell onto a house on Dicky Springs Road.

Storm Data and Unusual Weather Phenomena

March 2006

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

**ALZ020>021-
026>027-029**

Cherokee - Cleburne - St. Clair - Talladega - Randolph

09	1800CST 2000CST				0	0	10K		Strong Wind
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Sporadic tree damage was reported across East Central Alabama due to non-thunderstorm wind gusts.

**Lamar County
4.3 SW Sulligent**

13	1604CST	0.1	25		0	0	6K		Tornado (F0)
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An F0 briefly touched down approximately 4 miles east of the Alabama/Mississippi state line. This location was about 1.5 miles south of Sulligent Lake or 4.3 miles southwest of Sulligent. The tornado tracked east-northeast where it partially damaged two barn roofs. This supercell thunderstorm had a funnel cloud or wall cloud associated with it during its entire lifecycle across northern Lamar County. No additional evidence of another tornado touchdown or damage was found or reported.

**Fayette County
14.9 N Fayette to
15.3 N Fayette**

13	1645CST 1647CST	1.1	50		0	0	27K		Tornado (F0)
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An F0 tornado touched down in rural northern Fayette County approximately 1.8 miles south of Winfield. The tornado began near the intersection of County Road 21 and County Road 49, traveled northeastward, and ended near US Highway 43 and Benton Road. One mobile home was destroyed and several trees were either blown down or snapped off along the path.

**Marion County
Winfield**

13	1648CST				0	0	5K		Thunderstorm Wind (G50)
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A few trees and power lines were blown down along US 43 in Winfield.

**Fayette County
16 NNW Bankston to
16.3 N Bankston**

13	1655CST 1657CST	1.6	50		0	0	8K		Tornado (F1)
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An F1 tornado touched down about 2 miles east of Glen Allen in far northern Fayette County, and tracked northeastward, uprooting numerous trees along its path. The tornado crossed County Road 65 and County Road 53 before lifting near Eldridge Road.

**Pickens County
7 NE Ethelsville**

13	1702CST				0	0	5K		Thunderstorm Wind (G50)
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A few trees were blown down just south of SR 96 and Fields Road.

**Lamar County
1.6 SW Kennedy to
1 E Kennedy**

13	1715CST 1718CST	2.6	75		0	0	20K		Tornado (F0)
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An F0 tornado touched down near the intersection of State Highway 17 and State Highway 96, approximately 1.5 miles southwest of Kennedy. The tornado moved northeastward and crossed County Road 49 before it lifted just east of Howell Road and State Highway 96. Several trees were blown down along the damage path and a few mobile homes suffered generally minor damage.

**Walker County
9.7 NE Jasper to
10.8 NE Jasper**

13	1739CST 1741CST	1.3	25		0	0	34K		Tornado (F1)
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An F1 tornado touched down approximately 1.5 miles east of the Curry Community along Burrows Crossing Road. The tornado completely destroyed a barn and sheet metal was strewn downstream over 300 yards. One additional barn was heavily damaged. A few trees were blown down along the tornado path. The tornado dissipated near the intersection of Blooming Grove Road and Drummond Road. The thunderstorm had a funnel cloud during its entire course across Walker County and numerous photos of this feature were captured.

**Tuscaloosa County
9.3 NW Samantha to
8.4 NW Samantha**

13	1743CST 1746CST	2.2	30		0	0	2K		Tornado (F0)
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**Fayette County
6.5 SE Newtonville to
7.7 SE Newtonville**

13	1746CST 1748CST	1.2	30		0	0	1K		Tornado (F0)
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Storm Spotters tracked a tornado on the ground from near County Road 35 in far northern Tuscaloosa County to near New Hope Road in far southeastern Fayette County. The tornado only broke a few limbs off of trees as it moved through the rural countryside. The total damage path was 3.4 miles long.

**Tuscaloosa County
9.9 N Samantha**

13	1754CST	0.1	20		0	0			Tornado (F0)
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An F0 tornado briefly touched down in rural northern Tuscaloosa County just east of US Highway 43. The tornado produced little to no damage. A storm spotter captured images of the tornado.

**Blount County
6.8 NW Hayden**

13	1815CST	0.1	25		0	0	11K		Tornado (F0)
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An F0 tornado briefly touched down near exit 289 on Interstate 65 in far northern Blount County, damaging one mobile home. The tornado was witnessed by many motorists as it crossed the highway.

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Blount County									
Nector	13	1835CST			0	0			Hail (0.75)
			Penny sized hail.						
Blount County									
Cleveland	13	1845CST			0	0	1K		Thunderstorm Wind (G50)
			A few trees blown down.						
Blount County									
Oneonta	13	1853CST			0	0	1K		Thunderstorm Wind (G50)
			A few trees blown down.						
Etowah County									
Rainbow City	13	1929CST			0	0	20K		Thunderstorm Wind (G50)
			Winds damaged a few boats and boat houses on the Coosa River at Hortons Bend.						
St. Clair County									
Moody	13	2009CST			0	0			Hail (0.75)
			Penny sized hail.						
Tuscaloosa County									
Coaling	13	2011CST			0	0			Hail (0.75)
			Penny sized hail.						
Elmore County									
9 NE Wetumpka	20	1755CST			0	0			Funnel Cloud
			A funnel cloud was reported between Equality and Seman.						
Autauga County									
5 SW Prattville	20	1800CST			0	0			Funnel Cloud
Elmore County									
Wetumpka	20	1800CST			0	0			Hail (0.75)
Elmore County									
Wetumpka	20	1800CST			0	0	5K		Thunderstorm Wind (G50)
			Several trees and power lines were blown down.						
Jefferson County									
Ensley	20	1845CST 2100CST			0	0			Flash Flood
			Heavy rain caused Village Creek to go briefly into flood.						
Lee County									
7 NW Auburn	20	1905CST			0	0	5K		Thunderstorm Wind (G50)
			Power lines were blown down in the northwestern part of Lee County.						
Montgomery County									
Montgomery	20	1910CST			0	0	50K		Thunderstorm Wind (G52)
			Trees and tree limbs were downed across many areas of the city, with winds estimated at 60 mph.						
Chambers County									
5 S Lafayette	20	1910CST			0	0			Hail (0.75)
Lee County									
Opelika	20	1930CST			0	0	5K		Thunderstorm Wind (G50)
			Trees were downed in several locations around the city.						
Bullock County									
Countywide	20	1940CST 2000CST			0	0	50K		Thunderstorm Wind (G75)
			The main damage was in a broad area between CR 37 and Union Springs, in a swath estimated to be more than 6 miles across at its widest point, and more than 11 miles long. The hardest hit communities included High Log and Cornerstone. Roughly 1000 trees or more were snapped off above the ground in this area, with about 100 trees uprooted. Structural damage was limited to an unsecured outbuilding that was destroyed one mile southeast of Fitzpatrick, and a tree that fell on a mobile home in Cornerstone. Additional damage occurred east of Union Springs, near the intersection of CR 40 and CR 109, as well as along SR 51 between Sehoy Lake and the Macon County line.						
Lee County									
Opelika	20	1942CST			0	0			Hail (1.00)
			Quarter sized hail was reported in the northern part of the city.						
Macon County									
Tuskegee	20	1945CST			0	0	10K		Thunderstorm Wind (G50)
			High winds blew out the sign of a fast food restaurant in the city, and at least one building sustained roof damage southeast of the city.						

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ALABAMA, Central</u>									
Russell County Countywide	20	2000CST 2030CST			0	0	20K		Thunderstorm Wind (G50)
									Numerous trees were downed across the county, especially around the Hurtsboro and Seale areas.
Lee County Smiths	20	2010CST			0	0			Hail (1.00)
Russell County 3 WSW Seale	20	2015CST			0	0			Funnel Cloud
<u>ALABAMA, North</u>									
Franklin County Red Bay to Belgreen	09	1517CST 1530CST			0	0			Thunderstorm Wind (G70)
									Several trees were blown down.
Colbert County Mt Hester to Cherokee	09	1520CST			0	0			Thunderstorm Wind (G70)
									Several trees were blown down.
Lauderdale County Wright	09	1525CST			0	0			Thunderstorm Wind (G60)
									Several trees were blown down west of Natchez Trace Parkway.
Lauderdale County Center Hill	09	1540CST			0	0	5K		Thunderstorm Wind (G80)
									A roof was blown off of a house.
Franklin County Hodges	09	1550CST			0	0	5K		Thunderstorm Wind (G80)
									A roof was blown off of a house along Highway 187..
Franklin County Newburg	09	1557CST			0	0			Thunderstorm Wind (G70)
									Several trees were blown down.
Lauderdale County Petersville	09	1600CST			0	0			Funnel Cloud
Lauderdale County Oakland	09	1601CST			0	0			Thunderstorm Wind (G70)
									Several trees were blown down.
Lawrence County Wren	09	1614CST			0	0			Thunderstorm Wind (G60)
Lawrence County Hatton	09	1645CST			0	0			Thunderstorm Wind (G70)
									Several trees were blown down.
Cullman County 2 W Jones Chapel	09	1650CST			0	0			Hail (0.75)
Morgan County Eva	09	1650CST			0	0	5K		Thunderstorm Wind (G80)
									A roof was blown off of a house along Lawrence Cove Road. Also, power lines were blown down in the city of Eva.
Cullman County 2 W Jones Chapel	09	1700CST			0	0	0.50K		Thunderstorm Wind (G70)
									A roof was damaged to a chicken house.
Limestone County Athens	09	1700CST 1710CST			0	0			Thunderstorm Wind (G70)
									Several trees were blown down.
Morgan County Decatur to 5 SE Decatur	09	1710CST 1725CST			0	0	0.50K		Thunderstorm Wind (G70)
									Several trees were blown down along Highway 36 between Highway 67 and I-65. A billboard sign was blown onto a mobile home on Sixth Avenue.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, North									
Morgan County 2 W Somerville	09	1710CST			0	0			Hail (1.75)
									Reported along Highway 36.
Madison County Huntsville	09	1725CST			0	0			Thunderstorm Wind (G60)
									A traffic signal was blown down at Highway 20 and Governors West. A billboard was blown down in South Huntsville.
Marshall County Arab	09	1734CST			0	0	0.50K		Thunderstorm Wind (G70)
									Several windows were blown out of a house.
Limestone County Athens	09	1800CST			0	0	10K		Lightning
									Lightning struck a new house causing damage to an attic.
Jackson County 5 SW Scottsboro	09	1820CST			0	0			Thunderstorm Wind (G60)
									A tree was blown down onto a house. A potent early spring low-pressure system moved through the lower Missouri and mid-Mississippi valley, dragging a strong cold front through the Tennessee valley. This front produced a squall line of severe thunderstorms producing widespread damaging winds to the region.
Cullman County 2 NE Arkadelphia	13	1756CST	0.1	20	0	0			Tornado (F0)
									The initial touch down was along county road 501 about 13 miles south-southwest of Cullman, just east of I-65, about 2 miles east-southeast of the I-65 291 exit. The tornado initially knocked down a few trees in this area and had a path length of 75 yards and a 50 yard path width. Winds were at 70 mph, making it a F-0 tornado. The tornado lifted and then touched down briefly again along county road 504, about 11 miles south of Cullman. The F-0 tornado with winds topping out at 60 mph had a path length at 20 yards and a 20 yard width. The tornado again quickly lifted and touched down again about 4 miles northeast of the previous touch down, along the north end of county road 506, about 9 miles southeast of Cullman. The path length of this F-0 tornado with maximum wind speeds of 60 mph was again around 20 yards and path width at 20 yards.
Cullman County Arkadelphia	13	1815CST			0	0			Thunderstorm Wind (G60)
									Several trees were blown down.
Madison County Berkley	13	1820CST			0	0			Thunderstorm Wind (G60)
									A tree was blown onto power lines.
Marshall County 6 NNE Union Grove	13	1835CST			0	0	5K		Thunderstorm Wind (G70)
									A tall maple tree was blown onto a car.
Cullman County 8 SSW Hanceville	13	1845CST	0.1	50	0	0			Tornado (F0)
									The initial touchdown was along County Road 501, about 13 miles south-southwest of Cullman, just east of Interstate 65. The tornado knocked down a few trees with maximum wind speeds at 70 mph.
Cullman County 7 SSW Hanceville	13	1847CST	0.1	20	0	0			Tornado (F0)
									A tornado once again descended briefly along County Road 504 about 11 miles south-southwest of Cullman, knocking down additional trees.
Cullman County 4 SSW Hanceville to 5 SSW Hanceville	13	1850CST	0.1	20	0	0			Tornado (F0)
									Another brief touchdown knocking down additional trees occurred along the north end of County Road 506, about 9 miles south-southeast of Cullman. A strong cold front tracked east from the Great Lakes south through the lower Mississippi Valley into a moist and unstable airmass that presented strong vertical wind shear. Several broken bands of thunderstorms developed, some of which were supercells producing long tracks of severe weather.
Lauderdale County 1 N Florence	31	1700CST 1703CST			0	0			Hail (1.00)
									Quarter size hail was reported on chism road just north of Florence.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

AKZ213>214

St Lawrence Is. Bering Strait - Yukon Delta

04	0155AST				0	0			Blizzard
	1836AST								

A strong low pressure center of 974 mb tracked northeast over the Bering Sea, stalling near Saint Matthew Island on the 4th.

Blizzard conditions:

Zone 213: likely over Saint Lawrence Island, as reported by the AWOS at Gambell.

Zone 214: likely, as reported by the AWOS at Cape Romanzof.

AKZ210

Nrn & Intr. Seward Peninsula

08	0853AST				0	0			Blizzard
	1753AST								

A strong high pressure center over Siberia combined with strong low pressure in the Gulf of Alaska created a locally tight pressure gradient over the Northern Seward Peninsula, resulting in moderate westerly winds and likely blizzard conditions, as reported by the AWOS at Buckland and the ASOS at Deering.

AKZ201

Western Arctic Coast

11	0053AST				0	0			Extreme Cold/Wind Chill
	0553AST								

AKZ213

St Lawrence Is. Bering Strait

11	0336AST				0	0			High Wind (G53)
	0416AST								

AKZ213

St Lawrence Is. Bering Strait

11	1256AST				0	0			Blizzard
	1336AST								

A large storm moved slowly northeast over the southern Bering Sea on the 11th, creating likely blizzard conditions on Saint Lawrence Island, as reported by the Gambell AWOS and Savoonga AWOS. Gambell AWOS reported wind gusts to 53 knots (61 mph). Also, cold air persisting along the North Slope created extreme wind chills over the western Arctic as the circulation around the low pressure center spread north over the Chukchi Sea...Wainwright ASOS reported wind chill to -64 F, and Atkasuk AWOS reported wind chill to -67 F.

AKZ212

Ern Norton Sound Nulato Hills

17	0456AST				0	0			High Wind (G56)
	1336AST								

Strong high pressure over interior Alaska with a large and deep low pressure center covering the Bering Sea created a local channel of high winds as reported by the AWOS at Golovin. Maximum gust was 56 knots (64 mph).

AKZ211-213

Srn Seward Peninsula Coast - St Lawrence Is. Bering Strait

30	0816AST				0	0			Blizzard
	1716AST								

A low pressure center moved north over the eastern Bering Sea to Saint Lawrence Island and weakened.

Blizzard conditions:

Zone 211: reported by the NWS office in Nome.

Zone 213: were likely, as reported by the Gambell AWOS and the Savoonga AWOS.

ALASKA, Southeast

AKZ018

Taiya Inlet And Klondike Highway

10	0915AST				0	0			Blizzard
	1615AST								

A low sliding southeast along the panhandle to the Queen Charlotte Islands combined with building high pressure over the Alaskan interior and the Yukon Territory increased the winds through the White Pass region above 2000 feet. The gusty north winds of 25 to 35 mph combined with scattered snow showers and loose snow from snow of the previous days reduced visibilities to near 0 miles times.

AKZ026

Inner Channels From Kupreanof Island To Etolin Island

12	1700AST				0	0			Heavy Snow
	0100AST								

A band of heavier showers stalled under a weak surface through across the central southeast Alaska panhandle with a weak short wave aloft over the city of Petersburg. The COOP station reported 6" of snow overnight from the event.

AKZ028>029

Southern Inner Channels - Misty Fjords

13	1115AST				0	0	6K		Heavy Snow
	2000AST								

A weak trough of low pressure over the Dixon Entrance region combined with an upper level trough moving southeast around the

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, Southeast

upper level low over the eastern Yukon Territory, began a period of overrunning snow over the southeastern portion of the panhandle. Heavier snowfall amounts fell between 5 and 12 hours. The COOP observer in Hyder reported a storm total of 17.3" for the event. Other reports of heavy snow included 7" at a spotter at 17 mile North Ketchikan.

AKZ025

Juneau Borough And Northern Admiralty Island

13	1520AST								
		0	0	6K	High Wind (G59)				
14	1700AST								

A tightening pressure gradient between high pressure over northwest Canada and low pressure over the Queen Charlotte Islands lead to strong northeast flow in the vicinity of Juneau. The strong flow resulted in a minor 'Taku' mountain wave event to establish over downtown Juneau and Douglas. Wind gusts to 59 kt (68 mph) were recorded twice at the South Douglas Island wind profiler site and Mayflower Island also recorded a gust to 52 kt (60 mph).

AKZ028

Southern Inner Channels

16	0900AST 1000AST								
		0	0	2K	Heavy Snow				

A weak surface low near Prince Rupert, British Columbia moved to just east of Hyder through the day. Snow began as colder air began to wrap around the low displacing slightly warmer and moister air, and as the low changed position it ended. The WSO at Annette reported 7" of snow from this event. Several spotters around Ketchikan received 4 to 5 inches.

AKZ017-019>023

Cape Fairweather To Cape Suckling Coastal Area - Haines Borough And Lynn Canal - Glacier Bay - Eastern Chichagof Island - Salisbury Sound To Cape Fairweather Coastal Area - Cape Decision To Salisbury Sound Coastal Area

19	0100AST 1830AST								
		0	0	7.8K	Heavy Snow				

A strong developing low from the north central Pacific Ocean deepened to the mid 980 MBs as it moved to Prince William Sound area through the 19th of March. As the associated weather front approached cold continental air from the interior was pulled to off shore over the panhandle. A wave developing on the front during the 19th helped stall the front offshore the panhandle region, leaving the heaviest precipitation amounts to fall over the coastal and northern panhandle regions, before warm air from the south made its way into the northern inner channels. Yakutat WSO reported a total snowfall of 22.5" from the event. Other notable snow amounts were 15.6" from the COOP site at Little Port Walter (southern tip of Baranof Island), 10 to 11" in Hoonah, 9" in Pelican, Haines reported 7", and a spotter in Gustavus reported 6.5".

ALASKA, Southern

AKZ155

Kuskokwim Delta

01	0700AST 2200AST								
		0	0	Blizzard					

A strong front ahead of a Bearing Sea Low came ashore over Kuskokwim delta coast bringing with it wind, snow and reduced visibilities.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, Southern

AKZ131-135-171	Nern P.W. Snd - Sern P.W. Snd - Kodiak Peninsula				0	0	2K		High Wind (G114)
		09 0349AST							
		10 2030AST							



A nearly stationary low persisted in the Gulf of Alaska from Wednesday through Friday. This storm coupled with strong cold air advection off of the Alaska mainland produced strong northerly wind that was channeled through the mountainous terrain of the south central region of Alaska to Kodiak Island and the North Gulf Coast. The wind peaked at 131 mph in Kodiak causing several shipping containers and numerous crab pots to be blown around.

AKZ181-185-195	Alaska Peninsula - Eastern Aleutians - Pribilof Islands				0	0			High Wind (G79)
		10 0630AST							
		1600AST							

AKZ155	Kuskokwim Delta				0	0			Blizzard
		11 0100AST							
		1800AST							

A strong and fast moving storm moved across the Alaska Peninsula into the eastern Bering Sea Saturday. This storm produced strong wind across the eastern Aleutians and the Alaska Peninsula in advance of its front Friday. This front pushed north and east producing strong wind across the Pribilof Islands Friday afternoon then produced Blizzard conditions along the coast of the Kuskokwim Delta late Friday night until Saturday evening.

AKZ131-135	Nern P.W. Snd - Sern P.W. Snd				0	0	5K		High Wind (G100)
		14 0200AST							
		15 1000AST							

Low pressure over the Gulf of Alaska combined with strong high pressure over the Canadian Yukon and deep cold air over the eastern interior of Alaska resulted in extreme wind channeled through the mountains along the gulf coast of Alaska. The northerly wind peaked at 115 mph in Valdez Tuesday morning.

AKZ191	Western Aleutians				0	0			High Wind (G71)
		16 1200AST							
		1800AST							

An intense storm moved into the central Bering Sea Thursday March 16th. This storm produced strong westerly wind across the western Aleutians. The wind peaked at 82 mph in Adak around noon Thursday.

AKZ125	Wrn P.W. Snd & Kenai Mtns				0	0			Blizzard
		18 1000AST							
		1900AST							

A storm moved into the northern Gulf of Alaska Saturday morning. Moderate to heavy snow fell in advance and along the front associated with this storm as it moved into the south central coastal area of Alaska. Blizzard conditions began around 10 A.M. in Portage Valley and persisted into the evening.

Storm Data and Unusual Weather Phenomena

March 2006

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

NOT RECEIVED.

ARIZONA, Central and Northeast

AZZ012>014-037 Little Colorado River Valley In Coconino County - Little Colorado River Valley In Navajo County - Little Colorado River Valley In Apache County - Yavapai County Valleys And Basins
10 1115MST 0 0 High Wind (G40)
12 1800MST

The leading edge of a very strong winter storm brought high winds to the Little Colorado River Valley during the day. Strong wind blew a metal roof off of a shed in Cornville. Petrified Forest National Park reported sustained wind between 35 and 40 MPH with gusts to 60 MPH.

AZZ004>018-037>040 Kaibab Plateau - Marble Canyon And Glen Canyon - Grand Canyon Country - Coconino Plateau - Yavapai County Mountains - Northeast Plateaus And Mesas From Highway 264 North - Chinle Valley - Chuska Mountains And Defiance Plateau - Little Colorado River Valley In Coconino County - Little Colorado River Valley In Navajo County - Little Colorado River Valley In Apache County - Western Mogollon Rim - Eastern Mogollon Rim - White Mountains - Northern Gila County - Yavapai County Valleys And Basins - Oak Creek And Sycamore Canyons - Black Mesa Area - Northeast Plateaus And Mesas South Of Highway 264
10 1200MST 3 0 Winter Storm
12 1800MST

A major winter storm affected all of Northern Arizona from Friday (03/10) though most of the day on Sunday (3/12). Heavy snowfall and rare low elevation snowfall occurred over almost all of Northern Arizona. Snow levels dropped to as low as 2000 feet south of the Mogollon Rim. Strong winds accompanied this storm...leading to significant blowing and drifting snow. This made for difficult driving conditions on snow packed and icy roads with some areas having very poor visibility. Some storm totals from across northern Arizona (in inches) include: Alpine 24, Ash Fork 7, Bagdad 5, Black Canyon City and Camp Verde T, Chinle 3, Clarkdale 0.5, Concho 23, Cordes Junction 6, Christopher Creek 37, Crown King 16, Flagstaff 30, Forest Lakes 40-48, Fredonia 6, Ganado 6-8, Grand Canyon - N. Rim 29-40, Grand Canyon - S. Rim 17, Greer 44, Hart Prairie 51, Heber 30, Holbrook 8-10, Jacob Lake 27, Jerome 6, Kayenta 14, Mayer 8, Mormon Lake 20, Munds Park 13, Navajo National Monument 9, Page 2, Payson 31, Peoples Valley 8, Petrified Forest National Park 13, Phantom Ranch T, Pine 20, Pinetop/Lakeside 48, Prescott 7-12, Rye 8, Saint Johns 15-18, Sanders 5, Sedona 2, Seligman 8, Show Low 30, Snowbowl - 9500 Feet 36, Snowbowl - 10800 Feet 57, Star Valley 30, Strawberry 18-20, Sunset Crater 17, Tuba City 2-4, White River and Window Rock 18, Williams 30, Winona 15, Winslow 2, and Yarnell 6 inches. Two Embry Riddle University students and their friend died when their car hit a truck on a snow covered road in Prescott Valley. M20VE, F19VE, M19VE

Coconino County
Leupp 19 1526MST 0.1 10 0 0 Tornado (F0)
12 1530MST

An off duty NWS employee reported a tornado 10 miles south of Leupp.

AZZ005 Marble Canyon And Glen Canyon
21 1800MST 0 0 Heavy Snow
22 0500MST

The Page police department reported three inches of snow on roads in the Page area at 3 AM. Elevations below 5000 feet do not usually see this amount of snow.

AZZ014-017 Little Colorado River Valley In Apache County - White Mountains
29 1100MST 0 0 High Wind (G54)
12 1900MST

High wind blew trees into power line in the Show Low area. The Show Low airport reported sustained south winds of near 45 MPH with gusts to 62 MPH. The National Forest Service in Springerville reported downed trees at 440 PM and 542 PM.

ARIZONA, Northwest

NONE REPORTED.

ARIZONA, South

AZZ019-033 Northern Greenlee - Tucson Metro/Marana/Green Valley
11 0300MST 0 0 Heavy Snow
12 0600MST

A strong and cold Pacific storm system moved down the west coast and into Southern Arizona, bringing the first significant winter storm to the Desert Southwest. As the system moved through Southeast Arizona it brought significant snowfall to the mountains as well as some much needed precipitation to the valley's. Reports of a quarter inch to over an inch of rainfall were reported throughout Southeast Arizona, with the Tucson International Airport reporting 0.22 inch for storm total rainfall. Most other locations reported more than a quarter inch of rainfall with several stations reporting over an inch. Many locations reported snowfall, with only two stations reporting heavy snow criteria amounts. Hannagan Meadow Lodge (9100 feet) in Greenlee county reported a storm total snowfall amount of 24 inches while Mt. Lemmon Ski Lodge (8200 feet) in Eastern Pima County reported 18 inches of storm total snowfall. Several lower elevations also reported some snowfall with the Town of Vail (3500 feet) receiving 3

Storm Data and Unusual Weather Phenomena

March 2006

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

inches, the City of Oracle (4500 feet) receiving 3 inches and Kitt Peak Observatory (7000 feet) reporting 8 inches. Snow levels from the Tucson area and south dropped quite low, with the lowest accumulation appearing to be near 3500 feet.

ARIZONA, Southwest

AZZ024

Southern Gila/Tonto Nf Foothills

11 0900MST 2100MST 0 0 5K Heavy Snow

Power to a number of communities was knocked out as heavy snow broke tree limbs and took out power lines. At one point, 20,000 APS customers were without power, mainly affecting Globe, Miami, and Superior. Numerous trees and branches were down at the Boyce Thompson Arboretum near Superior. Unusually heavy snow was reported from observers in areas to the north and east of the Phoenix metro area, with 10 inches on the ground at Punkin Center. Heavy rainfall also occurred at Queen Creek, where one gauge recorded 3.39 inches up to 9 pm Saturday. This event also ended the 143-day record long streak of days without any measurable rain in Phoenix.

ARKANSAS, Central and North Central

Sharp County

Cherokee Vlg 08 1140CST 0 0 Hail (1.75)

Sharp County

Hardy 08 1145CST 0 0 Hail (1.00)

Johnson County

Coal Hill 08 1300CST 0 0 Hail (0.88)

Johnson County

Hartman 08 1305CST 0 0 Hail (1.00)

Baxter County

2 N Norfolk 08 1417CST 0 0 Hail (0.75)

Fulton County

Salem 08 1437CST 0 0 Hail (0.75)

Johnson County

Coal Hill 09 0310CST 0 0 Thunderstorm Wind (G50)

Thunderstorm winds blew down several road signs.

Pulaski County

8 NE Macon 09 0440CST 0 0 200K Thunderstorm Wind (G60)

A line of severe thunderstorms caused widespread damage in the northern part of Pulaski County. Numerous homes, outbuildings and storage sheds sustained damage. Several vehicles and farm equipment were also damaged. A number of trees and power lines were also knocked down in the area.

Hot Spring County

Malvern 09 0445CST 0 0 Thunderstorm Wind (G50)

Several trees were blown down.

Lonoke County

Cabot 09 0455CST 0 0 Thunderstorm Wind (G50)

A house sustained minor roof damage.

White County

3 E Bald Knob to 11 E Bald Knob 09 0530CST 0 0 Thunderstorm Wind (G50)

Straight line winds downed numerous trees to the east of Bald Knob. One of the trees fell onto a house, causing minor damage.

Jackson County

Shoffner to Amagon 09 0535CST 0 0 Thunderstorm Wind (G60)

Jackson County

Weldon 09 0535CST 0 0 Thunderstorm Wind (G50)

Damaging straight line winds, produced by a complex of severe thunderstorms, overturned 2 planes at Weldon. Numerous trees were also downed and several barns were damaged from Shoffner to Amagon.

Clark County

1 W Curtis 09 0535CST 0 0 Thunderstorm Wind (G50)

Clark County

Arkadelphia 09 0540CST 0 0 Thunderstorm Wind (G50)

Thunderstorm winds downed a number of trees and power lines. A large scoreboard, located on the campus of Ouachita Baptist University, also sustained damage.

Storm Data and Unusual Weather Phenomena

March 2006

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

Lonoke County

4.2 SSE Scott to
3.8 SE Scott

09	0540CST 0541CST	1	25	0	0				Tornado (F1)
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A weak tornado was spawned in southwestern Lonoke County about 4 miles southeast of Scott. The tornado overturned a recreational vehicle and damaged roofs on several homes. A few fences were blown down, and some trees were uprooted.

Jackson County

Amagon

09	0545CST			0	0				Thunderstorm Wind (G50)
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Jackson County

3 ENE Amagon

09	0545CST			0	0				Thunderstorm Wind (G50)
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Thunderstorm winds blew down a number of trees, power lines and power poles.

Woodruff County

2 E Augusta

09	0550CST			0	0				Thunderstorm Wind (G50)
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Several trees were knocked down.

Woodruff County

4.2 SW Morton to
3.5 NE Morton

09	0650CST 0658CST	7.7	100	0	4				Tornado (F2)
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In the picture: A large metal shop was destroyed by a strong (F2) tornado along Highway 64 near Morton (Woodruff County) on 03/09/2006.

A strong tornado was spawned in Woodruff County about 4 miles southwest of Morton. The tornado tracked quickly through Morton before exiting into Cross County. The tornado damaged 18 homes in Woodruff County. A large metal building housing a welding shop was destroyed. A church lost a large part of its roof, with several windows blown out. A hunting lodge also suffered considerable roof damage. Several large grain bins were damaged, and a number of outbuildings were destroyed. Numerous power lines and power poles were blown down, with dozens of trees snapped or uprooted.

Pike County

2.5 NNW Nathan to
5.8 NE Nathan

09	0805CST 0810CST	4.1	40	0	0				Tornado (F1)
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A weak tornado moved out of Howard County into western Pike County. The tornado entered Pike County 2 to 3 miles northwest of Nathan. The tornado tracked mostly through timberland, and uprooted or snapped dozens of trees.

Storm Data and Unusual Weather Phenomena

March 2006

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

Pike County 1 SSW Kirby to 1 SSE Glenwood	09	0818CST 0828CST	8	50	0	0			Tornado (F1)
The storm that produced a weak tornado to the northwest of Nathan in western Pike County spawned yet another weak tornado near Kirby. This new tornado damaged a barn at the Kirby School, as well as a backstop at the ball field. Before the tornado arrived, teachers at the school instructed students to go into the hallway and crouch down. No injuries occurred at the school. The tornado then tracked quickly toward Glenwood. Along the way, the tornado damaged barns, ripped roof shingles from homes, knocked down power lines and power poles and downed trees.									
Yell County Danville	09	0829CST			0	0			Hail (1.75)
Garland County Crystal Spgs	09	0847CST			0	0			Hail (0.75)
Clark County Alpine	09	0850CST			0	0			Hail (0.75)
Saline County Haskell	09	0945CST			0	0			Thunderstorm Wind (G65)
Saline County Salem	09	0955CST			0	0			Thunderstorm Wind (G50) Trees down.
Faulkner County Conway	09	0950CST			0	0			Hail (0.75)
Faulkner County Conway	09	0950CST			0	0			Thunderstorm Wind (G50) Several trees were blown down.
Faulkner County Pickles Gap to Enola	09	0955CST 1010CST			0	0			Thunderstorm Wind (G60) Thunderstorm winds downed a number of trees, damaged several barns and tore shingles off the roofs of several homes.
Pulaski County 5 W Little Rock	09	0958CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds downed a number of trees and caused some structural damage to several buildings.
White County Rose Bud	09	1007CST			0	0			Hail (0.75)
White County 1 SW Romance	09	1015CST			0	0			Thunderstorm Wind (G50) A store sustained some damage.
White County 7 NE Searcy	09	1030CST			0	0			Thunderstorm Wind (G50) Several large trees were blown down. Several structures, including a barn and some outbuildings, sustained structural damage.
White County Searcy	09	1045CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds blew the roof off a business in Searcy.
Pulaski County Little Rock Afb	09	1009CST			0	0			Thunderstorm Wind (G62)
Pulaski County Jacksonville	09	1011CST			0	0			Thunderstorm Wind (G50) The roof of a mobile home collapsed.
Lonoke County Cabot	09	1015CST			0	0			Thunderstorm Wind (G50) Trees down.
Independence County Oil Trough	09	1055CST			0	0			Thunderstorm Wind (G68)
Lonoke County 5 S Lonoke	09	1101CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds damaged several houses, downed numerous trees and also moved a large combine.
Jackson County Newport	09	1112CST			0	0			Thunderstorm Wind (G50)

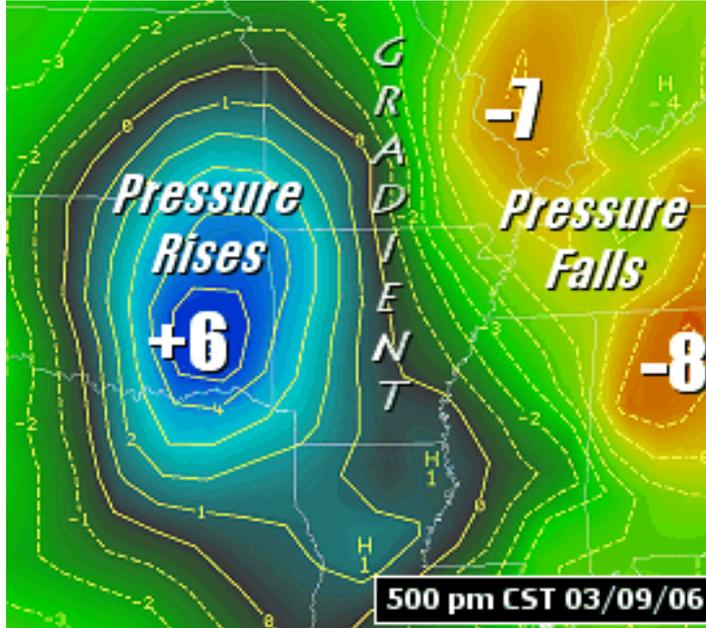
Storm Data and Unusual Weather Phenomena

March 2006

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

ARKANSAS, Central and North Central

Johnson County							
Clarksville	09	1442CST			0	0	Hail (1.00)
Boone County							
4 NNW Bergman	09	1450CST			0	0	Thunderstorm Wind (G50)



In the picture: Six hour pressure falls of 8 plus millibars were noted to the east of Arkansas at 5 pm CST on 03/09/2006...with pressure rises of 6 plus millibars to the west. In between, a tight isobaric (lines of equal pressure change) gradient enhanced thunderstorm winds across northern Arkansas...with widespread wind damage reported. Thunderstorm winds destroyed a barn.

Marion County							
Yellville	09	1530CST			0	0	Thunderstorm Wind (G50)
							Trees down.
Marion County							
Flippin	09	1535CST			0	0	Thunderstorm Wind (G58)
Newton County							
Western Grove	09	1538CST			0	0	Thunderstorm Wind (G50)
							Thunderstorm winds overturned an 18-wheeler and blew the roof off a mobile home.
Baxter County							
Gassville	09	1600CST			0	0	Thunderstorm Wind (G50)
							Thunderstorm winds downed trees at Gassville, with one tree on a house.
Stone County							
Mountain View	09	1605CST			0	0	Thunderstorm Wind (G50)
							Thunderstorm winds downed trees and power lines.
Baxter County							
1 E Jordan	09	1612CST			0	0	Thunderstorm Wind (G50)
							Thunderstorm winds blew down some trees.
Izard County							
2 W Dolph	09	1613CST			0	0	Thunderstorm Wind (G50)
							Trees were downed.
Fulton County							
Salem	09	1615CST			0	0	Thunderstorm Wind (G50)
							Thunderstorm winds blew down trees and power lines at Salem, with the roof of a building caving in.
Izard County							
Brockwell	09	1615CST			0	0	Thunderstorm Wind (G50)
							Thunderstorm winds partially removed a roof from a home at Brockwell.

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Izard County									
Melbourne	09	1615CST			0	0			Thunderstorm Wind (G50)
									Trees and power lines were blown down, with a roof removed from a trailer.
Izard County									
Calico Rock	09	1615CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed trees and power lines.
Izard County									
4 SW Melbourne	09	1615CST			0	0			Thunderstorm Wind (G50)
									Large tree limbs were downed and shingles were removed from several roofs about 4 miles southwest of Melbourne.
Fulton County									
Glencoe	09	1620CST			0	0			Thunderstorm Wind (G50)
									A barn was destroyed at Glencoe.
Izard County									
2 S Franklin	09	1620CST			0	0			Hail (0.88)
Izard County									
Oxford	09	1621CST			0	0			Thunderstorm Wind (G50)
									Trees were blown down and roof shingles were removed at Oxford. Some siding was torn off at least one home as well.
Izard County									
3 S Oxford	09	1621CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds pushed over a few trees.
Sharp County									
Ash Flat	09	1625CST			0	0			Hail (0.75)
Independence County									
3 S Batesville	09	1658CST			0	0			Hail (0.75)
Jackson County									
4 N Tuckerman	09	1728CST			0	0			Hail (0.75)
Polk County									
10 NW Mena	11	2154CST			0	0			Hail (1.75)
									Golfball size hail was reported at Queen Wilhelmina State Park.
Scott County									
4 W Y City	11	2155CST			0	0			Hail (0.88)
Boone County									
Omaha	11	2210CST			0	0			Hail (1.00)
Boone County									
1 SE Ridgeway	11	2223CST			0	0			Hail (0.75)
Boone County									
3 N Lead Hill	11	2227CST			0	0			Hail (0.75)
Boone County									
3 N Lead Hill	11	2248CST			0	0			Hail (1.75)
Johnson County									
Clarksville	11	2255CST			0	0			Hail (1.00)
Newton County									
Mt Judea	11	2300CST			0	0			Hail (0.75)
Searcy County									
1.2 SE Evening Star to	11	2350CST	0.8	25	0	0			Tornado (F1)
1.2 ESE Evening Star		2351CST							
									A weak tornado was spawned in northern Searcy County around Evening Star. The tornado overturned a travel trailer and a lawn tractor. Tin was also removed from the roofs of two barns. A few trees were downed as well. The tornado had trouble reaching the ground, with damage confined mostly to hilltops.
Baxter County									
Norfolk	12	0015CST			0	0			Hail (1.00)
Fulton County									
2 W Mitchell	12	0040CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

March 2006

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

Fulton County

1.8 SW Byron to
.3 SW Byron

12	0041CST 0043CST	1.5	25	0	0				Tornado (F0)
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A weak tornado was spawned in southwestern Fulton County near Byron. Only tree damage was noted, with several trees snapped or uprooted.

Scott County

4 N Waldron

13	0201CST			0	0				Hail (0.75)
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Newton County

Hasty

13	0240CST			0	0				Hail (0.75)
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ARZ041

Montgomery

14 0400CST
20 1500CST

0	0								Wildfire
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Drought conditions increased the wildfire danger in March. It is believed that a lightning strike triggered a wildfire near the Black Springs community of Montgomery County. The fire burned at least 8600 acres before it was contained. The fire was in an extremely remote area, with no property lost.

ARZ014

Stone

16 0400CST
17 0900CST

0	0								Wildfire
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Drought conditions increased the wildfire danger in March. A wildfire was started in western Stone County, and burned at least 500 to 600 acres before it was contained. The fire affected 8 structures just northwest of Timbo, but none of the structures were lost.

Arkansas County

Countywide

18 0000CST
20 2359CST

0	0								Heavy Rain
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In the picture: An overrunning pattern as of 6 pm CST on 03/19/2006. Warm and moist air along the Gulf Coast moved up and over cooler conditions in Arkansas. This resulted in lots of clouds and widespread heavy rain.

High pressure in Canada brought a shallow layer of cool air and below normal temperatures near the ground on March 18th. Meanwhile, a storm system to the west drove warmth and moisture northward over the cool air...with lots of clouds and widespread rain resulting. The heaviest rain occurred in parts of southwest Arkansas. Seventy two hour totals through 12 am CST on the 21st were over 6 inches in parts of the southwest, with 3 to 5 inches common. With a drought ongoing, flash flooding was not reported. There was minor river flooding along the Ouachita and Saline Rivers in southern sections of the state.

Bradley County

Countywide

18 0000CST
20 2359CST

0	0								Heavy Rain
---	---	--	--	--	--	--	--	--	-------------------

Calhoun County

Countywide

18 0000CST
20 2359CST

0	0								Heavy Rain
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Storm Data and Unusual Weather Phenomena

March 2006

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>									
Clark County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Cleveland County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Dallas County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Desha County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Drew County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Garland County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Grant County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Hot Spring County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Jefferson County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Lincoln County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Lonoke County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Montgomery County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Ouachita County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Perry County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Pike County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Polk County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Pulaski County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Saline County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Scott County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							
Yell County									
Countywide	18	0000CST			0	0			Heavy Rain
	20	2359CST							

Storm Data and Unusual Weather Phenomena

March 2006

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>									
ARZ034-043>047-055>057-063>064			Woodruff - Saline - Pulaski - Lonoke - Prairie - Monroe - Grant - Jefferson - Arkansas - Cleveland - Lincoln						
	20	0600CST 0815CST			0	0			High Wind (G50)
	A wake low followed a large area of rain across central and eastern Arkansas during the morning hours of the 20th. Wind gusts briefly reached 40 to 50 mph just behind the rain area, with gusts over 60 mph in some spots.								
Johnson County									
18 N Clarksville	30	2250CST			0	0			Thunderstorm Wind (G50)
	Thunderstorm winds damaged a large storage building.								
Faulkner County									
3 NW Conway	31	1535CST			0	0			Hail (0.75)
Conway County									
Hill Creek	31	1622CST			0	0			Hail (0.75)
<u>ARKANSAS, East</u>									
Lawrence County									
Hoxie	09	0025CST 0030CST			0	0	0.01K		Hail (0.75)
Lawrence County									
Hoxie	09	0030CST 0035CST			0	0	15K		Thunderstorm Wind (G55)
	A tree fell on a mobile home. A roof over a softball dugout at Hoxie school was damaged. Several power lines and street signs were blown down.								
Clay County									
5 WNW Rector	09	0050CST 0055CST			0	0	75K		Thunderstorm Wind (G50)
	A farm shop collapsed. A hangar and an airplane were damaged at the Rector Airport. A portion of the roof was damaged at Crockett Oil Company. Some trees and power lines were knocked down.								
Poinsett County									
Weiner	09	0600CST 0605CST			0	0	1K		Thunderstorm Wind (G60)
	A couple of trees were blown down.								
Craighead County									
Otwell	09	0645CST 0650CST			0	0	25K		Thunderstorm Wind (G60)
	Several buildings were damaged.								

Storm Data and Unusual Weather Phenomena

March 2006

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

Cross County

1.8 NW Fair Oaks

09 0658CST 8 50 0 2 100K Tornado (F2)
0710CST



The tornado moved into Cross County from Woodruff County and continued to move northeast. Five houses were badly damaged. One mobile home was displaced 100 feet from its foundation and damaged. A large metal storage shed was severely damaged with its roof removed and several large steel cross beams twisted. Several other outbuildings and barns were damaged. Many trees, power lines and power poles were also blown down.

Greene County

Beech Grove

09 0754CST 0 0 25K Thunderstorm Wind (G60)
0800CST

Several buildings were damaged. Many trees were knocked down.

Mississippi County

Leachville

09 0815CST 0 0 10K Thunderstorm Wind (G55)
0820CST

A home and a shed were damaged. A window was also blown out of the courthouse in Osceola. Power lines were also knocked down with a few trees uprooted.

Craighead County

Egypt

09 1140CST 0 0 10K Thunderstorm Wind (G55)
1145CST

Some shingles were blown off of a house. Some large trees limbs were knocked down.

Mississippi County

Dyess

09 1205CST 0 0 15K Thunderstorm Wind (G55)
1210CST

Two metal barns were destroyed. Several windows were broken. Several large trees were uprooted.

Clay County

1 S Greenway

09 1215CST 0 0 25K Thunderstorm Wind (G60)
1220CST

A newly constructed building had its roof and some large beams blown away into a field. Some power lines were also knocked down.

Crittenden County

Marion

09 1232CST 0 0 5K Thunderstorm Wind (G55)
1240CST

A few trees were blown down.

Storm Data and Unusual Weather Phenomena

March 2006

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									
Mississippi County 1 NE Blytheville to Joiner	09	1235CST 1250CST			0	0	20K		Thunderstorm Wind (G55)
									One building suffered roof and structural damage. Some trees and power lines were blown down.
Lawrence County Black Rock	09	1655CST 1700CST			0	0	1K		Thunderstorm Wind (G65)
									A couple of trees were blown down.
Randolph County Biggers	09	1700CST 1705CST			0	0	0.01K		Hail (0.75)
Randolph County Maynard	09	1700CST 1705CST			0	0	5K		Thunderstorm Wind (G55)
									Several highway signs were blown down.
Lawrence County Walnut Ridge	09	1704CST 1710CST			0	0	75K		Thunderstorm Wind (G55)
									A roof was blown off at a women's residence hall and a softball dugout was destroyed at Williams Baptist College. The roof of the Walnut Ridge Army Flying School Museum was torn off. Debris from the roof was carried across the street and hit the Parachute Inn Restaurant at the Walnut Ridge Airport. Roofs were also blown off of several other businesses in Walnut Ridge. Several trees and power lines were knocked down.
Craighead County Jonesboro	09	1713CST 1720CST			0	0	0.21K		Hail (1.00)
Craighead County Jonesboro	09	1735CST 1740CST			0	0	1K		Thunderstorm Wind (G50)



This barn was destroyed when a F2 tornado moved through western Cross County on March 9th. Some large tree limbs were knocked down.

Clay County Piggott	09	1740CST 1745CST			0	0	125K		Thunderstorm Wind (G60)
									Several businesses were damaged. The roof of a gas company building was blown off. Several trees fell on some houses. Several homes also had shingles blown off. An airplane was damaged at the Campbell Airport. Several telephone polls were knocked down.

Storm Data and Unusual Weather Phenomena

March 2006

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, East</u>									
Mississippi County									
Leachville	09	1744CST 1750CST			0	0	0.01K		Hail (0.75)
Mississippi County									
Leachville to Blytheville	09	1813CST 1820CST			0	0	0.17K		Hail (1.00)
ARZ026									
	20	Craighead 0630CST 0635CST			0	0	10K		High Wind (G50)
High winds brought down a 40 foot by 70 foot frame shop and a utility pole in Caraway.									
Lawrence County									
5 NE Strawberry	31	1415CST 1420CST			0	0	0.10K		Hail (1.00)
Lawrence County									
2 SW Lynn to Lynn	31	1428CST 1440CST			0	0	0.15K		Hail (1.00)
Craighead County									
Jonesboro	31	1540CST 1545CST			0	0	0.10K		Hail (1.00)
Craighead County									
Jonesboro	31	1620CST 1625CST			0	0	0.05K		Hail (0.88)
<u>ARKANSAS, Northwest</u>									
ARZ001>002- 010>011-019>020-029									
Benton - Carroll - Washington - Madison - Crawford - Franklin - Sebastian									
	01	0000CST			0	0			Drought
	31	2359CST							
Several widespread rain events during the month of March resulted in long-term drought conditions improving from extreme (D3) in northwestern Arkansas and exceptional (D4) in far west central Arkansas at the beginning of the month to severe (D2) by the end of the month. Some of the heavier rainfall amounts for the month included 5.70 inches at Midland AR, 6.23 inches at Greenwood AR, and 5.88 inches at Mountainburg AR. Normal precipitation for the month of March is around 4.40 inches in northwestern Arkansas. Reservoir levels improved as a result of the month's rainfall and the burn ban that was issued for the region in early December was lifted by the end of the month.									
Despite the much needed rainfall that occurred in March across northwestern Arkansas, major rainfall deficits continued over the long-term period. Since October, precipitation was between nine and eleven inches below normal throughout the region.									
Sebastian County									
Greenwood	08	1225CST 1235CST			0	0			Hail (0.75)
Franklin County									
Denning	08	1256CST			0	0			Hail (0.75)
Madison County									
Pettigrew	08	1257CST			0	0			Hail (1.00)
Sebastian County									
Ft Smith	08	2058CST			0	0			Thunderstorm Wind (G52)
Crawford County									
Van Buren	09	0235CST			0	0			Thunderstorm Wind (G57)
Sebastian County									
Central City	09	0235CST			0	0			Hail (0.75)
Franklin County									
Ozark	09	0303CST			0	0			Hail (0.88)
Crawford County									
Van Buren	09	0444CST			0	0			Hail (0.75)
Sebastian County									
Ft Smith	09	1350CST 1353CST			0	0			Thunderstorm Wind (G50)

The automated observation at the Fort Smith airport recorded a 58 mile an hour wind gust.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, Northwest

Crawford County
4 N Alma **09** **1358CST** **0** **0** **25K** **Thunderstorm Wind (G70)**
 Thunderstorm winds estimated at 80 miles an hour blew the roof off of a restaurant.

Crawford County
Dyer **09** **1405CST** **0** **0** **5K** **Thunderstorm Wind (G61)**
 Thunderstorm winds estimated at 70 miles an hour damaged buildings near Dyer.

Washington County
Winslow **09** **1405CST** **0** **0** **Hail (0.75)**

Franklin County
Jethro **09** **1415CST** **0** **0** **Thunderstorm Wind (G61)**
 Thunderstorm winds estimated at 70 miles an hour blew down a tree.

Benton County
Siloam Spgs **11** **1502CST** **0** **0** **Hail (1.00)**

Benton County
Gateway **11** **1545CST** **0** **0** **25K** **Hail (1.75)**

Carroll County
Busch **11** **1549CST** **0** **0** **25K** **Hail (1.75)**
 Hail up to golfball size covered the ground.

Sebastian County
Ft Smith **11** **2056CST** **0** **0** **Hail (0.88)**

Madison County
Hindsville **11** **2100CST** **0** **0** **Hail (1.25)**

Crawford County
Mulberry **11** **2128CST** **0** **0** **Hail (0.75)**

Sebastian County
Hackett **11** **2128CST** **0** **0** **60K** **Hail (2.75)**
 Hail up to baseball size covered the ground.

Franklin County
4 NW Cecil **11** **2132CST** **0** **0** **Hail (1.00)**

Madison County
Rockhouse **11** **2134CST** **0** **0** **Hail (0.75)**

Sebastian County
Excelsior **11** **2142CST** **0** **0** **50K** **Hail (4.25)**

Franklin County
1 W Ozark **11** **2144CST** **0.1** **40** **0** **0** **Tornado (F0)**
 A tornado briefly touched down just west of town. No damage occurred.

Sebastian County
Greenwood **11** **2149CST** **0** **0** **50K** **Hail (1.75)**
 Hail up to golfball size covered the ground.

Carroll County
3 S Green Forest **11** **2205CST** **0** **0** **Hail (0.75)**

Franklin County
Ozark **11** **2247CST** **0** **0** **Hail (0.88)**

Benton County
Rogers **12** **0107CST** **0** **0** **Hail (0.75)**

Benton County
**Decatur to
 Garfield** **12** **2141CST
 2230CST** **0** **0** **2.5M** **Hail (4.00)**

Large hail up to softball size caused extensive damage to nearly 600 homes and businesses.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, Northwest

Benton County

2 S Cherokee City to 4 SW Bentonville	12	2144CST 2208CST	19	700	0	12	5M		Tornado (F3)
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The second tornado moved into western Benton County (from Delaware County, Oklahoma) south of Highway 12, where damage suggested the tornado strengthened considerably. A mobile home was destroyed, a pickup truck was rolled and destroyed, and several homes sustained major damage to their roofs near Bloomfield, where damage was rated at F2. Damage was more extensive in and around Gentry and Centerton where 75 homes were damaged or destroyed. Damage in this area was rated F3. Twelve people were injured by the tornado.

See Storm Data for Oklahoma, Eastern for details regarding the Delaware County segment of this tornado.

Benton County

Bentonville Muni Arp to Bentonville	12	2210CST 2215CST			0	0	750K		Thunderstorm Wind (G70)
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Thunderstorm wind, likely associated with the supercell's rear flank downdraft, destroyed a hangar and offices at the Bentonville Municipal airport. Wind damage also occurred at the high school where the roof was removed from the field house and scoreboards and light towers were destroyed. A number of homes were damaged.

Benton County

1 SW Bentonville to 1 S Avoca	12	2211CST 2220CST	8	250	0	0	10M		Tornado (F2)
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The supercell cycled again and produced a third tornado that moved through the southern portion of Bentonville and Little Flock damaging or destroying 125 homes.

Benton County **Gateway**

	12	2223CST			0	0	25K		Hail (1.75)
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Carroll County

6 NW Urbanette to 5 N Urbanette	12	2250CST 2256CST	3	200	0	0	40K		Tornado (F1)
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The supercell cycled again and produced a fourth tornado that affected mainly rural areas. The tornado produced minor damage to homes and snapped or uprooted numerous trees. Several outbuildings were damaged by the tornado.

The tornado, which was rated F1 in Carroll County, moved into Stone County, Missouri at 2256 CST where it continued to produce F1 damage. See Storm Data for Missouri, Southwest for details concerning the Stone County segment of this tornado.

Washington County **Viney Grove**

	13	0050CST			0	0			Hail (0.88)
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Madison County **Wesley**

	13	0116CST			0	0	1K		Thunderstorm Wind (G61)
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Thunderstorm winds estimated at 70 miles an hour blew shingles off the roof of the post office.

Washington County **Fayetteville**

	13	0118CST			0	0			Hail (0.75)
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Carroll County

3 NW Osage	13	0132CST			0	0			Hail (0.75)
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Crawford County **Bidville**

	13	0158CST			0	0			Hail (0.75)
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Sebastian County **Ft Smith**

	13	0158CST			0	0			Hail (1.00)
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Crawford County **Van Buren**

	30	2050CST			0	0			Hail (0.88)
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Sebastian County **Ft Smith**

	30	2123CST			0	0			Hail (1.00)
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Sebastian County **Central City**

	30	2143CST			0	0	25K		Hail (1.75)
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Sebastian County **Barling**

	30	2151CST			0	0			Hail (0.88)
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Franklin County **Vesta**

	30	2214CST			0	0			Hail (0.88)
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Franklin County **Cecil**

	30	2219CST			0	0			Hail (1.00)
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Franklin County **Cecil**

	30	2219CST			0	0			Thunderstorm Wind (G61)
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Thunderstorm winds blew down trees in town.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, Northwest

Franklin County 2 E Ozark	30	2237CST			0	0			Hail (1.00)
Franklin County Altus	30	2239CST			0	0	5K		Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down trees and signs, and also damaged a building.									
Franklin County Toney to 1 NE Toney	30	2243CST 2246CST			0	0			Hail (1.00)

ARKANSAS, Southeast

Chicot County 2 SW Lake Vlg to 2 S Lake Vlg	05	2213CST 2217CST			0	0			Hail (0.75)
Ashley County 2 S Crossett to 3 SE Portland	09	1054CST 1113CST			0	0	700K		Thunderstorm Wind (G67)

A potent squall line of thunderstorms moved across Ashley county and caused widespread damage, especially across southern and eastern sections of the county. As the squall line moved through, a small segment of the line pushed out ahead of the line. This "bow segment" caused extensive damage along a swath from just south of Crossett to near Portland. The most significant damaged occurred just south and southeast of Crossett. Along the damage swath, numerous trees and power lines were blown down. Several structures sustained damage along with a few outbuildings blown away.

Chicot County 11 SW Lake Vlg to 6 E Lake Vlg	09	1120CST 1141CST			0	0	150K		Thunderstorm Wind (G60)
Chicot County Eudora	09	1133CST			0	0	3K		Thunderstorm Wind (G55)

A swath of wind damage occurred as a line of thunderstorms moved through Chicot County. Within this line, a "bow echo" segment moved from just east of Parkdale, along the Ashley/Chicot County lines, northeast to just south and then east of Lake Village. This "bow echo" segment caused the most extensive damage across the county which included numerous trees and power poles blown down. As the storm moved across the south side of Lake Village, many more trees were blown down, a few signs were down and a few homes sustained minor roof damage along with some outbuildings destroyed. This line continued east across the Mississippi River into Washington county.

The southern end of the line was not as strong. However, it was still severe and several trees were blown down in and around Eudora.

ARKANSAS, Southwest

Little River County Ashdown	09	0300CST			1	0	100K		Lightning
Lightning struck a home causing a fire to ignite. One male, age 83 was killed as a result of the house fire. House sustained considerable damage. M83PH									
ARZ059 Little River	09	0300CST			0	0			High Wind (G55)
High winds associated with a Meso Wake Low pressure system downed trees near Ashdown.									
ARZ050 Sevier	09	0300CST 0348CST			0	0	20K		High Wind (G58)
High winds associated with a Meso Wake Low pressure system downed trees and powerlines across the entire county. A roof was blown off a business and another business suffered roof damage in Horatio.									
ARZ060 Hempstead	09	0400CST			0	0	10K		High Wind (G56)
Storage buildings damaged and trees were downed near Washington from a Meso Wake Low pressure system.									
ARZ059 Little River	09	0430CST			0	0	30K		High Wind (G58)
High winds from a Meso Wake Low pressure system damaged 2 roofd and a carport in Ashdown.									
Sevier County 2 SW Lockesburg to 1 SE Lockesburg	09	0733CST 0739CST	2	60	0	0			Tornado (F0)

A supercell moved towards the northeast just south of Lockesburg, Arkansas. Damage consisted of a few large trees downed and several tree limbs snapped.

Storm Data and Unusual Weather Phenomena

March 2006

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

Howard County

Center Pt to 11 NE Center Pt	09	0755CST 0805CST	11	300	0	0	10K		Tornado (F1)
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An F1 tornado touched down in Howard County near Center Point and moved northeast to the Pike County line approximately 11 miles northeast of Center Point. The tornado was on the ground for nearly 11 miles and damage consisted of numerous trees snapped and uprooted. Minor roof damage was observed to two homes and a barn was destroyed.

Howard County

Mineral Spgs	09	0810CST			0	0			Thunderstorm Wind (G56)
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Several trees downed.

Hempstead County

Mc Caskill	09	0900CST			0	0	20K		Thunderstorm Wind (G58)
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Storage buildings and car ports damaged.

CALIFORNIA, Extreme Southeast

NONE REPORTED.

CALIFORNIA, North Central

CAZ015

Northern Sacramento Valley

12	0800PST 1400PST				0	0	0	0	Cold/Wind Chill
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Up to an inch of snow fell at the Redding airport.

CALIFORNIA, Northeast

CAZ072

Greater Lake Tahoe Area

02	1400PST				0	0			Heavy Snow
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A winter storm moved through the Sierra Nevada on March 2nd and 3rd. Up to three feet of snow fell in the higher elevations.

Storm total snowfall amounts:

Alpine Meadows Ski Resort (8600 ft.)	34 inches
(7000 ft.)	26 inches
Boreal Ski Resort	29 inches
Sierra-at-Tahoe Ski Resort	28 inches
Northstar-at-Tahoe Ski Resort (8300 ft.)	23 inches
(6900 ft.)	15 inches
Squaw Valley Ski Resort	16 inches

CAZ073

Mono

02	1400PST				0	0			Heavy Snow
----	---------	--	--	--	---	---	--	--	------------

A winter storm moved through the Sierra Nevada on March 2nd and 3rd. Up to three feet of snow fell in the higher elevations.

Storm total snowfall amounts:

1 WNW Mammoth Lakes	12 inches
Lee Vining	5 inches

CAZ071

Lassen/Eastern Plumas/Eastern Sierra

02	1400PST				0	0			Heavy Snow
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A winter storm moved through the Sierra Nevada on March 2nd and 3rd. Four to six inches of snow fell in the valleys of northeast California with up to a foot in the higher elevations.

Storm total snowfall amounts:

2 WNW Cromberg	12 inches
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CAZ072

Greater Lake Tahoe Area

09	2200PST				0	0			Heavy Snow
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A winter storm deposited over two feet of snow in the central Sierra Nevada from March 9th to the 11th.

Storm total snowfall amounts:

Storm Data and Unusual Weather Phenomena

March 2006

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

Squaw Valley Ski Resort (8200 ft.)	31 inches
(6200 ft.)	19 inches
Sierra-at-Tahoe Ski Resort	28 inches
Alpine Meadows Ski Resort (8600 ft.)	27 inches
(7000 ft.)	21 inches
Boreal Ski Resort	27 inches
Northstar-at-Tahoe Ski Resort (8300 ft.)	23 inches
(6900 ft.)	13 inches

CAZ071

Lassen/Eastern Plumas/Eastern Sierra

13	2200PST	0	0		Heavy Snow
14	1700PST				

A strong winter storm brought over 3 feet of snow to portions of the northern and central Sierra Nevada on March 13th and 14th.

Storm total snowfall amounts:

Yuba Pass (6700 ft.)	36 inches
4 WNW Sierraville (5000 ft.)	20 inches
Beckwourth	16 inches

CAZ072

Greater Lake Tahoe Area

13	2200PST	0	0		Heavy Snow
14	1700PST				

A strong winter storm brought over 4 feet of snow to portions of the northern and central Sierra Nevada on March 13th and 14th.

Storm total snowfall amounts:

Northstar-at-Tahoe Ski Resort (8300 ft.)	50 inches
(6900 ft.)	32 inches
Alpine Meadows Ski Resort (8600 ft.)	22 inches
(7000 ft.)	16 inches
Boreal Ski Resort	22 inches
Sierra-at-Tahoe Ski Resort	20 inches
Squaw Valley Ski Resort (8200 ft.)	17 inches
(6200 ft.)	11 inches
Truckee Airport	12 inches

CAZ073

Mono

14	0200PST	0	0		Heavy Snow
	2000PST				

A strong winter storm brought over 3 feet of snow to portions of the northern and central Sierra Nevada on March 13th and 14th.

Storm total snowfall amount:

Mammoth Lakes (7800 ft.)	18 inches
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CAZ072

Greater Lake Tahoe Area

16	2200PST	0	0		Heavy Snow
17	1600PST				

A winter storm deposited over a foot of snow in the central Sierra Nevada.

Storm total snowfall amounts:

Alpine Meadows Ski Resort (8600 ft.)	17 inches
(7000 ft.)	11 inches
Boreal Ski Resort	15 inches
Truckee	12 inches
Squaw Valley Ski Resort (8200 ft.)	10 inches
(6200 ft.)	6 inches
Northstar-at-Tahoe Ski Resort (8300 ft.)	10 inches
(6900 ft.)	5 inches
Kirkwood Ski Resort	10 inches
Sierra-at-Tahoe Ski Resort	10 inches
Homewood Ski Resort	8 inches
Tahoe City	6 inches

Storm Data and Unusual Weather Phenomena

March 2006

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	16 2200PST 17 1600PST			0	0			Heavy Snow
	A winter storm deposited up to a foot of snow in the northern Sierra Nevada.								
	Storm total snowfall amounts:								
	Yuba Pass								12 inches
CAZ073	Mono	17 0300PST 2000PST			0	0			Heavy Snow
	A winter storm deposited up to a foot of snow in the central Sierra Nevada.								
	Storm total snowfall amounts:								
	Mammoth Mountain Ski Resort (9000 ft.)								5 inches
CAZ073	Mono	18 1500PST 19 0015PST			0	0			Heavy Snow
	A total of 18 inches of snow fell at June Lake in 9 hours.								
CAZ072	Greater Lake Tahoe Area	20 2000PST 21 0200PST			0	0			Heavy Snow
	Sierra-at-Tahoe Ski Resort reported a total of 8 inches of snowfall overnight.								
CAZ073	Mono	24 2200PST 25 1600PST			0	0			Heavy Snow
	A trained spotter at Mammoth Lakes reported a total of 4 inches of new snowfall.								
CAZ072	Greater Lake Tahoe Area	24 2200PST 25 1600PST			0	0			Heavy Snow
	A winter storm brought over 2 feet of snow to the higher elevations of the central Sierra Nevada.								
	Storm total snowfall amounts:								
	Northstar-at-Tahoe Ski Resort (8300 ft.)								25 inches
	(6900 ft.)								16 inches
	Squaw Valley Ski Resort (8200 ft.)								24 inches
	(6200 ft.)								7 inches
	Sierra-at-Tahoe Ski Resort								18 inches
	Alpine Meadow Ski Resort (8600 ft.)								14 inches
	(7000 ft.)								7 inches
	5 SW Prosser Creek Reservoir (6700 ft.)								6 inches
CAZ073	Mono	25 1300PST			0	0			High Wind (G62)
	A 62 kt (71 mph) wind gust was recorded at the Walker RAWS site.								
CAZ073	Mono	28 0500PST 29 0200PST			0	0			Heavy Snow
	A powerful winter storm dumped up to 3 feet of snow in the higher elevations of the central Sierra Nevada.								
	Storm total snowfall amounts:								
	June Mountain Ski Area								34 inches
	Mammoth Mountain Ski Resort (9000 ft.)								28 inches
	Mammoth Lakes								24 inches
	Crowley Lake								12 inches

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, Northeast

CAZ072	Greater Lake Tahoe Area	28	1500PST 2100PST		0	0			Heavy Snow
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A powerful winter storm dumped up to 3 feet of snow in the higher elevations of the central Sierra Nevada.

Storm total snowfall amounts:

Kirkwood Ski Resort	20 inches
Sierra-at-Tahoe Ski Resort	20 inches
Homewood Ski Resort (7900 ft.)	18 inches
(6250 ft.)	10 inches
Sugar Bowl Ski Resort	16 inches
Alpine Meadows Ski Resort	12 inches
Northstar-at-Tahoe Ski Resort	12 inches
Squaw Valley Ski Resort (8200 ft.)	8 inches
(6200 ft.)	4 inches
South Lake Tahoe	7 inches

CAZ071	Lassen/Eastern Plumas/Eastern Sierra	31	1400PST 2200PST		0	0			Heavy Snow
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A fast moving winter storm deposited up to 3 feet of snow in the higher elevations of the Sierra Nevada.

Storm total snowfall amounts:

Yuba Pass	14 inches
5 W Beckwourth	7 inches

CAZ072	Greater Lake Tahoe Area	31	1600PST 2200PST		0	0			Heavy Snow
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A fast moving winter storm deposited up to 3 feet of snow in the higher elevations of the Sierra Nevada.

Storm total snowfall amounts:

Kirkwood Ski Resort	28 inches
Squaw Valley Ski Resort (8200 ft.)	24 inches
(6200 ft.)	12 inches
Sierra-at-Tahoe Ski Resort	24 inches
Northstar-at-Tahoe Ski Resort (8300 ft.)	20 inches
(6900 ft.)	14 inches
Alpine Meadows Ski Resort (8600 ft.)	20 inches
(7000 ft.)	14 inches
Meyers	18 inches
Sugar Bowl Ski Resort (8400 ft.)	16 inches
(6900 ft.)	10 inches
Homewood Ski Resort (7900 ft.)	12 inches
(6250 ft.)	6 inches
4 SSW Prosser Creek Reservoir	11 inches
5 SW Boca Reservoir	7 inches

CAZ073	Mono	31	1600PST 2200PST		0	0			Heavy Snow
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A fast moving winter storm deposited up to 3 feet of snow in the higher elevations of the Sierra Nevada.

Storm total snowfall amounts:

Mammoth Mountain Ski Resort (9000 ft.)	12 inches
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CALIFORNIA, Northwest

NOT RECEIVED.

Storm Data and Unusual Weather Phenomena

March 2006

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									
Merced County									
Countywide	02	0900PST			0	0			Heavy Rain
	31	2359PST							
Madera County									
Countywide	02	0930PST			0	0			Heavy Rain
	31	2359PST							
Fresno County									
Countywide	02	1000PST			0	0			Heavy Rain
	31	2359PST							
Kings County									
Countywide	02	1100PST			0	0			Heavy Rain
	31	2359PST							
Tulare County									
Countywide	02	1100PST			0	0			Heavy Rain
	31	2359PST							
<p>The month of March started wet and continued in Interior Central California. As example, Fresno had 4.73" of precipitation during the month which is 2.53" above normal and makes it the 6th wettest March on record [There was rain reported on 21 of 30 days of the month. For Fresno this was the wettest March since 1995 when 5.88" of rain fell]; Madera had 4.26" of rain or 1.97" above normal; Merced had 3.36" of rain or 1.13" above normal; and, Hanford had 2.60" of rain. Agricultural losses were caused by a delay in planting, out right damage due to the above normal rainfall, and/or much below normal temperatures (Fresno and Bakersfield had their 2nd and 3rd coldest March months, respectively). Monetary losses for the excessive rain and cool weather will be annotated in the April Report.</p>									
CAZ093>095 S Sierra Foothills - Tulare Cty Foothills - Kern Cty Mtns									
	02	2100PST			0	0			Winter Weather
	03	1600PST							
CAZ096>097 S Sierra Mtns - Tulare Cty Mtns									
	02	2100PST			0	0			Winter Storm
	03	1600PST							
<p>Another major winter weather system struck Interior Central California the night of the 2nd and early on the 3rd. The S.Sierra Nevada received substantial new snow amounts: 45" at Paradise Meadow; 42" at Lower Kibbie Ridge; 38" at Tamarack Summit; 36" at Gin Flat; 35" at Chilkoot Meadow; and Kaiser Point had 30". The Tulare County Mountains received: 26" at big Meadows and Grant Grove; and 18" at Beach Meadows. Snow fell to relatively low levels during the event: 10" at Lush Meadows and 2" at Coarsegold in the S. Sierra Nevada Foothills; Springville had 2" in the Tulare County Foothills; and 4" fell at Bear Valley Springs in the Tehachapi Mountains. Low snow levels (down to 1500 feet M.S.L.) occurred with this system throughout Interior Central California. In the Mariposa area of the S.Sierra Nevada foothills at the 2,900 foot M.S.L. elevation had 28" of snowfall for the period of Feb 18th to March 12th. The snowfall on the 3rd led to downed tree limbs and 20 locations of power line damage throughout the Mariposa area.</p>									
CAZ090-092 E Central S.J. Valley - Se S.J. Valley									
	03	0530PST			0	0	65K		Strong Wind
		0645PST							
Madera County									
Madera Muni Arprt	03	1345PST			0	0			Heavy Rain
		1500PST							
<p>Strong northwest wind associated with a vigorous cold frontal passage led to damage on 15 units in a Selma mobile home park with trees and power poles downed around the Fresno County area in the early morning hours of the 3rd. In Visalia a large oak tree was felled in the north side of town by the strong wind. Rainfall that occurred with this cold front was intense. Madera reported street flooding in the downtown area with 1.56" received from the day's rain. On the west side of the San Joaquin Valley Coalinga in Fresno County reported 0.68" of rain with the system.</p>									
Fresno County									
5 S San Joaquin	03	1351PST			0	0			Funnel Cloud
		1355PST							
Tulare County									
4.5 E Tipton	03	1527PST			0	0			Hail (0.75)
		1541PST							
Tulare County									
7.2 WNW Tipton	03	1531PST			0	0			Funnel Cloud
		1555PST							

Thunderstorm activity with locally heavy rain occurred over the Central and northern portions of the Southern San Joaquin Valley during the afternoon of the 3rd.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
CALIFORNIA, South Central									
CAZ089>092		W Central S.J. Valley - E Central S.J. Valley - Sw S.J. Valley - Se S.J. Valley							
	04	0530PST 0730PST			0	0			Frost/Freeze
	Following cold-frontal passage, skies cleared across the Central and Southern San Joaquin Valley late in the afternoon and strong radiational conditions occurred overnight of the 3rd and morning of the 4th even with the surface wet from the rain on the 3rd. Minimum temperatures ranged from 30 degrees at the coldest locations in the middle of the Valley but generally were in the 31 to 32 degree F. range for most locations.								
CAZ089>092		W Central S.J. Valley - E Central S.J. Valley - Sw S.J. Valley - Se S.J. Valley							
	04	0530PST 0730PST			0	0			Frost/Freeze
	Minimum temperatures dropped to or slightly below 32F at several locations including 30F at Lemoore, 31F at Hanford, Lemon Cove, and Wasco, and 32F at Merced, Madera, and Los Banos on the morning of the 4th.								
CAZ096>097		S Sierra Mtns - Tulare Cty Mtns							
	05	1900PST			0	0			Winter Storm
	07	0400PST							
Tulare County Porterville	07	1745PST 1800PST			0	0			Heavy Rain
Tulare County Porterville	07	1750PST			0	0	5K		Hail (0.33)
	Continued inclement weather brought more snow to the higher elevations of Interior Central California and rain to the Central and South San Joaquin Valley. On the Valley floor Fresno received an additional 0.62" of rain, Porterville 0.50" on the 6th, and Bakersfield 0.48". New snow amounts included 24" at Mitchell Meadows, 23" at Paradise Meadows, 21" at Blackcap Basin; 28" at Farewell Gap; and, 27" at Big Meadows. Following the snowfall in the adjacent mountain areas, afternoon shower activity developed over the Southern San Joaquin Valley bringing locally heavy rain, local street flooding, and small hail in the Porterville area as the afternoon ended on the 7th.								
CAZ098>099		Indian Wells Vly - Se Kern Cty Desert							
	07	1055PST			0	0	2K		Strong Wind
	08	0215PST							
	Gusty west wind prevailed over the Kern Desert areas on the 7th and 8th.								
CAZ095-098>099		Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert							
	09	1314PST			0	0	3K		Strong Wind
	10	0415PST							
	Gusty WNW wind associated with an active weather system swept the Kern County Mountains and Desert late on the 9th and early 10th.								
CAZ089>091-093-095		W Central S.J. Valley - E Central S.J. Valley - Sw S.J. Valley - S Sierra Foothills - Kern Cty Mtns							
	10	0300PST			0	0			Winter Weather
	11	2200PST							
	In the Tehachapi area 8 inches of new snow fell on the 10th with another 6 to 8 inches of new snow accumulating in the Kern County Mountains by late on the 11th. Lebec reported over an inch of snow late on the 11th which caused highway problems through the busy Gorman Pass area to Southern Calif. Snowfall of 6" to 8" fell on the 1400-foot M.S.L. Pacheco Pass on Highway 152 which crosses from Los Banos in the San Joaquin Valley to Gilroy along the Central Coast early Saturday morning. Highway 41 leading from the Southwest San Joaquin Valley to the Central Coast was closed from 0735 to 0845 PST due to snow below the 2,000 foot M.S.L. Cottonwood Pass. In the Southern Sierra Nevada Foothills Ponderosa Basin reported 14" of new snow, Lush Meadow near Mariposa had 8", and the Oakhurst Fire Station reported 10". Sleet, small hail, and ice pellets fell in the Kings and Fresno Counties area late in the morning of the 10th leading many to think snow had fallen on the Valley floor. The storm was also responsible for a high number of downed trees and broken power lines in Madera County foothill area around Oakhurst to Mariposa. With the very cold air aloft, snowfall was even mentioned as a possibility for the Central and South San Joaquin Valley for the forecasts early on the 11th.								
CAZ096>097		S Sierra Mtns - Tulare Cty Mtns							
	10	0800PST			0	0			Winter Storm
	11	2200PST							
	Snowfall occurred in the mountains from the 8th of March into the 12th. The greatest amounts of snow in the Southern Sierra Nevada and Tulare County Mountains fell during the 10th and 11th: Quaking Aspen 43" of new snow; Gin Flat 38"; Upper Tyndal Basin 30"; Lodgepole 28"; and Volcanic Knob 26".								
Fresno County 3 NE Westhaven	10	1600PST 1617PST			0	0			Hail (0.75)
Kings County (Nlc)Nas Lemoore	10	1627PST 1635PST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
CALIFORNIA, South Central									
Madera County									
15.6 ESE Madera to 12.3 E Madera	10	1700PST 1710PST			0	0	100K		Hail (0.40)
Tulare County									
3 NE Alpaugh	10	1704PST 1708PST			0	0			Hail (0.75)
Associated with the severe thunderstorms was locally heavy rain. Lemoore, in Kings County, received 0.48" of rain in about an hour that lead to extensive street flooding. A late afternoon thunderstorm along Highway 41 just north of the Fresno/Madera County Line brought small hail and icy rain onto the roadway as well as impacting crops in the vicinity.									
Kern County									
(Bf)Meadows Field Ap	11	1414PST 1429PST			0	0			Hail (0.75)
A thunderstorm moved from the Shafter area at 1340 PST and impacted the Meadows Field Airport by 1414 PST with large hail. Another thunderstorm indicated by radar developed in the vicinity of Lamont at 1653 PST and moved southeast to the Arvin area before dissipating on the 11th.									
CAZ095-098>099									
Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert									
	12	0010PST 0900PST			0	0	3K		Strong Wind
Gusty west wind occurred late in the evening of the 11th and the very early morning hours of the 12th in the Kern County Mountains and Deserts.									
Fresno County									
3 S Mendota	12	1506PST			0	0			Lightning
Fresno County									
7.8 W Tranquility	12	1535PST 1540PST			0	0			Funnel Cloud
Fresno County									
14 WSW Tranquility	12	1540PST 1550PST			0	0	100K		Hail (0.50)
Fresno County									
11 NW Cantua Creek	12	1545PST 1550PST			0	0			Funnel Cloud
Weak convection on the west side of the Central San Joaquin Valley resulted in reports of funnel clouds and small hail. However, the 1/2-inch hail resulted in a young deciduous crop loss (almonds).									
CAZ096									
S Sierra Mtns									
	14	0700PST			0	0			Winter Weather
	16	1600PST							
Another in a line of weather systems provided up to 12" of new snow over a 24 hour period at the high elevations of the Southern Sierra Nevada.									
Kern County									
(Bf)Meadows Field Ap	14	1451PST			0	0			Lightning
A thunderstorm was reported at Meadows Field during the middle of the afternoon on the 14th.									
CAZ095>096									
Kern Cty Mtns - S Sierra Mtns									
	17	0400PST			0	0			Winter Weather
	18	0900PST							
Tulare County									
Tulare	17	1500PST 1530PST			0	0			Heavy Rain
Tulare County									
Tulare	17	1500PST			0	0	5K		Lightning
Another cold frontal passage through Interior Central California brought more snow to the higher elevations. In the Southern Sierra Nevada Lower Kibbie Ridge accumulated 12" of new snow and West Woodchuck Meadow received 9". In the Tehachapi Mountains Bear Valley Springs picked up 6" of new snow. Thunderstorm activity late in the afternoon on the 17th led to lightning damaging power transmission to Tulare storm drainage pumps. Locally heavy rain occurred a couple of times in the late afternoon hours in the city of Tulare area. Hail about 0.50" in diameter fell just before 1800 PST in the Tulare.									
CAZ096									
S Sierra Mtns									
	20	1200PST			0	0			Winter Storm
	21	0700PST							
CAZ090									
E Central S.J. Valley									
	20	1445PST 1600PST			0	0	5K		Strong Wind

Storm Data and Unusual Weather Phenomena

March 2006

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

CAZ097	Tulare Cty Mtns								
	20	1600PST			0	0			Winter Weather
	21	1600PST							
	New snowfall in the Southern Sierra Nevada varied from 18" at Graveyard Meadow to 12" at Yosemite Valley and Huntington Lake. In the Tulare County Mountains, 8" fell at Lodgepole with 15" reported at Giant Forest, Quaking Aspen, and Big Meadows. On the East-Central San Joaquin Valley floor, rain and windy conditions contributed to at least separate vehicle accidents from just north of Madera to 10 miles southeast. The gusty wind downed trees, including a large tree in downtown Madera just before 3 PM PST on the 20th.								
CAZ096	S Sierra Mtns								
	25	0000PST			0	0			Winter Weather
		1600PST							
	Additional snow in the Southern Sierra Nevada ranged from 6" at Tamarack Summit to 8" at Chilcoat Meadow.								
CAZ095-098>099	Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert								
	25	1010PST			0	0	3K		Strong Wind
	26	0400PST							
	Gusty west wind swept over the Kern County Mountains and Desert areas the afternoon of the 25th associated with a cold frontal passage.								
CAZ095>097	Kern Cty Mtns - S Sierra Mtns - Tulare Cty Mtns								
	27	2200PST			0	0			Winter Storm
	29	0400PST							
	In the Southern Sierra Nevada new snow amounts in a 24-hour period ranged from 18" at Tuolumne Meadows to 55" at Kaiser Point with several other reporting stations well over 40" of new snow. In the Tulare County Mountains Lodgepole received 34" of new snow while Big Meadows got 52". Even in the Kern County Mountains where the snow level was 6000 feet M.S.L., 15" of new snow occurred at Piute.								
Merced County									
5 SSE Merced to	28	1435PST			0	0			Funnel Cloud
1 SE Merced		1450PST							
Merced County									
2.1 NNW Merced Arpt	28	1517PST	0.1	20	0	0	5K		Tornado (F0)
		1520PST							
	A late report indicated damage from this second small tornado in Merced at 1517 PST shortly after the 1448 PST tornado. There was minimal damage associated with the small track and path. There was an unconfirmed report of another touchdown in the city close to the time this confirmed 1517 PST tornado.								
Merced County									
1.6 WSW Atwater to	28	1442PST	0.2	20	0	0	10K		Tornado (F0)
1.6 W Atwater		1447PST							
Kings County									
Lemoore to	28	1500PST			0	0			Heavy Rain
Hanford	29	0400PST							
Merced County									
2 NNE Livingston	28	1545PST			0	0			Heavy Rain
		1615PST							
Tulare County									
Porterville	28	1800PST			0	0			Heavy Rain
	29	0600PST							
	A small F0 Tornado occurred just west of Atwater, CA, that resulted in small structure roof damage and the tossing of equipment and trash cans at nearly the same time as another tornado 10 miles to the ESE in Merced County. Locally heavy rain from the thunderstorm activity in Merced County also resulted in reports of roadway flooding just northeast of Livingston by 1633 PST. Urban flooding was the result of locally heavy rain and thundershowers specifically in the Lemoore/Hanford area of Kings County as well as Porterville in Tulare County.								
Merced County									
1 SE Merced to	28	1448PST	0.2	30	0	0	10K		Tornado (F0)
1 ESE Merced		1453PST							
	A trained spotter noted a funnel cloud approaching the city of Merced and tracked the northward movement of that funnel. At 1448 PST the funnel removed half of the corrugated roof of a farm maintenance shop and lifted it up and over adjacent power lines to the north. Eyewitness accounts indicated rotation and movement of the lowest level clouds toward the NE approximately 0.19 miles. Other than two ground contact points, beginning and end of the damage track, there was no evidence of any other ground contact from the funnel. Analysis by a local structural engineer aided in the assignment of the F0 rating.								

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

CAZ096	S Sierra Mtns	31 1800PST			0	0			Winter Weather
		2359PST							

Inclement weather in Interior Central California for March continued to increase the snowpack. Additional snow ranged from 8" at Upper Burnt Corral to 14" at Paradise Meadow with other new snow amounts of 13" at Tenaya Lake, and 10" at both Sierra Summit Lower Kibbie.

CALIFORNIA, Southeast

CAZ026	Owens Valley	02 2200PST			0	0			Winter Storm
		03 1400PST							

Aspendell (8500') received 13" of snow.

CAZ026	Owens Valley	14 1230PST			0	0			High Wind (G57)
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Occurred at Independence.

CAZ026	Owens Valley	25 1930PST			0	0			High Wind (G50)
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18-wheeler flipped over on Highway 395 at Ash Creek.

CAZ026	Owens Valley	25 1945PST			0	0			High Wind (G58)
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Occurred at Aspendell (8500').

CALIFORNIA, Southwest

CAZ055>056-058-060	San Bernardino County Mountains - Riverside County Mountains - San Diego County Mountains - Apple And Yucca Valleys								
		10 0500PST			1	7	160K		Winter Storm
		11 2000PST							

A very large, cold low pressure system and associated 160 kt jet brought strong wind and heavy low-elevation snow to the mountains of Southern California. Communities in the San Diego mountains were particularly hard hit by the near record snowfall. Roof damage was reported in Guatay and power outages were widespread. One person died and 7 others were injured after their party became lost near Pine Valley during the storm. Numerous traffic accidents forced the closure of most major mountain roads, including I-8, hwy 18, hwy 38, and hwy 243. Snowfall totals ranged from around 1 to 3 feet, including 12" at Pine Valley, 13" at Warner Springs, 25" at Cuyamaca, 27" at Pine Cove and Idyllwild, and 36" at Lake Arrowhead, Big Bear, and the top of the Palm Springs Aerial Tramway. Light snow was also reported in Hemet, Temecula, Devore, Sage, Yucaipa, and Alpine. Post storm visible satellite imagery showed heavy snowfall accumulations as far as 200 miles south of the international border into Baja Mexico. ??OU

San Diego County	Encinitas	10 1638PST	0.2	15	0	0	1.5K		Tornado (F0)
		1640PST							

A waterspout came ashore in Encinitas and blew down a few trees before dissipating. One of the trees fell across some railroad tracks and temporarily halted train traffic.

San Diego County	Escondido	10 2015PST			0	0			Hail (1.00)
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Thunderstorms produced widespread accumulations of hail across San Diego County. Most of the hailstones that fell were between 1/4 and 1/2 inch in diameter, however, a few of the stronger thunderstorms produced hailstones that measured one inch in diameter.

San Diego County	1 W La Mesa	11 0758PST			0	0			Flash Flood
		0805PST							

Overflow of a flood control channel flooded part of I-8 at Fletcher Parkway.

San Diego County	Escondido	11 1135PST			0	0	5K		Hail (1.00)
		1140PST							

Quarter size hail accumulated over one inch deep in southwest Escondido.

San Diego County	5 N Rancho Bernardo	11 1145PST			0	0			Funnel Cloud
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A funnel cloud was observed beneath the wall cloud of a low topped supercell.

Storm Data and Unusual Weather Phenomena

March 2006

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

CALIFORNIA, Southwest

San Diego County

6 NW Ramona to
5 N Ramona

11	1211PST 1215PST	2	45	0	0	25K	Tornado (F0)
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This tornado touched down along highway 78 just northwest of Ramona before moving into a rural neighborhood on the outskirts of town. The tornado knocked down dozens of trees, snapped a few pines in half, tossed a child's fort, damaged some solar panels, bent or distorted a couple of rolling garage doors, ripped off the metal roofing from a storage shed or barn, and blew off a number of tiles from a roof.

A low topped supercell formed about 30 miles off the coast of Carlsbad and moved eastward across northern San Diego County during the late morning and early afternoon hours of the 11th. The supercell first produced a brief waterspout about two miles off the coast of Moonlight Beach. No damage was reported with this waterspout. The supercell then came ashore and left a swath of 1/2 inch diameter hail one inch deep from Carlsbad to Escondido. As the supercell approached Escondido, one inch diameter hail was reported and a rotating wall cloud was observed by local spotters and staff at the NWS San Diego office. A few minutes later, a brief funnel cloud was spotted underneath the wall cloud as the storm passed over interstate 15. The supercell continued eastward into a rural area along highway 78 before producing a weak tornado in rural northwest Ramona. The tornado was on the ground for nearly two miles and caused damage to trees, out buildings, and homes. No injuries were reported with this tornado. The storm began to lose its structure as it headed into the mountains east of Ramona and no further reports of severe weather were received from this storm.

San Diego County

San Diego

11	1252PST 1338PST			0	0		Flash Flood
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Lanes flooded on northbound I-5 south of Balboa Blvd.

CALIFORNIA, Upper

CAZ082

South Central Siskiyou County

01	1700PST			0	0		Heavy Snow
02	0500PST						

Mt. Shasta Ski Resort at 5500 feet reported 12 inches of snow overnight.

A Winter Storm Warning was issued for California zones CAZ082/083 above 3500 feet at 01/0339, effective from 01/1800 til 02/1200 PST. The snow level was lowered to 3000 feet at 01/1124 PST. It was downgraded to a Snow Advisory at 02/0350 and that was cancelled at 02/1200.

CAZ081

Central Siskiyou County

01	1945PST			0	0		High Wind (G59)
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Recorded at the Weed RAWS.

A High Wind Warning was issued for California zones CAZ081 at 01/0339 PST, effective from 1000 PST until 2200 PST on 03/01/06. It was extended until 02/0400 PST at 01/1957 PST. It was cancelled at 02/0350 PST. The above observation verified the warning.

CAZ082-082-082-082-082-082-082-082-082

South Central Siskiyou County

04	1600PST			0	0		Heavy Snow
05	2200PST						

Spotter SY70 at 3000 feet reported 15 inches of snow in 24 hours.

A Winter Storm Warning was issued for California zones CAZ082/083 and CAZ080 above 3000 feet at 04/1403 PST, effective 04/2200 until 05/2200 PST. The warning was expired for CAZ080 at 05/2200 PST, but it was extended until 06/0400 PST at 05/2203 PST for CAZ082/083. The warning was downgraded to a Snow Advisory at 06/0347 PST and was cancelled at 07/1000 PST. The above observations verified the warning.

CAZ080-082-082-082-085

Western Siskiyou County - South Central Siskiyou County - Modoc County

13	1000PST			0	0		Heavy Snow
14	1100PST						

Spotter SY103 2 SSW of Fort Jones at 2728 feet recorded 4 inches of snow overnight.

A Winter Storm Warning was issued for California zone CAZ082 at 12/1452 PST, effective from 13/1200 to 14/1000 PST. Another Winter Storm Warning was issued for California zone CAZ080 above 2000 feet at 13/1402 PST, effective from 13/1402 to 14/1000 PST. The elevation of the CAZ080 warning was lowered to 1500 feet at 14/0450 PST. The warning for both zones was extended until 14/1600 PST at 13/2215 PST. The warning was cancelled at 14/1352 PST. The above observations verified the warning. No warning or advisory was in effect for CAZ085, but it appears the heavy snow recorded at Tionesta was only a localized event in that zone, as no other heavy snow reports were recorded in the area.

CAZ082-082-082

South Central Siskiyou County

15	1230PST			0	0		Heavy Snow
16	1230PST						

Spotter SY94 4SSW Weed reported 18 inches of snow in 24 hours.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

A Winter Storm Warning was issued for California zones CAZ080/082/083 above 3000 feet at 16/0926 PST, effective 16/0926 until 16/2200 PST. The warning was downgraded to a Snow Advisory at 16/1454 PST. The above observations verified the warning, which was issued a bit late.

CAZ081-081	Central Siskiyou County	23 0945PST			0	0			High Wind (G61)
		1045PST							

Recorded at Weed RAWS.

A Wind Advisory was in effect for this area during this event. This area is about the windiest in the zone, and no other verifying observations were received. Therefore it appears that a Wind Advisory was the best product for this event.

CAZ082	South Central Siskiyou County	23 1800PST			0	0			Heavy Snow
		24 0600PST							

Mt. Shasta Ski Resort reported 6 inches of snow overnight at 5500 feet.

A Snow Advisory was in effect for this area during this event. This is the only report that met Heavy Snow Warning criteria and it barely did so, so an Advisory was likely the best product for this event.

CAZ082	South Central Siskiyou County	27 1700PST			0	0			Heavy Snow
		28 0500PST							

Mt. Shasta Ski Resort reported 6 inches of snow overnight at 5500 feet.

A Winter Storm Warning was issued for California zones CAZ080/082 above 4500 feet at 27/0329 PST, effective from 27/1800 til 28/1600 PST. The warning level was lowered to 3500 feet at 27/1414 PST. It was downgraded to a Snow Advisory above 3500 feet at 28/0216 PST. The above report was the only one verifying the warning, and it barely did so. Considering that this report was from a snowy area, an Advisory was likely the best product for this event.

CAZ081	Central Siskiyou County	27 1709PST			0	0			High Wind (G64)
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Reported by spotter 4 SSW Weed.

A Wind Advisory was in effect at the time of this observation. This observation occurred near the peak of the wind event. The nearby Weed RAWS, which is in an exposed area, recorded wind speeds meeting the Advisory threshold, but not the warning criteria. Therefore this observation was likely an isolated event.

CAZ082	South Central Siskiyou County	30 0000PST			0	0			Heavy Snow
		31 0000PST							

Castle Lake at 5900 feet recorded 11.1 inches of snow in 24 hours.

No Warning or Advisory was in effect for this storm, but this location is remote and subject to heavy snows.

CAZ082	South Central Siskiyou County	31 0000PST			0	0			Heavy Snow
		2359PST							

Castle Lake at 5900 feet recorded 14.5 inches of snow in 24 hours.

A Snow Advisory was in effect from 31/1300 PST until 01/0800 PST for this area. It was likely the best product for this event as the Castle Lake area is subject to very heavy snow, and most areas likely received lower amounts.

CALIFORNIA, West South Central

Los Angeles County									
North Hollywood	03 0825PST				0	0			Flash Flood
	0930PST								

Heavy rain produced flash flooding in the North Hollywood area. California Highway Patrol reported the car pool lane of SR-170 was closed at Riverside Drive due to flooding.

Santa Barbara County									
Lompoc	29 1255PST	0	4		0	0			Tornado (F0)
	1258PST								

A weak tornado touched down in the community of Lompoc. The small tornado touched down in a parking lot of strip mall along North H street. No significant damage was reported.

CALIFORNIA, Western

Sonoma County									
Schellville	06 0814PST				0	0			Flash Flood
	1015PST								

A levee on the Schell creek near Schellville failed in two places causing minor flash flooding of surrounding areas, including thousands of acres of farmland. Rain also caused Sonoma Creek to overflow near Highway 121, flooding the thoroughfare south of

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, Western

Sonoma for a few hours.

CAZ514 **Monterey Bay/N Salinas Valley/Hollister Valley/Carmel Valley**
 06 0840PST 1 0 **Strong Wind**
 0842PST

Strong winds tore the top off a redwood tree - killing a San Lorenzo valley woman. The subject was killed when the falling limb hit her in the back and pinned her against the ground. F73UT

Santa Cruz County
Live Oak 10 2230PST 0 0 **Hail (0.75)**
 2238PST

A severe thunderstorm brought 3/4" hail to Live Oak in Santa Cruz County.

CAZ505 **Coastal North Bay Including Point Reyes National Seashore**
 11 0228PST 2 15 **Winter Weather**
 0250PST

A sudden, brief snow shower coated Highway 101 just north of the Golden Gate Bridge with ice and slushy snow. A chain reaction accident occurred, involving 28 vehicles creating a monstrous pileup - killing 2 people and injuring more than a dozen. The pileup scattered wreckage 350 to 400 feet along the road. F30VE, F26VE

CARIBBEAN SEA AND TROPICAL ATLANTIC

Carib Waters E Cst
Pr Thru Usvi
Red Hook St Thomas 06 1410AST 0 0 **Waterspout**
 1425AST

A reliable source in the British Virgin Islands reported two funnel clouds developed into a waterspout about 8 to 10 miles north northwest of the Baths in the British Virgin Islands. These waterspouts were moving northwest at 10 to 15 mph.

Carib Waters E Cst
Pr Thru Usvi
Red Hook St Thomas 20 1037AST 0 0 **Waterspout**
 1052AST

A pilot reported a waterspout about 5 to 10 miles east of St. Thomas. This waterspout was nearly stationary.

Deerfield Beach To
Ocean Reef Fl
 7 N Port Everglades to 23 1543EST 0 0 **Waterspout**
 7 NE Port Everglades 1548EST

Waterspout was observed by public just offshore Lauderdale By The Sea moving east. Pictures of the waterspout were taken and used by local media on news and internet broadcasts. The waterspout was spawned from the same storm which produced the tornado and funnel clouds earlier in Coral Springs.

Caribbean Waters S
Cst Of Pr
Punta Viento 24 1603AST 0 0 **Waterspout**
 1618AST

A pilot reported several waterspouts about 5 miles west of Punta Viento in Patillas.

Carib Waters E Cst
Pr Thru Usvi
Charlotte Amalie 25 1843AST 0 0 **Waterspout**
 1858AST

A pilot reported several waterspouts about 15 miles south of St. Thomas. These waterspouts were nearly stationary.

Carib Waters E Cst
Pr Thru Usvi
Cp Southwest St Croix 29 0756AST 0 0 **Waterspout**
 0811AST

A pilot reported a waterspout about 30 miles south of St. Croix This waterspout was moving west at 5 mph.

COLORADO, Central and Northeast

NOT RECEIVED.

COLORADO, East Central

COZ090>092 **Yuma County - Kit Carson County - Cheyenne County**
 20 0800MST 0 0 **Heavy Snow**
 1700MST

A winter storm produced heavy snow across all of northwest Kansas, southwest Nebraska and east central Colorado. Minor

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

blowing and drifting was also reported. Numerous traffic accidents were reported in the area with school, business and road closures common. Snowfall amounts were heaviest across Decatur, Rawlins Sherman, Thomas and Wallace counties with a maximum of 12 to 14 inches reported by cooperative observers and storm spotters. Goodland, Kansas reported 13.4 inches of snow in 24 hours, making it the 7th snowiest calendar day on record.

Some county snowfall amounts in the Tri-state area include, in Colorado: Yuma 6-10", Kit Carson 6-12", Cheyenne 6-8"; in Nebraska: Dundy 5-9", Hitchcock 6-9", Red Willow 9-11"; in Kansas: Cheyenne 8-11", Rawlins 6-13", Decatur 8-12", Norton 8-10", Sherman 9-14", Thomas 8-13", Sheridan 8-12", Graham 8-10", Wallace 8-14", Logan 6-12", Gove 6-12", Greeley 4-7", Wichita 6-10".

COLORADO, South Central and Southeast

COZ058-060-066-068 Eastern Lake County / Western Mosquito Range Above 11000 Ft - Eastern Sawatch Mountains Above 11000 Ft - La Garita Mountains Above 10000 Ft - Eastern San Juan Mountains Above 10000 Ft
 08 0600MST 0 0 Heavy Snow
 13 1200MST

A series of moist upper level disturbances pounded the highest elevations of the southwest and central mountains...especially the eastern San Juan mountains. Several feet of snow was noted in the higher elevations of the Mosquito and Sawatch Ranges...but the summit of Wolf Creek Pass in the eastern San Juan mountains reported an impressive 100 inches of snow during this time frame.

COZ086 Pueblo Vicinity / Pueblo County Below 6300 Ft
 08 1200MST 0 0 Heavy Snow
 1900MST

While accumulations below snow advisory criteria were noted along the Interstate 25 corridor and the eastern mountains...up to 7 inches of localized snow accumulation was measured in the Pueblo West area in Pueblo County.

COZ074-079-081-084-087>088-099 Southern Sangre De Cristo Mountains Between 7500 & 11000 Ft - Wet Mountains Between 8500 And 10000 Ft - Teller County / Rampart Range Above 7500 Ft / Pikes Peak Between 7500 & 11000 Ft - Northern El Paso County / Monument Ridge / Rampart Range Below 7500 Ft - Walsenburg Vicinity / Upper Huerfano River Basin Below 7500 Ft - Trinidad Vicinity / Lower Huerfano River Basin & Western Las Animas County Below 7500 Ft - Springfield Vicinity / Baca County
 20 0100MST 0 0 Winter Storm
 1500MST

A winter storm system produced modest amounts of snow over portions of south central and southeast Colorado. Some of the higher snowfall totals with this event are as follows...5 inches at Trinidad...6 inches at Springfield...La Veta and Walsenburg...7 inches near Monument...8 inches near Rye...Walsh...Beulah...Black Forest...Divide and near Aguilar and San Isabel...10 inches northwest of Peyton. An impressive 24 inches of snow was experienced at Cuchara in Huerfano County. Winter storm criteria were met in the highest elevations of the southern Sangre de Cristo Mountains...Wet Mountains...Pikes Peak...and northern El Paso County.

COZ068 Eastern San Juan Mountains Above 10000 Ft
 21 1600MST 0 0 Heavy Snow
 22 0700MST

A quick moving weather disturbance dumped over 10 inches of snow in the highest reaches of the eastern San Juan Mountains in Mineral County.

COZ068-074 Eastern San Juan Mountains Above 10000 Ft - Southern Sangre De Cristo Mountains Between 7500 & 11000 Ft
 28 1500MST 0 0 Heavy Snow
 30 0500MST

COLORADO, West

COZ004-010-013 Elkhead And Park Mountains - Gore And Elk Mountains/Central Mountain Valleys - Flattop Mountains
 01 0000MST 0 0 Winter Weather
 1200MST

This event began on the last day of February and carried over into March. A series of disturbances embedded in a relatively warm and moist southwest flow over the area produced 5 to 9 inches of snow and frequent wind gusts of 20 to 30 mph across the mountains of northwest Colorado. The highest measured wind gusts were 44 mph at Storm Peak Lab and 46 mph at Snowmass Ski Area.

COZ002 Central Yampa River Basin
 01 0000MST 0 0 Winter Weather
 0500MST

A moist southwest flow followed by a weak cold front resulted in widespread 3 to 4 inch snow accumulations around Craig, Hayden, and Meeker.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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			Drought
31	2359MST								

Although mountain snowpack was near or above normal for much of the central and northern mountains of western Colorado, abnormally dry conditions continued to plague much of the western part of the state. The mountain snowpack across southwest Colorado was generally at 50 to 60 percent of normal leading to moderate drought conditions across portions of the Southwestern San Juan Mountains and adjacent lower elevations. Water supply continued to be a concern for the entire area as the impact from long term drought over previous years continued to be felt. For a continuation on this drought situation please see the April 2006 Storm Data publication.

COZ005 **Upper Yampa River Basin**

06	1202MST				0	0			Avalanche
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An avalanche of heavy wet snow came off the 2nd story metal roof of a school and buried a 3-year-old boy under three feet of the snow. Rescuers located the boy and had his head free of the snow about 5 minutes later. The boy suffered a laceration to his forehead.

COZ003>004-010-012>013-017 **Roan And Tavaputs Plateaus - Elkhead And Park Mountains - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Flattop Mountains - Uncompahgre Plateau And Dallas Divide**

07	1200MST				0	0			Winter Weather
08	1800MST								

A Pacific storm produced 5 to 12 inches of snow across the central and northern mountain and high plateau areas of western Colorado.

COZ009-018>019 **Grand And Battlement Mesas - Northwestern San Juan Mountains - Southwestern San Juan Mountains**

07	1400MST				0	0			Heavy Snow
08	1800MST								

Snowfall of 12 to 16 inches occurred across the southern mountains and portions of the central mountains of western Colorado as a Pacific storm moved across the area. Local amounts up to 19 inches were measured in the southwest San Juan Mountains around Rico.

COZ002 **Central Yampa River Basin**

08	0000MST				0	0			Heavy Snow
	1500MST								

A Pacific storm produced 6 to 9 inches of snow across much of the Central Yampa River Basin around Meeker and Craig.

COZ005 **Upper Yampa River Basin**

08	0000MST				0	0			Winter Weather
	1500MST								

A Pacific storm system and associated cold front produced 4 to 8 inches of snow across the Steamboat Springs and Oak Creek areas.

COZ001-021>023 **Lower Yampa River Basin - Four Corners / Upper Dolores River Basin - Animas River Basin - San Juan River Basin**

08	0000MST				0	0			Winter Weather
	1200MST								

A Pacific storm system brought widespread snowfall of 3 to 6 inches to the Lower Yampa River Basin and the Valleys of southwest Colorado. Locally higher amounts from 9 to 12 inches were measured from Dolores and Mesa Verde National Park to 4 miles west of Mancos. The convective nature of the precipitation resulted in locally heavy bursts of snowfall.

COZ002 **Central Yampa River Basin**

09	0700MST				0	0			Heavy Snow
10	1900MST								

A series of disturbances embedded in a moist southwest flow brought 4 to 8 inches of snow to many of the lower elevation areas of northwest Colorado. The snowfall hampered travel and resulted in a number of vehicle accidents.

COZ003>004-009>010-012>013-017>019 **Roan And Tavaputs Plateaus - Elkhead And Park Mountains - Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Flattop Mountains - Uncompahgre Plateau And Dallas Divide - Northwestern San Juan Mountains - Southwestern San Juan Mountains**

09	0800MST				0	0			Winter Storm
13	1600MST								

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

A series of disturbances embedded in a moist southwest flow brought a lengthy period of snowfall to the mountains of western Colorado. Widespread snow accumulations of 2 to 4 feet were measured across the Southwest San Juan Mountains, with local amounts of 4 to 5 feet. Snowfall accumulations of 1 to 3 feet occurred across the rest of the mountains and high plateaus of western Colorado. Higher amounts included 68.5 inches (4.7 inches water equivalent) at Coal Bank Pass in the San Juan Mountains where the winter snowpack was running well below normal. Strong winds buffeted the mountains and created snow drifts 3 to 6 feet deep. Wind gusts of 50 to 80 mph were recorded at some locations.

COZ020>023

Paradox Valley / Lower Dolores River Basin - Four Corners / Upper Dolores River Basin - Animas River Basin - San Juan River Basin

09	0800MST	0	0		Winter Storm
12	2300MST				

A series of disturbances embedded in a moist southwest flow brought a lengthy period of storminess and snowfall to the lower elevations of southwest Colorado. Widespread snow accumulations of 6 to 18 inches were reported. Locally higher amounts included 21 inches near Durango, 19 inches at a location 4 miles west-northwest of Mancos, and 19 inches at Dolores. Wind speeds of 20 to 30 mph with gusts around 45 mph created blowing and drifting snow. The snow created widespread travel difficulties with numerous accidents.

COZ005

Upper Yampa River Basin

09	0800MST	0	0		Winter Weather
10	1900MST				

A series of disturbances embedded in a moist southwest flow resulted in 4 to 7 inches of snowfall across the Upper Yampa River Basin.

COZ006-008-011

Grand Valley - Central Colorado River Basin - Central Gunnison And Uncompahgre River Basin

09	2000MST	0	0		Winter Weather
10	1500MST				

A series of disturbances embedded in a moist southwest flow resulted in significant snowfall across the central valleys of western Colorado. Widespread snowfall amounts of 3 to 5 inches were reported. Locally higher amounts of 6 to 9 inches accumulated across portions of the North Fork Valley in Delta County and along the Interstate 70 corridor from New Castle to Glenwood Canyon. The snow storm severely hampered travel and resulted in numerous vehicle accidents throughout the area.

COZ007

DeBeque To Silt Corridor

09	2100MST	0	0		Heavy Snow
10	1400MST				

A series of disturbances embedded in a moist southwest flow brought a lengthy period of storminess and snowfall to most lower elevations of west central Colorado. Widespread snow accumulations of 6 to 14 inches were reported along the Interstate 70 corridor from DeBeque Canyon to Rifle and Silt. Travel was severely hampered by the snow and numerous vehicle accidents occurred.

COZ018>019

Northwestern San Juan Mountains - Southwestern San Juan Mountains

10	1045MST	0	0		Avalanche
	1235MST				

Avalanche mitigation resulted in a number of slides onto roadways. The centerline of Highway 550 was covered up to 6 feet deep for a distance of 250 feet. Roads were closed for 1 hour and 35 minutes while debris was cleared.

COZ006

Grand Valley

12	0600MST	0	0		Winter Weather
	1100MST				

A moist Pacific disturbance produced widespread snowfall of 3 inches across the Grand Valley. A number of vehicle accidents occurred due to the slippery roads.

COZ018>019

Northwestern San Juan Mountains - Southwestern San Juan Mountains

12	0735MST	0	0		Avalanche
	1345MST				

One natural avalanche and a number of mitigation caused avalanches deposited debris on roadways. A 375 foot section of Highway 550 was covered up to 7 feet deep on the centerline over a distance of 375 feet. Road closures totaled 5 hours and 18 minutes.

COZ007

DeBeque To Silt Corridor

12	2100MST	0	0		Heavy Snow
13	0400MST				

A series of disturbances embedded in a moist southwest flow brought a lengthy period of storminess and snowfall to much of the lower elevation areas in west central Colorado. Widespread snow accumulations of 6 to 10 inches were measured along the Interstate 70 corridor from DeBeque Canyon to Rifle and Silt. Travel was greatly hampered by the snowfall and resulted in numerous vehicle accidents.

Storm Data and Unusual Weather Phenomena

March 2006

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, West</u>									
COZ008			Central Colorado River Basin						
	12	2100MST			0	0			Winter Weather
	13	0400MST							
	A moist Pacific low pressure system produced widespread snowfall of 3 to 6 inches with local amounts up to 9 inches in the Glenwood Springs area. The snowfall created hazardous driving conditions that resulted in numerous vehicle accidents.								
COZ005			Upper Yampa River Basin						
	12	2100MST			0	0			Winter Weather
	13	0600MST							
	A moist Pacific low pressure system produced 5 to 7 inches of snowfall across the Upper Yampa River Basin.								
COZ018>019			Northwestern San Juan Mountains - Southwestern San Juan Mountains						
	14	1040MST			0	0			Avalanche
		1640MST							
	Avalanche mitigation resulted in 3 slides which hit roadways and covered the highway centerlines with up to 4 feet of debris over a distance of 150 feet. Road closures totaled 3 hours and 20 minutes.								
COZ010-012-018>019			Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Northwestern San Juan Mountains - Southwestern San Juan Mountains						
	17	1800MST			0	0			Winter Weather
	19	1500MST							
	A Pacific low pressure system moved across western Colorado and produced widespread snowfall of 5 to 12 inches across most southern and central mountains of western Colorado. Locally higher amounts were reported in the western San Juan Mountains and included 21 inches at the Silverton Mountain Ski Area, 19 inches at Red Mountain Pass, and 13 inches at the Telluride Ski Area.								
COZ018>019			Northwestern San Juan Mountains - Southwestern San Juan Mountains						
	18	1200MST			0	0			Avalanche
		1600MST							
	A number of natural avalanches deposited debris on roadways. Avalanche mitigation also resulted in several manmade slides hitting roadways. Debris up to 5 feet deep covered the highway centerlines for a distance of 435 feet from the combined natural and manmade slides. Road closures totaled 45 minutes.								
COZ023			San Juan River Basin						
	19	0000MST			0	0			Winter Weather
		1200MST							
	A Pacific low pressure system produced 3 to 4 inches of snow across some of the high valleys of southwest Colorado.								
COZ019			Southwestern San Juan Mountains						
	20	0930MST			0	0			Avalanche
		0935MST							
	A natural avalanche in the King Mine slide path deposited debris 1 to 7 feet deep over a distance of 200 feet on the centerline of Highway 550.								
COZ010-012-017-019			Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Uncompahgre Plateau And Dallas Divide - Southwestern San Juan Mountains						
	20	1200MST			0	0			Winter Weather
	22	0800MST							
	A low pressure system produced widespread snowfall of 5 to 10 inches with local amounts up to 15 inches across many central and southern mountain areas of western Colorado.								
COZ022			Animas River Basin						
	21	1900MST			0	0			Winter Weather
	22	0900MST							
	A low pressure system produced 2 to 5 inches of snow across the Animas River Basin, including the towns of Durango, Bayfield, Ignacio, and Hesperus.								
COZ023			San Juan River Basin						
	21	2000MST			0	0			Heavy Snow
	22	0900MST							
	A low pressure system produced 5 to 8 inches of snow across the San Juan River Basin, including the towns of Pagosa Springs, Chromo, and Arboles.								
COZ019			Southwestern San Juan Mountains						
	23	1330MST			0	0			Avalanche
		1400MST							
	A natural avalanche covered the centerline of a highway near Silverton with 2 feet of snow for a distance of 30 feet.								
COZ004-013			Elkhead And Park Mountains - Flattop Mountains						
	25	1000MST			0	0			Winter Weather
	26	2000MST							
	A fast moving storm system produced 5 to 10 inches of snow across the northern mountains of western Colorado. Sustained winds								

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

of 25 to 35 mph buffeted the area and created blowing and drifting snow. Winds gusted as high as 57 and 77 mph at Storm King Mountain and Storm Peak Lab, respectively.

COZ009-018>019 Grand And Battlement Mesas - Northwestern San Juan Mountains - Southwestern San Juan Mountains
28 1600MST 0 0 Winter Storm
30 1000MST

A strong spring storm system moved across the Four Corners area and produced heavy snow and strong winds across many mountains of west central and southwest Colorado. Local wind gusts as high as 66 mph were clocked near Red Mountain Pass in the San Juan Mountains, while wind gusts of 20 to 35 mph were common throughout the central and southern mountains. Widespread snowfall amounts of 1 to 2 feet blanketed the area, and blowing and drifting snow was common. The Silverton Mountain Ski Area reported a total snowfall of 30 inches.

COZ004-010-012>013 Elkhead And Park Mountains - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Flattop Mountains
28 2000MST 0 0 Winter Weather
30 1300MST

A spring storm system produced widespread snowfall of 5 to 12 inches across much of the central and northern mountains of western Colorado. 5 to 12 inches of new snow was widespread. Locally heavier amounts were measured, including 16 inches at McClure Pass. Frequent wind gusts of 20 to 35 mph with locally higher gusts up to 53 mph caused blowing and drifting snow.

COZ018>019 Northwestern San Juan Mountains - Southwestern San Juan Mountains
29 0330MST 0 0 Avalanche
0530MST

Natural avalanches deposited snow 3 feet deep for a distance of 50 feet on Highway 550. Avalanche mitigation procedures caused several other slides which resulted in snow covering portions of the highway. Highway 550 was closed for two hours while road crews cleared the debris.

COZ018>019 Northwestern San Juan Mountains - Southwestern San Juan Mountains
30 0908MST 0 0 Avalanche
1400MST

Avalanche mitigation resulted in a number of slides onto Highway 550 over the San Juan Mountains. The centerline of the highway was covered with up to 6 feet of snow for a combined distance of 130 feet by the slides. The highway was closed for 2 hours and 22 minutes while debris was cleared.

COZ019 Southwestern San Juan Mountains
30 0940MST 0 0 Avalanche
1625MST

One natural avalanche and several manmade avalanches resulted in debris being deposited on Highway 550. The natural avalanche hit the inside lane of the highway, while the manmade slides covered the centerline of the highway with up to 4 feet of snow for a combined distance of 500 feet. The highway was closed for a total of 4 hours and 55 minutes.

COZ009>010-012-018>019 Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Northwestern San Juan Mountains - Southwestern San Juan Mountains
31 1700MST 0 0 Winter Weather
2359MST

A spring storm system struck western Colorado at the end of March and continued into early April. Widespread snow accumulations of 5 to 12 inches were measured across the central and southern mountains of western Colorado. Please see the April 2006 Storm Data publication for a continuation on this event.

CONNECTICUT, Northeast

NONE REPORTED.

CONNECTICUT, Northwest

NONE REPORTED.

CONNECTICUT, Southern

CTZ005>012 Northern Fairfield - Northern New Haven - Northern Middlesex - Northern New London - Southern Fairfield - Southern New Haven - Southern Middlesex - Southern New London
02 1700EST 0 0 Winter Storm
1800EST

A low pressure system emerged from the Ohio Valley Thursday morning, March 2, and tracked off the northern Middle Atlantic Coast during the afternoon and evening hours. This storm moved south and east of New York City. Snow broke out across Southern Connecticut around 9 am and tapered off between 6 and 8 pm. Snowfall totals ranged from 4 to 6 inches with the exception of New London County, where 5 to 7 inches fell. During the early afternoon hours the snow mixed with sleet and freezing drizzle. This event had a high impact as the heaviest snow fell during the evening commute, especially across the southeast part of the state. Many traffic accidents were reported across the region.

Storm Data and Unusual Weather Phenomena

March 2006

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

CONNECTICUT, Southern

Here are selected snowfall amounts for:

Fairfield County - Stamford 5.3 inches, Bridgeport 4.5 inches
 New Haven County - Guildford 6.0 inches, North Branford and Seymour 5.5 inches, New Haven and Waterbury 5.0 inches
 Middlesex County - Old Saybrook 5.0 inches
 New London County - Lisbon 7.2 inches, Colchester 6.5 inches, Norwich 6.0 inches.

DELAWARE

DEZ001

New Castle

02	0600EST								
	0800EST	0	0						Winter Weather

A quick moving low pressure system that moved through the Ohio Valley overnight on the first and reformed along the Middle Atlantic coast on the second caused pockets of light freezing rain and sleet to fall across northern parts of New Castle County during the morning commute on the second. No serious accidents were reported. Precipitation started as a mix of sleet, freezing rain and rain around 6 a.m. EST on the second and changed to plain rain in all areas by 9 a.m. EST that morning.

DEZ001>004

New Castle - Kent - Inland Sussex - Delaware Beaches

14	1000EST								
	1700EST	0	0		5K				Strong Wind

A strong cold front moved through Delaware during the morning of the 14th. Gusty west winds followed in the wake of the front during the rest of the daytime hours. The gusty winds and unseasonably dry weather also helped wildfires spread quicker. Peak wind gusts averaged around 45 mph and included 41 mph at the New Castle County Airport.

DEZ003

Inland Sussex

14	1200EST								
	1600EST	0	0		5K				Wildfire

A wildfire consumed about 1,280 acres of fields and woods, seven structures and injured four firefighters in Cedar Creek Hundred. The fire began when sparks from a torch being used to dismantle vacant house trailers ignited nearby combustibles. The strong west winds and the unseasonably dry weather conditions helped spread the fire quickly. The fire occurred on Benson Road (Sussex County Route 224). Twenty fire companies battled the blaze and came from as far north as Smyrna and as far south as Millville. In all about 200 firefighters battled the blaze. Three fire fighters suffered smoke inhalation and another suffered dehydration and exhaustion. Smoke from the fire was visible from as far north as Milford. All six vacant house trailers and a vacant two story home were destroyed. The flames also melted the siding of one occupied home. It took over three hours to contain the fire. Two smaller wildfires occurred on the 14th in Sussex County. One occurred between Seaford and Bridgeville and the second was also near the Benson Road fire. The unseasonably dry weather led to a statewide burning ban being declared on the 15th in Delaware. Only charcoal and gas grills were excluded from this ban.

DEZ001>004

New Castle - Kent - Inland Sussex - Delaware Beaches

15	0700EST								
	1800EST	0	0		5K				Strong Wind

The strong pressure gradient (difference) between a low pressure system in the Gulf of Saint Lawrence and a high pressure system building northeast from the lower Mississippi Valley produced gusty west to northwest winds during the daytime hours on the 15th in Delaware. This was the second successive day of strong gusty winds. Peak wind gusts averaged 45 to 50 mph and included 52 mph in Lewes (Sussex County) and 43 mph at the New Castle County Airport.

DEZ003

Inland Sussex

22	1200EST								
	2000EST	0	0						Wildfire

A wildfire consumed more than 70 acres of woodland and brush near Millsboro. Gusty northwest winds up to 35 mph and unseasonably dry weather helped spread the fire quickly. Every Sussex County firefighter that could be spared from their station assisted in battling the blaze, over 150 firefighters in all from over 24 fire companies helped. The fire started near Mount Joy and Cannon Roads near Millsboro. The northwest winds fortunately blew the fire away from homes. Mount Joy Road was closed from Maryland Camp Road to the Route 24 intersection through the evening until the fire was under control.

The unseasonably dry and normally windy weather in March has led to a 20 percent increase of wildfires from 2005 in Sussex County. The unseasonably dry weather was also hurting the growth of wheat and barley crops. They were only about one-third of their normal height by the end of the month.

March 2006 was the driest March on record (112 years) in Delaware. The statewide average precipitation was 0.30 inches, 4.04 inches drier than normal. March 2006 was the driest March on record at the New Castle County Airport as only 0.29 inches of precipitation fell, 3.68 inches drier than normal. Downstate conditions were not better. In Georgetown, the March monthly precipitation total was 0.31 inches; which was 4.26 inches drier than normal.

DISTRICT OF COLUMBIA

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

March 2006

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

NONE REPORTED.

FLORIDA, Extreme Southern

NOT RECEIVED.

FLORIDA, Northeastern

NONE REPORTED.

FLORIDA, Northwest

Holmes County

Izagara	21	0620EST			0	0	10K		Thunderstorm Wind (G55)
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One home sustained partial roof damage. Some small trees were snapped. Reported by the Holmes County EMA.

Holmes County

Bethlehem	21	0625EST			0	0	50K		Thunderstorm Wind (G55)
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One home received minor damage around the Bethlehem Church Road area. A water pump was damaged. There was roof damage to a barn. Several trees were toppled. Reported by the Holmes County EMA.

FLORIDA, Southern

Broward County

Coral Spgs	23	1505EST			0	0			Funnel Cloud
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Broward County

12 NW (Fl) Ft Laudrdl	23	1510EST	1	50	0	0			Tornado (F0)
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A funnel cloud was spotted by Coral Springs PD in the vicinity of 10100 Atlantic Blvd moving southeast. Five minutes later, a pilot reported a tornado 12 miles northwest of Fort Lauderdale International Airport (FLL), in the vicinity or just west of Coral Springs. The tornado was likely very short lived since no later reports of a touchdown were received. At 3:15 PM, a spotter observed three funnel clouds from Atlantic Blvd and Highway 441 in Pompano Beach looking west, which would have placed the funnel clouds over Margate/Coral Springs area.

Broward County

Coral Spgs to Margate	23	1515EST			0	0			Funnel Cloud
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Broward County

Coral Spgs	23	1505EST 1535EST			0	0			Flood
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Coral Springs PD reported flooding in the 4800 block of NW 115 Avenue, with flooding to the door of one home.

Broward County

Coral Spgs	23	1509EST			0	0			Thunderstorm Wind (G60)
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NWS survey indicated large tree limbs down on both sides of Atlantic Blvd and Coral Ridge Drive in Coral Springs.

Broward County

Coral Spgs	23	1510EST			0	0			Thunderstorm Wind (G60)
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Coral Springs PD reported downed power lines at Sawgrass Expressway and Atlantic Boulevard.

FLORIDA, West Central

NONE REPORTED.

FLORIDA, West Panhandle

NONE REPORTED.

GEORGIA, East Central

NONE REPORTED.

GEORGIA, Lower

Atkinson County

5 S Pearson	14	1026EST			0	0			Thunderstorm Wind (G55)
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A garage roof collapsed on top of a car just south of Pearson.

Atkinson County

5 S Pearson	14	1035EST			0	0			Thunderstorm Wind (G55)
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Thunderstorm winds ripped siding off of a home located along highway 441, south of Pearson. Another home in the area sustained minor roof damage from the thunderstorm winds.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

Floyd County

Rome 09 2012EST 0 0 2.5K **Thunderstorm Wind (G39)**
 A storm spotter reported that a tree was blown down onto a mobile home in the Pine Village Mobile Home Park.

Troup County

**1 N West Pt to
3 N Baughs
Crossroads** 20 2035EST
2122EST 0 0 1K **Thunderstorm Wind (G39)**

The Georgia Highway Department reported three trees were blown down in scattered locations about the county. One tree was down on Interstate-85 one mile north of West Point, another on Interstate-85 near Perkins Road, and a third tree was down on Georgia Highway 219 north of Smith's Crossroads.

Harris County

**3 E Whitesville to
1 N Cataula** 20 2040EST
2101EST 0 0 3K **Thunderstorm Wind (G50)**

The local Electric Membership Cooperative reported that a number of trees were down in the area as well as a few power poles. The Harris County 911 Center reported that several trees were down on U.S. Highway 27 one mile north of Cataula.

Meriwether County

5 ENE Greenville 20 2101EST 0 0 0.25K **Thunderstorm Wind (G34)**

The Meriether County Emergency Management Director reported that one tree was blown down about halfway between Greenville and Gay.

Muscogee County

**Columbus to
5 S Upatoi** 20 2117EST
2143EST 0 0 25K **Thunderstorm Wind (G50)**

The Muscogee County Emergency Management Director reported that a number of large trees, several power lines, and even some traffic signals were down, especially in the city of Columbus. A couple of trees and power lines were also down on homes causing minor damage.

Chattahoochee County

**Ft Benning to
5 SW Cusseta** 20 2124EST
2130EST 0 0 1.5K **Thunderstorm Wind (G51)**

The Fort Benning automated weather observation station measured a wind gust of 51 knots or 59 mph at 924 pm EST. Shortly thereafter, a number of trees were blown down five miles southwest of Cusseta. A damage survey conducted by the National Weather Service confirmed that the damage was not caused by a tornado.

Muscogee County

Columbus 20 2127EST 0 0 **Hail (0.75)**

The public reported penny-sized hail.

Chattahoochee County

Cusseta 20 2140EST 0 0 **Hail (1.75)**

The Chattahoochee County Emergency Management Director observed golf ball-sized hail at his home.

Marion County

**3 N Brantley to
Buena Vista** 20 2148EST
2150EST 0 0 **Hail (0.75)**

The Marion County 911 Center reported penny-sized hail.

Marion County

5 S Buena Vista 20 2150EST 0 0 1K **Thunderstorm Wind (G52)**

A damage survey conducted by the National Weather Service concluded that straight-line winds and not a tornado blew down several trees and caused damage to a barn or shed on Mill Pond Road (County Road 102) just off Georgia Highway 41 five miles south of Buena Vista.

Taylor County

Mauk 20 2210EST 0 0 **Hail (0.75)**

Penny-sized hail was observed at the Mauk Post Office.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

Fulton County

2 E Alpharetta

21

**0009EST
0800EST**

0

0

0.25K

Flash Flood

The river gage on Big Creek near Alpharetta recorded a stage of 7.0 feet at 12:07 am EST and had reached 7.1 feet by 12:30 am EST. Flood stage is 7.0 feet. The river crested near 8.2 feet at 5:00 am EST and then fell below flood stage on the 22nd at 1258 pm EST. Minor flooding along Big Creek occurred between Alpharetta and Roswell in North Fulton county. The flooding affects the Alpharetta Greenway and about 200 feet of the Greenway had to be closed. Water also begins to encroach into the park downstream of the gage near Roswell along Georgia Highway 9 and Riverside Road. Only minor debris cleanup was required in this situation.

Jones County

Northwest Portion

21

**0624EST
1100EST**

0

0

0.10K

Flash Flood

The river gage on Falling Creek in far northwest Jones county about three miles east of East Juliette and the Monroe county border recorded rose above the flood stage of 13.0 feet at 624 am EST and crested at 15.3 feet at 430 pm EST. Being that the area is largely rural, damage was confined to mainly minor debris cleanup.

GEORGIA, Northeast

NONE REPORTED.

GEORGIA, Southeast

NONE REPORTED.

GEORGIA, Southwest

Colquitt County

4 N Ellenton

14

0900EST

0

0

5K

Thunderstorm Wind (G60)

An unoccupied mobile home was flipped over. Several trees were blown down. Reported by the Colquitt County EMA.

Grady County

3 NE Cairo

21

**0820EST
0821EST**

0

0

25K

Thunderstorm Wind (G60)

A microburst blew down numerous trees and some power lines from near the intersection of Robert Willis and Harper Roads east to Brumbley Creek (north of State Road 188). One home on Harper Road lost part of its roof. Damage survey conducted by the NWS Tallahassee WCM.

GULF OF MEXICO

Matagorda Bay

Palacios

28

1331CST

0

0

Marine Tstm Wind

Measured at PSX ASOS.

HAWAII

Honolulu County

Kahuku to

Kahaluu

01

1045HST

0

0

Flash Flood

Heavy showers and thunderstorms in windward sections of Oahu caused landslides and flooding along Kamehameha Highway near Kualoa Point. The highway was closed there for a time, and near Waikane as well. Several homes in the area were also flooded. There were no serious injuries. Damage estimates were not available.

Honolulu County

Kahuku to

Kahaluu

02

**0536HST
2202HST**

0

0

Flash Flood

Heavy rain and isolated thunderstorms flooded Kamehameha Highway near Waikane, closing the roadway for a time. Scores of homes were flooded in windward sections of Oahu. Several schools were forced to close because of the wet conditions. Damage estimates were not available. No serious injuries were reported.

Honolulu County

Punaluu to

Waimanalo

03

**0415HST
1230HST**

0

0

Flash Flood

Heavy showers and isolated thunderstorms in windward sections of Oahu caused a rockslide on the Kailua-bound lanes of the Pali Highway. The roadway was closed for several hours as highway workers cleared the debris. There were no reports of serious injuries or property damage.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>HAWAII</u>									
Honolulu County									
Kahuku to Kahaluu	08	1900HST 2331HST			0	0			Flash Flood
Heavy rain and isolated thunderstorms produced flash flooding conditions in windward areas of Oahu. Several roads in and around the community of Hauula were closed by heavy ponding. Also, a few streams in the area overflowed their banks, most particularly the Maakua Stream. There were no reports of serious property damage or injuries.									
Hawaii County									
Laupahoehoe to Naalehu	09	0600HST 1544HST			0	0			Flash Flood
Heavy rain in eastern parts of the Big Island of Hawaii caused heavy ponding along parts of Bayfront Highway and Kamehameha Avenue in Hilo, closing the roadways for a time. No serious injuries or property damage were reported.									
Kauai County									
9.5 WSW Hanalei to Wailua	09 10	1545HST 0000HST			0	0			Flash Flood
Heavy showers and isolated thunderstorms over northern parts of Kauai caused the Hanalei River to overflow its banks near the Hanalei Bridge. This forced the closure of Kuhio Highway until the river returned to its normal course. No serious property damage or injuries were reported.									
Kauai County									
4 WNW Hanalei to Lihue	10	0730HST 1316HST			0	0			Flash Flood
Kuhio Highway near the Hanalei Bridge was closed for a time as the Hanalei River again overflowed its banks. Heavy showers and isolated thunderstorms had been impacting the northern and eastern parts of Kauai. There were no reports of serious property damage or injuries.									
HIZ006									
Waianae Coast	12	1300HST 1305HST			0	2			Strong Wind
Strong winds in western areas of Oahu toppled 12 utility poles, which may have had termite damage, along several blocks of Farrington Highway in Nanakuli. The poles damaged 17 vehicles. A woman and child in one of the cars were injured slightly. Damage estimates were not available.									
Kauai County									
4 WNW Hanalei to Kalaheo	13 14	2150HST 1005HST			7	0			Flash Flood
Flash flooding initially occurred over northern and eastern parts of Kauai along Kuhio Highway, as heavy showers and isolated thunderstorms forced the Hanalei River over its banks near the Hanalei Bridge.									
A much more serious event occurred hours later, at about 0545 HST on the 14th. With the excessive rainfall, a breach occurred in the Kaloko Reservoir in the northeast section of Kauai. The water rushed downhill toward Kilauea Bay and cut a 100-yard swath in Kuhio Highway near the town of Kilauea. The deluge also swept away two homes occupied by seven individuals. All seven people were killed by the flood waters, including a 2-year-old boy. Property damage estimates were unavailable. M21W, F221W, F241W, M301W, M331W, M371W, M491W									
Kauai County									
9.5 WSW Hanalei to Hanapepe	15	0145HST 0844HST			0	0			Flash Flood
Heavy rain and isolated thunderstorms impacted the eastern two thirds of Kauai. The Hanapepe River overflowed its banks and flooded Kamalu Road in Wailua Homestead near the ballpark. However, there were no reports of serious injuries or property damage.									
Hawaii County									
5 N Pahala to Naalehu	15	0323HST 1301HST			0	0			Flash Flood
Heavy showers and thunderstorms flooded a section of Highway 11, Hawaii Belt Road, near Kawa Flats in the Kau District on the Big Island of Hawaii. No significant property damage or injuries were reported.									

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

HIZ028

Big Island Summit

16 0500HST

0 0

Winter Storm

17 0336HST

Snow accumulated to as much as 12 inches in less than a 12-hour period on the summits of Mauna Kea and Mauna Loa on the Big Island of Hawaii. Winds caused 4-foot snow drifts in some areas, and ice was reported as thick as 6 inches on roads. There were no reports of serious property damage or injuries, however.

Kauai County 2.5 W Hanalei to Kekaha

16 0815HST
2040HST

0 0

Flash Flood

Heavy rain, showers and isolated thunderstorms affected the eastern two thirds of Kauai. Flash flooding in Kekaha closed the Wahiawa Bridge and Lower Waha Road for much of the day on the 16th. There were no reports of serious injuries or property damage.

Kauai County Countywide

17 0900HST
1405HST

0 0

Flash Flood

Heavy showers and thunderstorms over the isle of Kauai flooded part of Highway 552 that leads to Kokee State Park in the northwest part of the island. No serious injuries or property damage were reported.

Hawaii County Kawaihae to 7 E Waikoloa Village

18 1906HST
2110HST

0 0

Flash Flood

Heavy rain over the west side of the Big Island of Hawaii, in the South Kohala District south of Kamuela, caused flooding near Saddle Road Junction. There were no reports of serious property damage or injuries.

Hawaii County Pepeekeo to 7 SSW Pahala

19 0655HST
1245HST

0 0

Flash Flood

Highway 11, the Hawaii Belt Road, was again flooded near Kawa Flats in the Kau District on the Big Island of Hawaii. Heavy showers and isolated thunderstorms had inundated eastern and southeastern parts of the isle. However, no serious injuries or property damage were reported.

Honolulu County Countywide

19 0940HST
1400HST

0 0

Flash Flood

Heavy downpours occurred across the island of Oahu on the 19th. Flash flooding closed Waipahu Depot Road in Waipahu for a time as showers and thunderstorms moved through the southeast parts of the isle. No serious property damage or injuries were reported.

Honolulu County Nanakuli to Hawaii Kai

22 0145HST
0425HST

0 0

Flash Flood

Heavy rain, showers, and isolated thunderstorms impacted the southern parts of Oahu. In Makiki, the Maunalaha Stream overflowed its banks and forced one family to evacuate their residence along Maunalaha Road. However, no serious injuries or property damage were reported.

Maui County Maunaloa to Kalaupapa

23 0746HST
1019HST

0 0

Flash Flood

Heavy showers and isolated thunderstorms moved through the western half of Molokai. Ponding on roadways was commonplace, as was drainage ditch and small stream flooding. Flooding in Kaunakakai caused damage to a bakery. There were no reports of serious injuries. Damage estimates were not available.

Maui County Kaunapau Harbor

23 2135HST
2140HST

1 20

0 0

Tornado (F0)

A small tornado moved through Kaunapau Harbor on Lanai. The tornado flipped over a construction trailer and carried it for about ten feet, damaged an adjacent small building, and snapped a power pole. Damage estimates, however, were not available. No serious injuries were reported.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>HAWAII</u>									
Maui County									
Lahaina to Wailuku	23 24	2330HST 0303HST			0	0			Flash Flood
Honoapiilani Highway in Lahaina, near Kekaa Drive, was closed for a time by flood waters from heavy showers that were moving through West Maui. The rain affected communities from Lahaina across the West Maui Mountains to Wailuku. There were no reports of serious property damage or injuries.									
Hawaii County									
Kealakekua	24	0935HST 0950HST			0	0			Hail (1.00)
Law enforcement personnel and a bank employee in Kealakekua, a town just north of Captain Cook in the South Kona District on the Big Island of Hawaii, reported quarter-sized hail from a passing thunderstorm. No serious injuries or property damage were reported.									
Hawaii County									
3 SE Mountain View	24	1625HST 1635HST			0	0			Hail (0.90)
A member of the general public reported hail nearly an inch in diameter with a thunderstorm. However, no serious property damage or injuries were reported.									
Honolulu County									
Aiea to Aina Haina	24	1945HST 2245HST			0	0			Flash Flood
Heavy showers and isolated thunderstorms mainly impacted the south-central and southeast sections of Oahu. The Makiki Stream overflowed its banks near Fern Street in the McCully area because of the heavy downpour. No serious injuries or property damage were reported, however.									
Maui County									
2 W Haiku	25	1650HST 1655HST	1	10	0	0	0		Tornado (F0)
A tornado was spotted west of Haiku on the island of Maui. The funnel was on the ground for only a short time and lifted without causing any significant damage or injuries.									
Kauai County									
Anahola to Hanapepe	26	0450HST 0900HST			0	0			Flash Flood
Heavy rain and showers in eastern and southern areas of Kauai produced flooding conditions. Sections of Kuhio Highway between Anahola and Lihue became inundated, especially parts of the roadway near Kealia. There were no reports of serious property damage or injuries.									
Kauai County									
Countywide	27	0540HST 1040HST			0	0			Flash Flood
The Hanalei River overflowed its banks near the Hanalei Bridge, again closing Kuhio Highway in that area. Heavy rain and thunderstorms were moving through the isle for much of the morning, causing the river to quickly rise. There were no reports of serious injuries or property damage.									
Maui County									
Wailea to Kahului	27	1000HST 1025HST			0	0			Thunderstorm Wind (G50)
A thunderstorm toppled trees in Wailea and Kula, and downed power lines in Kahului, on the island of Maui. An emergency manager estimated wind gusts to at least 50 knots with the storm. There were no serious injuries; damage estimates were not available.									
HIZ028									
Big Island Summit	29 30	2330HST 1000HST			0	0			Winter Weather
Blowing snow, 1-foot snow drifts, and icy road conditions made travel to the summits of Mauna Kea and Mauna Loa very treacherous on the morning of the 30th. However, no serious injuries or property damage were reported.									

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

Waianae to
Honolulu

30	1300HST 1352HST				0	0			Flash Flood
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Heavy showers in western and southern areas of Oahu resulted in flash flooding conditions. Water became as deep as three feet in parts of Mapunapuna, and deep ponding occurred along sections of Nimitz Highway and Ala Moana Boulevard. No serious property damage or injuries were reported.

Honolulu County

Pearl City to
Kaneohe

31	1230HST 1549HST				0	0			Flash Flood
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The Makiki Stream overflowed near Fern Street and Moku Place, as heavy showers and thunderstorms impacted central and eastern parts of Oahu. This affected several homes in the area. Flash flooding occurred at the Kahala Mall as well, closing the shopping center for several days. No serious injuries were reported. Damage estimates were not available.

Maui County

Kahakuloa to
Wailuku

31	1615HST 1647HST				0	0			Flash Flood
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Heavy showers in windward West Maui produced flooding conditions from Kahakuloa to Wailuku. A business on Wilipaa Loop in Wailuku suffered water damage from localized flooding in that area. Damage estimates were not available. No serious injuries were reported.

HAWAII WATERS

Oahu Windward

Waters

.5 N Kaneohe

21	1555HST 1605HST				0	0			Waterspout
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A waterspout was sighted north of Marine Corps Base Hawaii on the island of Oahu in the afternoon of the 21st. It persisted for about 10 minutes and dissipated without incident.

Big Island Leeward

Waters

1 W Captain Cook

24	0930HST 0940HST				0	0			Marine Tstm Wind
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A mariner reported dime-sized hail and wind gusts near 50 knots with a thunderstorm. This occurred in adjacent coastal waters west of Captain Cook on the Big Island of Hawaii. There were no reports of serious property damage or injuries.

Maui County

Windward Waters

10 NE Kahului

25	1700HST 1710HST				0	0			Waterspout
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A waterspout was spotted around 3 miles north of Haiku on the island of Maui, or 10 miles northeast of Kahului. The waterspout dissipated quickly without incident. This feature was likely a regeneration of a tornado that had touched down west of Haiku about 1650 HST on the 25th.

IDAHO, Extreme Southeast

NONE REPORTED.

IDAHO, North

IDZ005>006

Northern Clearwater Mountains - Southern Clearwater Mountains

08	1000MST				0	0			Winter Storm
09	1000MST								

A potent spring storm brought 8 to 12 inches of snow to the Clearwater Mountains of Central Idaho. Widespread winds gusting to 40 to 50 mph accompanied the storm.

IDZ007

Orofino / Grangeville Region

14	1600PST				0	0			Heavy Snow
15	0100PST								

A spring storm brought 6 to 9 inches of new snow from Grangeville to Cottonwood Idaho.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
IDAHO, Northwest									
IDZ001-004			Northern Panhandle - Central Panhandle Mountains						
	08	1300PST			0	0			Winter Storm
	09	0300PST							
	A moist Pacific weather system with gusty winds occurred through north central Idaho. Snowfall amounts from this system included 11 inches at Lookout Pass, and 9 inches at Schweitzer and Silver Mountain. Several hundred customers on the east and west side of Priest Lake lost power due to downed power lines.								
IDZ003			Idaho Palouse						
	08	1900PST			0	0	2K		Strong Wind
		2330PST							
	An estimated wind gust of 55 MPH blew down a tree on the front yard of a resident's property in Moscow, and downed several tree branches throughout Latah County. A combination of strong winds and slick roadways also contributed to more than 20 traffic accidents mainly in the Genesee Hill area and directly north of Moscow. Several hundred customers lost power in the cities of Moscow and Plummer. The property damage from this event is estimated at \$2,000.								
IDZ004			Central Panhandle Mountains						
	09	1600PST			0	0			Winter Weather
	10	0800PST							
	Occasional snow showers led to slick roadways and several accidents on Interstate 90 in both eastbound and westbound lanes between Osburn and Wallace. No injuries were reported from the accidents.								
IDZ001			Northern Panhandle						
	09	1800PST			0	0			Heavy Snow
	10	0000PST							
	An unstable atmosphere contributed to locally heavy snow showers across north central Idaho. Snowfall amounts included 8-12 inches at Sagle, 6.5 inches at Sandpoint, and 5 inches at Priest River.								
IDZ004			Central Panhandle Mountains						
	14	2200PST			0	0			Heavy Snow
	15	0800PST							
	Heavy snow fell in the city of Kellogg, where 4.5 inches of accumulation was observed.								
IDAHO, Southeast									
IDZ022			South Central Highlands						
	18	2200MST			0	0			Heavy Snow
	20	0100MST							
	A late season winter storm affected the South Central Highlands. Snow amounts of a foot were reported 8 miles southeast of Burley and 3 miles south of Oakley. 9 miles fell at Howell Canyon and 8 inches fell at Pomerelle Ski Resort.								
Minidoka County Countywide	25	1845MST 1915MST			0	0	240K		Thunderstorm Wind (G56)
	Extensive damage in Minidoka County from thunderstorm winds ahead of a cold front. A tree fell on a house in Rupert. A tree fell on a car in Minidoka. A roof was blown off a building in Rupert. Extensive power outages reported throughout the county. A measured wind gust of 64 mph reported in Minidoka.								
Lincoln County Shoshone	25	1848MST 1900MST			0	0			Thunderstorm Wind (G65)
	Power lines downed on cars in Shoshone.								
Power County 10 NW American Falls	25	1850MST 1915MST			0	0	75K		Thunderstorm Wind (G60)
	20 power poles knocked down in Pleasant Valley area.								
Cassia County Central Portion	25	1855MST 1900MST			0	0			Thunderstorm Wind (G50)
Bingham County Countywide	25	1859MST 1915MST			0	0	150K		Thunderstorm Wind (G60)
	Several power lines knocked down in the Pleasant Valley area of southwest Bingham County.								
Cassia County Oakley	25	1905MST 1915MST			0	0	43K		Thunderstorm Wind (G60)
	Several trees reported downed in Oakley.								

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
IDAHO, Southeast									
Power County									
Quigley	25	1905MST 1915MST			0	0			Thunderstorm Wind (G64)
Butte County									
Central Portion	25	1915MST 1920MST			0	0			Thunderstorm Wind (G59)
Power County									
Pocatello Arpt	25	1929MST 1936MST			0	0			Thunderstorm Wind (G59)
Bingham County									
Aberdeen	25	1930MST 1940MST			0	0	10K		Thunderstorm Wind (G56)
			Several power poles knocked down.						
Butte County									
25 SW Arco	25	1930MST			0	0			Thunderstorm Wind (G64)
			74 mph wind gust at Craters of the Moon						
Bingham County									
Blackfoot	25	1930MST 1950MST			0	0			Thunderstorm Wind (G65)
			14-20 homes damaged in Blackfoot. Widespread power outages and numerous large trees downed.						
Bannock County									
Pocatello	25	1935MST 1945MST			0	0	40K		Thunderstorm Wind (G61)
			Air conditioner blown off roof and power lines down on 12th street in Pocatello.						
Bingham County									
Ft Hall	25	1935MST 1940MST			0	0			Thunderstorm Wind (G63)
Butte County									
30 SE Arco	25	1935MST 1945MST			0	0			Thunderstorm Wind (G61)
Cassia County									
30 E Burley	25	1935MST 1945MST			0	0			Thunderstorm Wind (G52)
			60 mph wind gust at Raft River.						
Bingham County									
Pingree	25	1940MST 2010MST			0	0	30K		Thunderstorm Wind (G60)
			Numerous shingles blown off houses. 3 large trees downed and power outage in the city of Pingree.						
Butte County									
30 SE Arco	25	1945MST 1955MST			0	0			Thunderstorm Wind (G61)
Bannock County									
Pocatello	25	1945MST 2000MST			0	0	10K		Thunderstorm Wind (G65)
			Power lines and transformers blown down and out in Pocatello. Power outages extensive throughout the city.						
Bingham County									
Ft Hall	25	1950MST 2010MST			0	0			Thunderstorm Wind (G52)
Power County									
American Falls	25	1952MST 2010MST			0	0	70K		Thunderstorm Wind (G52)
			Several downed power lines in American Falls with power outages. Power line downed onto route 37 closed the road.						
Bingham County									
Taber	25	1955MST 2005MST			0	0			Thunderstorm Wind (G60)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IDAHO, Southeast									
Bingham County									
Blackfoot	25	1958MST 2010MST	2	200	0	0	210K		Tornado (F0)
									F0 tornado touched down in the southeastern part of Blackfoot near Robertson Street and moved up University and Schilling Streets before lifting near the State Fairgrounds. Four trees downed at St Paul's Episcopal Church on Schilling Street. Windows at private residence on Schilling Street shattered and house severely damaged by felled tree.
Bingham County									
Blackfoot	25	2000MST 2015MST			0	0	10K		Thunderstorm Wind (G53)
									Widespread power outages in Blackfoot.
Bingham County									
Atomic City	25	2000MST 2015MST			0	0			Thunderstorm Wind (G50)
Power County									
Michaud	25	2003MST 2015MST			0	0	30K		Thunderstorm Wind (G50)
									Windows blown in houses and power lines downed.
Cassia County									
25 SE (77M)Malta	25	2005MST 2015MST			0	0			Thunderstorm Wind (G65)
Bingham County									
Blackfoot	25	2008MST 2030MST			0	0	60K		Thunderstorm Wind (G52)
									Extensive reports of trees downed in city of Blackfoot. Fences torn down in neighborhoods with debris causing damage.
Bingham County									
20 S Atomic City	25	2010MST			0	0			Thunderstorm Wind (G50)
Bonneville County									
Central Portion	25	2015MST 2025MST			0	0			Thunderstorm Wind (G55)
Bingham County									
Rockford	25	2020MST 2030MST			0	0			Thunderstorm Wind (G52)
Bonneville County									
Idaho Falls	25	2020MST 2030MST			0	0			Thunderstorm Wind (G51)
Bingham County									
Ft Hall	25	2030MST 2040MST			0	0	10K		Thunderstorm Wind (G60)
									Several trees downed in Fort Hall.
Bingham County									
Shelley	25	2035MST 2045MST			0	0			Thunderstorm Wind (G50)
									Power outages throughout Shelley.
Blaine County									
10 S Bellevue	25	2035MST 2045MST			0	0	8K		Thunderstorm Wind (G60)
									Trees and power lines downed south of Bellevue.
Franklin County									
Central Portion	25	2043MST 2045MST			0	0	10K		Thunderstorm Wind (G55)
									Three highway signs knocked down along with several power lines. Scattered power outages created.
Oneida County									
Holbrook	25	2045MST 2055MST			0	0			Thunderstorm Wind (G52)
Bannock County									
Pocatello	25	2045MST 2100MST			0	0	100K		Thunderstorm Wind (G65)
									Large trees downed at Hawthorne and Quinn Road damaged power line. 10 power poles down near AMI off of interstate 15. Tree fell near Euclid avenue destroying garage. Tree fell on house near Idaho State University.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IDAHO, Southeast</u>									
Bingham County									
Atomic City	25	2055MST 2115MST			0	0			Thunderstorm Wind (G61)
Franklin County									
Preston	25	2055MST 2125MST			0	0			Thunderstorm Wind (G81)
IDZ023-025-031 Caribou Highlands - Wasatch Mountains/Idaho Portion - Big And Little Wood River Region									
	25	2100MST			0	0			Heavy Snow
	26	0800MST							
Heavy snow fell behind a strong cold front which brought widespread severe weather to southeast Idaho. Most of the heavy snow fell in the central and southeast mountains. Some of the higher totals were 10 inches at Wild Horse Divide, 12 inches at Dollarhide, 12 inches at Galena Summit, 11 inches at Lost Wood Divide, 11 inches at Vienna Mine, 10 inches at Franklin Basin, and 10 inches from Soda Springs to Wayan.									
Oneida County									
Malad City	25	2107MST 2125MST			0	0	21K		Thunderstorm Wind (G65)
2 large trees felled and downed power poles in Malad. Several houses suffered shingle loss. Power out in Malad for 9 hours.									
Bannock County									
Chubbuck	25	2108MST 2120MST			0	0	10K		Thunderstorm Wind (G70)
Trees downed in Chubbuck and fence damage to private residences.									
Bannock County									
Mc Cammon	25	2110MST 2120MST			0	0	10K		Thunderstorm Wind (G60)
10 trees downed in McCammon with some minor damage to residences.									
Butte County									
Central Portion	25	2110MST 2125MST			0	0			Thunderstorm Wind (G52)
Bonneville County									
Idaho Falls	25	2112MST 2125MST			0	0	9K		Thunderstorm Wind (G60)
Downed trees on Hitt Road and 49th South caused power outages. Storage shed suffered damage from winds as well.									
Bear Lake County									
Countywide	25	2117MST 2130MST			0	0	25K		Thunderstorm Wind (G77)
89 mph wind gust measured 2 miles west of Georgetown. Several downed power lines and poles with power outages throughout the county.									
Jefferson County									
Roberts	25	2135MST 2200MST			0	0			Thunderstorm Wind (G52)
<u>IDAHO, Southwest</u>									
IDZ013 Boise Mountains									
	07	2200MST			0	0			Heavy Snow
	08	0800MST							
IDZ011 West Central Mountains									
	08	0300MST 0900MST			0	0			Heavy Snow
<u>ILLINOIS, Central</u>									
Richland County									
Countywide	09	1910CST 2100CST			0	0			Flash Flood
Fulton County									
2 S Lewistown	11	1642CST			0	0			Hail (0.88)
Knox County									
Galesburg	11	1658CST			0	0			Hail (0.75)
Hail covering the ground.									
Knox County									
Wataga	11	1700CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

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, Central</u>									
Schuyler County									
Ray	11	1700CST			0	0			Hail (1.00)
			Hail covering the ground.						
Knox County									
7 N Galesburg	11	1709CST			0	0			Hail (0.75)
Scott County									
1 SW Winchester	11	1747CST			0	0			Hail (1.75)
Scott County									
Bluffs	11	1750CST			0	0			Hail (1.75)
Schuyler County									
Brooklyn	11	1807CST 1812CST			0	0			Hail (1.00)
Menard County									
Tallula	11	1813CST			0	0			Hail (0.88)
Cass County									
2 S Philadelphia	11	1815CST			0	0			Thunderstorm Wind (G50)
Cass County									
2 S Philadelphia	11	1825CST			0	0			Hail (0.75)
Menard County									
3 N Greenview	11	1830CST			0	0			Thunderstorm Wind (G50)
			Power lines blown down.						
Sangamon County									
1 WNW Pleasant Plain	11	1834CST			0	0			Hail (0.88)
Tazewell County									
2 W Delavan	11	1837CST			0	0			Hail (0.75)
Sangamon County									
New Berlin	11	1851CST			0	0			Hail (1.00)
Logan County									
3 E New Holland	11	1855CST			0	0			Thunderstorm Wind (G55)
			Silo blown over west of Sugar Creek.						
Logan County									
3 SE Hartsburg to 3 SW Hartsburg	11	1902CST			0	0			Thunderstorm Wind (G50)
Sangamon County									
Springfield	11	1905CST			0	0			Hail (0.75)
Logan County									
Lincoln	11	1909CST			0	0			Hail (1.00)
McLean County									
Lexington	11	1933CST			0	0			Hail (0.75)
McLean County									
Le Roy	11	1955CST			0	0			Hail (0.75)
Shelby County									
2 E Shelbyville	11	2056CST			0	0			Hail (0.75)
			Hail covered the ground.						
Douglas County									
5 N Tuscola	11	2100CST			0	0			Hail (0.75)
Shelby County									
Windsor	11	2118CST			0	0			Hail (0.88)
Coles County									
Mattoon	11	2140CST			0	0			Hail (0.88)
Stark County									
Toulon	12	1541CST			0	0			Hail (0.75)
Stark County									
Bradford	12	1544CST			0	0			Hail (0.88)
Stark County									
4 S Wyoming	12	1551CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

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, Central</u>									
Marshall County									
Lacon	12	1600CST			0	0			Hail (0.88)
Marshall County									
5 W Sparland	12	1600CST			0	0			Hail (0.75)
Marshall County									
1 N Henry	12	1608CST			0	0			Hail (1.25)
Marshall County									
Lacon	12	1610CST			0	0			Hail (1.75)
Marshall County									
Henry	12	1615CST			0	0			Hail (1.00)
			Quarter size hail covered the ground.						
Peoria County									
Elmwood	12	1647CST			0	0			Hail (0.75)
Marshall County									
1 N Lacon	12	1700CST			0	0			Hail (0.75)
			Hail covered the ground.						
Knox County									
2 N Galesburg	12	1707CST			0	0			Hail (0.75)
Scott County									
Aley	12	1930CST			0	0			Thunderstorm Wind (G50)
			Power poles blown down.						
Sangamon County									
New Berlin	12	1953CST			0	0			Hail (1.75)
Sangamon County									
New Berlin	12	2004CST			0	0			Thunderstorm Wind (G60)
			Building and power line damage.						
Sangamon County									
Springfield	12	2015CST			0	0			Hail (1.00)
Sangamon County									
4 WSW Springfield	12	2027CST			0	0			Hail (0.75)
Knox County									
1 NE Dahinda	12	2030CST			0	0			Hail (0.75)
Logan County									
2 W Chestnut	12	2030CST			0	0			Hail (0.88)
Sangamon County									
Auburn	12	2030CST			0	0			Thunderstorm Wind (G52)
			Railroad sign blown down blocking a road.						
Sangamon County									
4 E Loami	12	2030CST			0	0			Thunderstorm Wind (G50)
			House damaged.						
Sangamon County									
6 NNW Springfield	12	2030CST			0	0			Thunderstorm Wind (G58)
Tazewell County									
3 NW Mackinaw	12	2030CST			0	0			Thunderstorm Wind (G52)
			Windows blown in on house.						
Christian County									
Mt Auburn	12	2039CST			0	0			Funnel Cloud
Logan County									
Mt Pulaski	12	2055CST 2059CST			0	0			Hail (1.50)
Logan County									
Latham	12	2100CST			0	0			Thunderstorm Wind (G55)
			Damage to a home.						
De Witt County									
Clinton	12	2115CST			0	0			Hail (1.00)
Logan County									
Latham	12	2115CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
De Witt County 1 S Osbur	12	2120CST			0	0			Hail (0.75)
De Witt County 1 SW Clinton to 4 SE Clinton	12	2123CST 2130CST			0	0			Hail (1.00)
McLean County 4 NE Saybrook	12	2123CST			0	0			Thunderstorm Wind (G55) Shed destroyed.
De Witt County 5 ENE Wapella	12	2135CST			0	0			Thunderstorm Wind (G55) Trees uprooted and two windows blown in.
De Witt County Lane	12	2142CST			0	0			Hail (1.00) In addition, a large tree branch was blown down.
McLean County Le Roy	12	2146CST			0	0			Hail (0.75)
Champaign County Fisher	12	2205CST			0	0			Hail (2.75)
McLean County Colfax to Anchor	12	2237CST 2242CST			0	0			Hail (0.88)
Schuyler County Littleton	12	2328CST			0	0			Hail (0.75)
Stark County 6 E Wyoming	12	2345CST			0	0			Hail (0.75)
Schuyler County Brooklyn to Littleton	13	0004CST 0010CST			0	0			Hail (1.00)
Woodford County Spring Bay	13	0035CST			0	0			Hail (0.75)
Sangamon County 1 S Auburn to Divernon	13	0246CST 0255CST			0	0			Thunderstorm Wind (G60) Several power poles blown down.
Menard County 8 E Petersburg	13	0300CST			0	0			Thunderstorm Wind (G52)
Woodford County Minonk	13	0300CST			0	0			Thunderstorm Wind (G50) Numerous large tree limbs blown down.
Logan County 7 NE Lincoln	13	0308CST			0	0			Thunderstorm Wind (G53)
Sangamon County 1 N Pawnee to 3 S Pawnee	13	0320CST 0321CST			0	0			Thunderstorm Wind (G60) Several power poles broken and a metal shed was damaged. In addition, nickel size hail was reported.
McLean County Saybrook	13	0325CST			0	0	126K		Thunderstorm Wind (G62) A microburst produced damage to trees roofs and machine sheds in town. 28 structures received damage.
Macon County 2 E Decatur	13	0332CST			0	0			Thunderstorm Wind (G52) In addition, penny size hail was reported.
Clay County 3 S Flora	13	0544CST			0	0			Hail (0.75)
Scott County 3 SSE Alsey to 3 NNE Manchester	12	1928CST 1935CST	8.5	75	0	0			Tornado (F1) Tornado entered Scott county from Green county (WFO Saint Louis), and continued northeast into Morgan county.

Storm Data and Unusual Weather Phenomena

March 2006

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

Morgan County

2.8 WSW Murrayville to 1.3 W Murrayville	12	1935CST 1940CST	1.3	75	0	0			Tornado (F1)
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Continuation of tornado from Scott county. The damage across Scott and Morgan counties consisted primarily of damage to trees, power poles, and outbuildings, as well as mainly minor damage to homes and businesses. No injuries or fatalities were reported. Total tornado path length 9.8 miles in WFO Central Illinois service area.

Scott County

3 SW Manchester to 2 NE Manchester	12	1929CST 1936CST	4.8	300	0	0			Tornado (F2)
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A tornado entered Scott county from Greene county (WFO Saint Louis). Tornado continued northeast into Morgan county.

Morgan County

3 SW Murrayville to 3 NE Franklin	12	1936CST 2002CST	19.7	300	0	1			Tornado (F2)
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Continuation of tornado from Scott county. Tornado continued into Sangamon county.

Sangamon County

4 SW New Berlin to Springfield	12	2002CST 2025CST	20.5	880	0	19			Tornado (F2)
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Continuation of Morgan county tornado. The total path length of the tornado was about 65.5 miles, including a 45.0 mile path across the WFO Central Illinois service area.

Damage from the storm over Scott, Morgan and rural Sangamon counties consisted of the snapping of power poles and major tree damage, either ripped up or uprooted. Numerous farm buildings (both Morton type buildings and barns) were damaged or destroyed, as were numerous grain bins. One mobile home was destroyed.

This long track tornado moved into the city of Springfield before dissipating. The tornado crossed Interstate 72 near mile marker 92, around 8:20 PM. It entered the city of Springfield near Cockrell Lane and Constitution Drive, tracking to the east-northeast around 50 mph. The tornado was about 300 yards wide, and produced F2 damage to several businesses from Constitution Drive, through Parkway Pointe, to Veterans Parkway and Lindbergh Blvd.

The tornado widened to about 0.4 mile wide as it continued to track east-northeast south of Wabash Avenue, between Veterans Parkway and Chatham Road. The tornado widened further, to just over 1/2 mile wide from Westchester Blvd to the village of Jerome. The damage was rated as F2 along Wabash Avenue, between Chatham Road and MacArthur Blvd.

The tornado then weakened slightly, producing F1 damage, as it turned to the northeast, nearly parallel with the Norfolk Southern Railroad tracks. The damage path remained nearly 1/2 mile wide. The width of the tornado decreased to about 1/4 mile wide as it strengthened again, and turned to the north-northeast near Iles Park and in the vicinity of Oak and Myrtle Streets, between 6th and 9th Streets. The damage was rated as F2 in these locations, with roofs blown off of homes and businesses, and garages severely damaged. This tornado dissipated just north of 9th Street and South Grand Avenue.

1 injury was reported in Morgan county, with 19 injuries reported in Sangamon county. No fatalities were reported.

Morgan County

Franklin to 4 NE Franklin	12	1958CST 2000CST	4.6	440	0	0			Tornado (F1)
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A tornado touched down just northeast of Franklin. The tornado continued into Sangamon county.

Sangamon County

6 SW Loami to Loami	12	2000CST 2011CST	7.4	440	0	0			Tornado (F1)
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Continuation of tornado from Morgan county. The total tornado path length was 12.0 miles. Damage with this tornado consisted of snapped power poles, as well as damage to farm buildings and trees. No injuries or fatalities were reported.

Storm Data and Unusual Weather Phenomena

March 2006

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

Sangamon County Springfield to 1 SW Clear Lake

12	2024CST 2030CST	4	400	0	0				Tornado (F2)
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The tornado touched down about 1/4 mile north of the Bunn Park golf course, and tracked to the northeast. The strongest damage was bounded by 15th Street, Cornell Avenue, South Grand Avenue, and Pope Avenue. Several homes had roofs torn off, with extensive damage to power poles and lines, along with numerous downed trees.

The tornado continued to track northeast across Old Rochester Road, Singer Avenue, and Cook Street from White City Blvd. to a block east of Dirksen Parkway. The tornado crossed I-55 at the Clear Lake Avenue interchange, and overturned a semi truck. This tornado dissipated near Old Route 36, about 3/4 mile southwest of the Village of Clear Lake.

No injuries or fatalities were reported.

Sangamon County 3.8 S Riverton to 5 NE Buffalo

12	2032CST 2055CST	12.5	200	0	4				Tornado (F2)
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The tornado touched down 3.75 miles south of Riverton. It moved northeast, between Dawson and Buffalo (passing 1.5 miles west of Buffalo), and lifted just south of the Logan County line, 5 miles northeast of Buffalo.

This tornado started at F0 strength, about 100 yards wide, and quickly strengthened to F2 intensity (120 mph) with a maximum width of 200 yards. It weakened to F1 intensity, and was about 100 yards wide when it ended. Total path was 12.5 miles in length. Damage from this storm consisted of damage to barn buildings and some significant house damage. Power poles were snapped, with major tree damage.

4 injuries were reported, but there were no fatalities

Logan County 4 E Cornland to 2.5 SW Mt Pulaski

12	2057CST 2059CST	2.5	400	0	0				Tornado (F2)
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The tornado touched down 4 miles east of Cornland, and was on the ground for 2.5 miles before lifting 2.5 miles southwest of Mt. Pulaski. The tornado snapped numerous trees and power poles, and a 400 foot microwave tower was toppled. No injuries or fatalities were reported.

Logan County 6 S Mt Pulaski to 3 S Mt Pulaski

12	2100CST 2102CST	3.5	200	0	0				Tornado (F2)
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The tornado tracked from the Logan/Sangamon County line, 6 miles south of Mt. Pulaski, to 3 miles south of Mt. Pulaski. Damage from this tornado included numerous snapped trees and power poles. In addition, 3 or 4 large steel power poles were toppled. No injuries or fatalities were reported.

Logan County 6 SW Latham to 3 NNE Latham

12	2103CST 2114CST	8.9	400	0	0				Tornado (F1)
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A tornado developed 6 miles southwest of Latham. The tornado continued into Macon county.

Macon County 9 WSW Maroa to 9.5 WSW Maroa

12	2114CST 2115CST	1.1	400	0	0				Tornado (F1)
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Continuation of Logan county tornado. The total tornado path length was 10.0 miles. The tornado blew down numerous trees and damaged several barns and outbuildings. No injuries or fatalities were reported.

Macon County 9 SW Maroa to 3.5 WNW Maroa

12	2116CST 2124CST	7.1	600	0	0				Tornado (F1)
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A tornado developed 9 miles southwest of Maroa. The tornado continued into De Witt county.

De Witt County 5 SE Kenney to 5.5 SE Kenney

12	2124CST 2125CST	0.9	600	0	0				Tornado (F1)
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Continuation of Macon county tornado. The total tornado path length was 8.0 miles. The tornado blew down numerous trees and damaged several outbuildings. No injuries or fatalities were reported.

Storm Data and Unusual Weather Phenomena

March 2006

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

ILZ049>052-061		Scott - Morgan - Sangamon - Christian - Shelby							
	21	0430CST 1000CST			0	0			Blizzard
ILZ036-040>041-047-054>057-062>063		Fulton - Schuyler - Mason - Cass - Moultrie - Douglas - Coles - Edgar - Cumberland - Clark							
	21	0550CST 1000CST			0	0			Winter Storm

A major winter storm impacted central Illinois on the 21st. A swath of heavy snow fell across much of the region with 6 to 10 inch snowfall totals common. In addition, blizzard conditions occurred across Scott, Morgan, Sangamon, Christian and Shelby counties with wind gusts to 45 mph recorded. No major injuries or fatalities were reported, though numerous vehicle accidents occurred.

Peoria County

1 E Elmore		2315CST							
	30				0	0			Thunderstorm Wind (G52)

Two outbuildings severely damaged and numerous large tree limbs blown down.

ILLINOIS, Northeast

Winnebago County

Pecatonica		1951CST							
	08	1956CST			0	0			Hail (1.75)

Winnebago County

3 N Rockton		2021CST							
	08	2025CST			0	0			Hail (0.75)

La Salle County

3 NW Lostant		1616CST							
	12	1620CST			0	0			Hail (1.00)

La Salle County

1 SW Lostant		1623CST							
	12	1627CST			0	0			Hail (1.25)

La Salle County

Leonore		1632CST							
	12	1636CST			0	0			Hail (1.00)

La Salle County

Tonica		1634CST							
	12	1638CST			0	0			Hail (1.00)

La Salle County

Streator		1636CST							
	12	1640CST			0	0			Hail (1.75)

La Salle County

3 NE Ransom		1651CST							
	12	1656CST			0	0			Hail (1.75)

Golfball size hail was reported near N 19th and E 30th Roads.

La Salle County

7 N Ransom to 5 N Ransom		1654CST							
	12	1658CST			0	0			Hail (1.00)

Grundy County

2 N Kinsman		1659CST							
	12	1703CST			0	0			Hail (1.75)

Grundy County

1 N Mazon		1705CST							
	12	1708CST			0	0			Hail (0.88)

Grundy County

3 W Coal City		1708CST							
	12	1712CST			0	0			Hail (1.00)

Quarter size hail was reported near Route 113 and Gorman Roads.

Will County

Joliet		1717CST							
	12				0	0			Lightning

Will County

2 SE Wilmington		1732CST							
	12	1735CST			0	0			Hail (0.88)

A severe thunderstorm moved across southern LaSalle County, southern Grundy County then into western Will County during the late afternoon of March 12th. The thunderstorm produced hail up to the size of golfballs across many of these areas. The

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
ILLINOIS, Northeast									
thunderstorm began to weaken as it moved across southern Will County and far northern Kankakee County. Lightning struck a house in Joliet and started the house on fire.									
Ogle County Forreston	12	2116CST 2118CST			0	0			Hail (0.88)
Winnebago County South Beloit	12	2208CST 2210CST			0	0			Hail (0.88)
Livingston County Graymont	12	2215CST			0	0	1K		Thunderstorm Wind (G50)
A basement door was blown out and road signs were blown down.									
Ford County Gibson City	12	2222CST			0	0			Thunderstorm Wind (G52)
A gust was measured to 60 mph.									
Winnebago County Pecatonica	12	2223CST 2227CST			0	0			Hail (1.00)
Iroquois County 2 N Milford	12	2230CST			0	0	20K		Thunderstorm Wind (G60)
The roof of a barn and a tool shed were torn off. A large farm building collapsed, killing several head of cattle.									
La Salle County Mendota	12	2248CST 2251CST			0	0			Hail (1.00)
Ford County Melvin	12	2250CST			0	0	3K		Thunderstorm Wind (G50)
Utility poles and power lines were blown down on Route 59 causing the road to be closed.									
Ford County 1.5 SE Elliott to 2 E Elliott	12	2256CST 2300CST	2	30	0	0			Tornado (F0)
A small tornado damaged outbuildings east of County Road 1100E near 300N. Debris was scattered across a field from southwest to northeast. The tornado ended near 1200E and State Road 9.									
Ford County 2 E Gibson City	12	2300CST			0	0	3K		Thunderstorm Wind (G50)
At State Road 9 and County Road 1100E several large evergreens were uprooted and part of the roof of an outbuilding was blown off. Further down SR 9, between 1100E and 1200E, a few utility poles and power lines were blown down. Near SR 9 and 1200E a farm house had windows broken and siding damaged by wind. A pickup truck also had windows broken.									
Ford County Elliott	12	2305CST			0	0	5K		Thunderstorm Wind (G50)
A roof was blown off a water pumping station.									
Kankakee County 3 W Kankakee	12	2333CST 2335CST			0	0			Hail (0.88)
Will County Joliet	12	2334CST 2337CST			0	0			Hail (1.75)
Golfball size hail was reported along Interstate 80, between Larkin and Hubolt Roads.									
Kane County South Elgin	12	2354CST 2356CST			0	0			Hail (0.75)
Penny size hail was reported at Route 25 and West Barrlet Road.									
Cook County Chicago	13	0042CST			0	0			Thunderstorm Wind (G65)
Wind gusts to 75 mph were estimated near Van Buren and Central.									
Cook County Chicago	13	0048CST			0	0			Thunderstorm Wind (G61)
Wind gusts to 70 mph were estimated near 171st and Harlem.									

Storm Data and Unusual Weather Phenomena

March 2006

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

Cook County

Bridgeview	13	0050CST 0052CST			0	2	1.5M		Thunderstorm Wind (G70)
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A downburst caused extensive damage from 79th Street about 300 yards west of Harlem to just north of 77th and Harlem. Several evergreen trees were uprooted and tree limbs were downed. A few garages collapsed or had roofs torn off. A large section of an apartment roof was torn off and debris damaged other nearby apartments and other buildings. About 40 cars were damaged by flying debris. Two police officers were injured by flying glass. About 1/2 mile further northeast the roof was damaged at a FedEx facility.

Cook County

Melrose Park	13	0050CST			0	0			Thunderstorm Wind (G52)
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Wind gusts were estimated to 60 mph.

Iroquois County

2 W Crescent City	13	0406CST			0	0	10K		Thunderstorm Wind (G55)
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Windows were blown out of a house and a car port was destroyed along Highway 24.

Ford County

2 N Paxton	13	0410CST			0	0	10K		Thunderstorm Wind (G55)
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Two camper trailers were overturned on Interstate 57.

ILZ006-014

Lake - Cook

13		0900CST 1200CST			0	5	35K		Strong Wind
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Strong winds blew across northeast Illinois during the morning of March 13th. A roof under construction collapsed in Antioch in Lake County, injuring four construction workers, one seriously. An awning was blown off a restaurant in Gurnee and struck a car. Part of another roof under construction was blown down in Prospect Heights. Streets were closed in Evanston due to flying construction debris. One construction worker was injured when he was struck in the head by flying debris. Part of Michigan Avenue was closed in downtown Chicago because of a piece of aluminum that came loose from a hotel. Winds gusted between 50 mph and 55 mph. At least 17,000 electricity customers lost power due to numerous trees, tree limbs and power lines blown down across the area.

ILZ013>014-014

Du Page - Cook

31		1200CST 1800CST			0	4	105K		High Wind (G55)
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High winds developed across northeast Illinois on Friday, March 31st. Winds gusted as high as 65 mph in some locations. A wind gust to 60 mph was measured at Lansing Airport in Cook County at 126 pm CST and a gust to 59 mph was measured at the Harrison-Dever Crib 3 miles offshore of downtown Chicago. A four year old boy was critically injured when he was hit by a falling branch in Chicago. A girl who was nearby when the branch fell suffered minor injuries. Part of a building facade toppled on Irving Park Road in Chicago. A pedestrian who was walking by was injured by the falling debris. Part of a roof was blown off of a car wash in Chicago. The debris was blown into a transformer and one person was injured from the falling debris. A roof was damaged at a recreational center in Thornton in Cook County. The City of Chicago reported 107 trees or tree limbs blown into roads and 35 damaged utility poles. In Addison in Dupage County, a 30 foot billboard was bent over by the high winds.

ILLINOIS, Northwest

ILZ001>002-007-009-015>018-024>026-034>035 **Jo Daviess - Stephenson - Carroll - Whiteside - Rock Island - Henry - Bureau - Putnam - Mercer - Henderson - Warren - Hancock - McDonough**

01		0000CST			0	0			Drought
31		2359CST							

The drought that began back in June 2005 continued through March 2006 but shrunk considerably in size and scope by the start of April 2006. This shrinkage was due to a persistent wet pattern that had set up during March 2006 and continued into April 2006. Since the growing season had yet to begin, the drought was essentially hydrologic in nature. A report of the hydrologic conditions is supplied by the service hydrologist.

River Conditions

Monthly stream flows for March averaged near normal (25th to 75th percentile) to below normal (10th to 24th percentile). All basins averaged below normal except for the lower Cedar-Iowa River basins and the entire Rock River basin, which averaged near normal.

Stream flows began the month with most locations reporting stream flows that were below normal (10th to 24th percentile) or much below normal (less than 10th percentile). A few locations reported near normal (25th to 75th percentile) conditions and one location reported a record low flow for the day. Stream flows gradually decreased until moderate rainfall fell on the 5th. On the 6th, stream flows began increasing in response to this rainfall. Stream flows then remained nearly steady or increased slightly through the 13th when most locations reported near normal conditions. Some locations reported below normal (10th to 24th percentile) flows while other locations reported above normal (76th to 90th percentile) flows.

Storm Data and Unusual Weather Phenomena

March 2006

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

Stream flows then gradually decreased into the late parts of the month but then rose on the last day of the month. On the 30th most locations reported below normal conditions while some locations reported near or much below normal flows. Moderate rainfall on the 30th resulted in flow increases on the 31st. On that day, half of the locations reported below or much below normal flows and half of the locations reported near or above below normal flows.

Source: U.S. Geological Survey, WaterWatch Web site (<http://water.usgs.gov/waterwatch/>).

Drought

According to the U.S. Drought Monitor maps, minimal changes in the drought situation occurred during the month. Severe drought conditions (D2) continued to cover much of the HSA with moderate drought conditions (D1) across northwestern portions of the HSA.

ILZ001

Jo Daviess

05	1000CST	0	0	2K	Winter Weather
	1600CST				

Also from co-op observers.

A late season winter storm moved from the central Plains into the Great Lakes on 5 March 2006. The first wave of snow mixed with some sleet occurred during the pre-dawn hours and caused little if any problems. The second wave of snow occurred toward the end of the morning commute and into early afternoon. Several traffic accidents were reported in Jo Daviess County Illinois. The heaviest snowfall occurred along the U.S. 20 corridor where 4 to 6 inches of snow fell.

Mcdonough County Tennessee

11	1555CST	0	0	4K	Hail (1.25)
	1558CST				

Dime to half dollar sized hail

Mcdonough County 1 NW Macomb to 5 NW Macomb

11	1604CST	0	0	3K	Hail (1.00)
	1605CST				

Nickel to quarter sized hail covering the ground.

Warren County Swan Creek to 1.2 NW Swan Creek

11	1623CST	0	0		Hail (0.75)
	1625CST				

Penny sized hail

Mcdonough County Colchester

11	1656CST	0	0		Hail (0.88)
	1658CST				

Dime to nickel sized hail

Mcdonough County Macomb

11	1657CST	0	0		Heavy Rain
	1727CST				

1 inch of rain in the past 30 minutes with minor street flooding.

Mcdonough County 1.2 W Macomb

11	1700CST	0	0		Hail (0.75)

Penny sized hail

Mcdonough County Prairie City

11	1703CST	0	0		Hail (0.75)
	1705CST				

Penny sized hail

Henry County Woodhull to 5 E Woodhull

11	1711CST	0	0	4K	Hail (1.00)
	1715CST				

Penny to Quarter sized hail rapidly covering the ground

Henry County Cambridge

11	1722CST	0	0	8K	Hail (1.75)
	1724CST				

Hail ranging from pea to golfball.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ILLINOIS, Northwest									
Henry County 3 W Atkinson	11	1733CST 1735CST			0	0			Hail (0.88)
Dime to nickel sized hail covering the ground at mile marker 25 on I-80.									
Henry County 6 N Galva	11	1835CST 1836CST			0	0	3K		Hail (1.00)
Quarter sized hail. Scattered thunderstorms developed ahead of a cold front that moved through west central and northwest Illinois. The storms were essentially elevated in nature due to the lack of high winds at the surface. In most cases the hail was marginally severe due to the higher reflectivities aloft barely getting above the freezing level. Dime sized (0.70 inch) hail occurred in Hancock County at 1537-1538 CST in Augusta and 1542-1543 CST in Plymouth. Dime sized hail occurred in McDonough County at 1604-1605 CST in Macomb and in Warren County at 1729-1731 CST on the south side of Greenbush.									
Putnam County 2.4 SSE Putnam	12	1605CST 1606CST			0	0			Hail (0.75)
2 minute duration just north of the Putnam/Marshall county line.									
Putnam County Countywide	12	1606CST 1616CST			0	0	20K		Hail (1.50)
An intense thunderstorm moved across the southern part of Putnam County producing hail of 1.00 to 1.50 inches. Hail was reported between Magnolia and Mc Nabb in the 1612-1615 CST time period by several spotters. Additional spotters reported large hail on Illinois 18 west of Magnolia.									
Putnam County Magnolia to Mc Nabb	12	1612CST 1615CST			0	0	5K		Hail (1.00)
multiple reports									
Henry County 3.4 WNW Atkinson	12	1614CST 1615CST			0	0	2K		Hail (1.00)
Based on pictures from WQAD-TV web site.									
Putnam County Granville	12	1615CST 1616CST			0	0			Hail (0.88)
Mercer County Mannon	12	1855CST 1857CST			0	0	5K		Hail (1.00)
nickel to quarter sized hail									
Mercer County 6 N Joy	12	1901CST 1903CST			0	0			Hail (0.88)
Mercer County Aledo	12	1918CST 1922CST			0	0	5K		Thunderstorm Wind (G52)
Trees and power lines down									
Mercer County Matherville	12	1932CST 1933CST			0	0	5K		Thunderstorm Wind (G52)
Trees and power lines down									
Henry County 2 NW Orion	12	1943CST 1944CST			0	0			Thunderstorm Wind (G61)
Estimated 70 mph									

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ILLINOIS, Northwest									
Rock Island County (Mli) Quad City Arpt	12	1948CST 1949CST			0	0	300K		Thunderstorm Wind (G93)
Measured gust from KMLI ASOS that was confirmed by FAA backup equipment. A Hampton Inn under construction on the northeast side of the airport was demolished and a nearby interstate highway sign was blown over.									
NWS survey concluded a microburst occurred on the west edge of the airport. Considerable damage was done to a group of homes, outbuildings, power lines, and trees just outside the airport perimeter. The wind gust of 107 mph bested the old record wind gust of 81 mph at KMLI which was set on 21 August 1987.									
Rock Island County Moline	12	1949CST 1953CST			0	0	10K		Thunderstorm Wind (G57)
Many trees were downed across the city. Trinity Medical Center on 7th Street lost all electrical power for several hours. Limited power was available for the facility through emergency generators.									
Rock Island County .5 NE Moline Quad Cit	12	1949CST 1950CST			0	0	10K		Thunderstorm Wind (G70)
Limb from a tree went through the window of the Quality Inn.									
Rock Island County Moline to Rock Is	12 13	1953CST 0100CST			0	0	50K		Flash Flood
Thunderstorms trained across the Quad City Metro area and produced rainfall rates exceeding 1 inch per 30 minutes. Spotters, amateur radio, and the media reported numerous roads flooded out or cars floating. By 2015 CST KWQC-TV was reporting cars floating in parts of Rock Island. AT 2030 CST two reports indicated 11th Street and 14th Avenue in Rock Island was under water with 11th Street flooded in other spots.									
KMLI ASOS reported 1.78 inches of rain for 12 March 2006 of which 1.66 inches fell during the 1800-2400 CST time period. At the same time, the KDVN ASOS reported 1.05 inches of rain for 12 March 2006. The heaviest rain occurred during the 1900-2300 CST time period in a narrow band in between the two ASOS sites. The highest know rainfall amount occurred in central Davenport where 3.50 inches of rain fell. The closeness of the heavy rainband to the KDVN 88D resulted in a severe underestimation of the rainfall. Rainfall estimates from the distant KILX and KLOT 88D sites indicate 3-4 inches of rain fell.									
Rock Island County Silvis	12	1953CST 1958CST			0	0	50K		Thunderstorm Wind (G70)
A screen door was blown off with damage to a carport. Severe damage occurred to a car wash.									
Henry County 1.2 W Colona	12	1954CST			0	0			Heavy Rain
1 to 2 feet of standing water in a mobile home park. According to the spotter, this area is well known for having poor drainage during heavy rainfall.									
Henry County 1.2 W Colona	12	1954CST 1957CST			0	0	5K		Thunderstorm Wind (G57)
Numerous trees down at the confluence of the Green and Rock Rivers near the Hennepin Canal. Some of the trees were observed to be unhealthy.									
Rock Island County Carbon Cliff	12	1954CST 1958CST			0	0	1K		Thunderstorm Wind (G57)
flag pole down									
Whiteside County Erie	12	2020CST 2022CST			0	0	1K		Thunderstorm Wind (G52)
wires down									
Whiteside County 2 N Morrison to 2 NNE Morrison	12	2034CST 2036CST			0	0	3K		Hail (1.00)

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					Killed	Injured	Property	Crops	
<u>ILLINOIS, Northwest</u>									
Whiteside County 2 S Coleta to Coleta	12	2044CST 2045CST			0	0	3K		Hail (1.00)
Carroll County Milledgeville	12	2050CST 2052CST			0	0	3K		Hail (1.00)
Henderson County 3 W Bald Bluff	12	2105CST 2106CST			0	0			Hail (0.88)
Mercer County Sherrard	12	2112CST 2114CST			0	0	5K		Hail (1.00)
Whiteside County 6.8 W Morrison	12	2124CST 2127CST			0	0	25K		Thunderstorm Wind (G57)
15 power poles snapped at ground level on Frog Pond Road between Garden Plain and Hazel Roads.									
Carroll County Thomson	12	2127CST 2130CST			0	0			Hail (0.88)
Whiteside County Prophetstown	12	2204CST 2220CST			0	0			Heavy Rain
minor flooding of lower streets									
Warren County Little York	12	2206CST 2207CST			0	0	5K		Hail (1.00)
Warren County 5.2 N Monmouth to Alexis	12	2212CST 2220CST			0	0	2K		Thunderstorm Wind (G50)
Winds estimated at greater than 50 mph from Lake Warren to Alexis.									
Mercer County Matherville	12	2216CST 2219CST			0	0	6K		Thunderstorm Wind (G52)
power poles and branches down									
Warren County 1 S Gerlaw	12	2217CST 2219CST			0	0			Hail (0.75)
Heavy rain with estimated 40-50 mph winds.									
Warren County Kirkwood	12	2217CST 2220CST			0	0	2K		Thunderstorm Wind (G52)
limbs down									
Mercer County North Henderson	12	2221CST 2224CST			0	0	6K		Thunderstorm Wind (G52)
power poles and branches down									
Henry County Atkinson	12	2244CST 2247CST			0	0	300K		Thunderstorm Wind (G83)
A bow echo interacted with a surface boundary over Atkinson and produced a ducted downburst over a narrow path of about 1 mile. About 12 homes sustained varying amounts of damage with many trees either uprooted or damaged. An RV was flipped onto its side.									
At the Atkinson Grain & Fertilizer plant a 100 foot leg was torn away and dropped on the railroad tracks where it was hit by a slow moving train several hours later.									

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					Killed	Injured	Property	Crops	
ILLINOIS, South									
Williamson County									
Marion	09	1100CST 1600CST			0	0			Flash Flood
Numerous creeks were out of their banks. Portions of Highway 13 were closed and impassable. Sections of Highway 37 were under water. Numerous secondary roads were covered by standing water.									
Saline County									
Countywide	09	1115CST 1500CST			0	0			Flash Flood
Numerous streets throughout Harrisburg were flooded by overflowing ditches. Flooding was reported elsewhere in the county. On a secondary road two miles north of Harrisburg, water was up to the bottoms of vehicles.									
Hamilton County									
Countywide	09	1200CST 1600CST			0	0	30K		Flash Flood
Some local roads were washed out due to excessive rainfall. A pickup truck drove through a washout 5 feet wide and 3 to 4 feet deep, causing a broken fender and possible damage to the frame. Road crews bladed off corn stalks that washed onto the roads and piled as high as 3 feet. One county resident reported 4 inches of rain during the afternoon.									
Alexander County									
Olive Branch	09	1205CST			0	0	100K		Thunderstorm Wind (G74)
A survey of the damage indicated a microburst with peak winds to 85 MPH occurred. On the south side of town, 20 to 30 trees and power lines were down. Several homes received major roof damage. A tree fell on a mobile home, and a garage was blown off its foundation. A front porch was damaged. A roof was partially blown off a metal building. One small storage shed was destroyed, and another shed was blown off its foundation. The damage path was divergent from west to east. The damage path was about 750 yards wide and 600 yards long.									
Franklin County									
West Frankfort to 1 E Christopher	09	1208CST 1600CST			0	0			Flash Flood
Widespread flash flooding occurred in West Frankfort after five inches of rain fell in a relatively short period of time. Numerous residents reported several inches of standing water in their neighborhoods. Some floodwaters entered a high school gymnasium, but the water was cleaned up with no permanent damage. A few streets were under water. Just east of Christopher, Andes Creek was out of its banks and covering a roadway.									
Union County									
Dongola	09	1239CST 1530CST			0	0	30K		Flash Flood
U.S. Highway 51 was closed in several locations due to water over the road. Water rose over other low-lying roads. A number of washouts occurred on roads throughout the county. Creeks were swollen. Two observers in Anna measured between 4 and 5 inches of rain for the calendar day.									
Pulaski County									
Karnak	09	1245CST			0	0			Thunderstorm Wind (G50)
Two large trees were down.									
Johnson County									
Vienna	09	1246CST			0	0	5K		Thunderstorm Wind (G60)
A garage was blown off its foundation. A barn roof was blown off, and a tree was uprooted.									
Alexander County									
Cairo	09	1255CST			0	0			Thunderstorm Wind (G50)
Several large tree limbs were downed.									
Saline County									
Harrisburg to 1 S Harrisburg	09	1256CST 1257CST			0	0			Hail (1.00)
Pope County									
11 N Dixon Spgs	09	1259CST			0	0			Hail (0.75)
Edwards County									
Countywide	09	1300CST 1600CST			0	0			Flash Flood
Ditches were full of water and overflowing onto roads and yards.									
Wayne County									
Countywide	09	1300CST 1700CST			0	0			Flash Flood
Two to three roads were closed in Fairfield. Ditches were full of water and overflowing onto secondary roads.									
Gallatin County									
Ridgway	09	1314CST			0	0			Hail (0.88)

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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>									
Gallatin County 2 S Ridgway	09	1314CST			0	0			Funnel Cloud
Gallatin County 3 E Equality	09	1324CST			0	0	10K		Thunderstorm Wind (G60)
Downed power poles were reported on Route 1 just south of Route 13.									
Wabash County Countywide	09	1413CST 1630CST			0	0			Flash Flood
At least one county road was flooded. Ditches were full of water and overflowing onto roads and yards.									
Massac County Countywide	09	1437CST 1600CST			0	0			Flash Flood
Numerous roads were flooded. Due to flooding of Seven Mile Creek, a secondary road was impassable, with over 6 inches of water running over the approach to the bridge. In Unionville, water was flowing across a roadway intersection. In Metropolis, a few streets were covered by several inches of water.									
Gallatin County Countywide	09	1500CST 1700CST			0	0			Flash Flood
Several county roads were under water.									
Johnson County Countywide	09	1500CST 1700CST			0	0			Flash Flood
Several inches of water covered a section of U.S. Route 45 South.									
Union County Anna	09	1840CST			0	0	40K		Thunderstorm Wind (G57)
Two buildings and a pole barn were damaged. A restaurant sustained roof damage.									
Massac County Metropolis to 3 E Metropolis	09	1858CST 1912CST			0	0	15K		Thunderstorm Wind (G51)
A wind gust to 59 MPH was measured at the Metropolis airport. In Metropolis, a construction trailer at the riverfront casino was blown over. A tree fell on a house on Route 145. Trees and power lines were down east of Metropolis.									
Johnson County 7 E Vienna to Belknap	09	1900CST 1915CST			0	0	5K		Thunderstorm Wind (G55)
A barn was blown away near Belknap. A fence and trees were down 7 miles east of Vienna. Trees were down on U.S. Highway 45 3 to 4 miles south of Vienna.									
Pulaski County Pulaski to Grand Chain	09	1900CST			0	0	7K		Thunderstorm Wind (G52)
Two barns were damaged, sheds were demolished, and the roof of a trailer addition was blown off.									
Pope County 3 W Golconda to Hamlettsburg	09	1915CST			0	0	3K		Thunderstorm Wind (G50)
Power lines were down a few miles west of Golconda. Trees were down in Hamlettsburg.									
Hardin County Countywide	09	1930CST 2000CST			0	0			Thunderstorm Wind (G52)
Trees were blown down countywide.									
Hamilton County Mc Leansboro	09	1937CST 1944CST			0	0	75K		Thunderstorm Wind (G61)
Several buildings at the courthouse square downtown were damaged. A large section of roof was lifted off one of the buildings and deposited on the sidewalk. Adjacent structures received less significant roof damage. Several power lines were down, and a window was broken. On the southwest side of Mcleansboro, a food store lost part of its roof. A newspaper building sustained some roof damage and a broken window, allowing rainwater to enter the building.									
Gallatin County Countywide	09	1945CST			0	0			Thunderstorm Wind (G56)
Franklin County Plumfield	10 26	0700CST 1800CST			0	0			Flood

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					Killed	Injured	Property	Crops	
ILLINOIS, South									
Jackson County									
Murphysboro	10 26	0700CST 1800CST			0	0			Flood
Moderate flooding of the Big Muddy River occurred after repeated rounds of thunderstorms. At Plumfield, where flood stage is 20 feet, the river crested at 27.9 feet on March 15. This resulted in considerable flooding of bottomlands and surrounding low-lying areas. At Murphysboro, where flood stage is 22 feet, the river crested at 33.80 feet on March 16. Flooding affected houses just downstream of Bridge Street in Murphysboro.									
Wayne County									
Wayne City	10 15	1300CST 1500CST			0	0			Flood
Major flooding of the Skillet Fork River occurred after repeated episodes of widespread thunderstorms. At Wayne City, where flood stage is 15 feet, the river crested at 22.51 feet on March 12.									
Williamson County									
Marion to 1.3 N Marion	11	0247CST 0251CST			0	0			Hail (1.25)
Multiple reports of hail ranging from dime to half-dollar size in and near Marion.									
Union County									
Anna	11	0300CST			0	0			Hail (0.75)
Johnson County									
Vienna	11	0320CST			0	0			Hail (0.75)
Saline County									
Stonefort to Carriers Mills	11	0325CST			0	0			Hail (1.00)
Hail up to the size of quarters covered the ground.									
Hamilton County									
6 N Mc Leansboro	11	0330CST			0	0			Hail (1.75)
Wayne County									
Fairfield	11	0536CST			0	0			Hail (0.88)
Saline County									
2.5 SE Harrisburg	11	0700CST 1100CST			0	0	15K		Flash Flood
A man and his 10-year-old son were rescued from flooded Brier Creek after their SUV became stranded while trying to cross the creek. The swift-moving water was up to the doors of the vehicle. The road was completely washed out, and warning signs had been posted on both sides of the creek. A boat from the county emergency services agency removed the two trapped occupants of the vehicle.									
Wabash County									
Mt Carmel	11 26	1300CST 1800CST			0	0			Flood
White County									
Maunie	11 26	1300CST 1800CST			0	0			Flood
Moderate flooding of the Wabash River occurred after repeated episodes of widespread thunderstorms. At Mount Carmel, where flood stage is 19 feet, the river crested at 28.94 feet on March 18. At New Harmony, IN, where flood stage is 15 feet, the river crested at 20.10 feet on March 21. Near Mount Carmel, the river was above the critical stage of the Rochester-Mcleary Bluff levee. Cattle and farm equipment were moved. Most roads along the river were impassable. Extensive lowland flooding was observed. Flood gates were installed at Mount Carmel, and some mobile homes required evacuation. The Wabash River was more than two miles wide at Interstate 64.									
White County									
Carmi	11 30	1500CST 1200CST			0	0			Flood
Major flooding of the Little Wabash River occurred after repeated episodes of widespread thunderstorms. At Carmi, where flood stage is 27 feet, the river crested at 35.03 feet on March 17. Areas near Routes 1 and 14 in Carmi flooded. County roads were inundated.									
Perry County									
Pinckneyville	11	2205CST			0	0			Hail (0.75)

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ILLINOIS, South

Perry County

**3 NW Cutler to
4 NNW Tamaroa**

11 2215CST 20 300 0 2 1.2M Tornado (F2)
2243CST

The tornado entered Perry County, IL from Randolph County about 1.5 miles south of Highway 154. The Perry County segment of the tornado was rated at its maximum intensity and width shortly after crossing the county line. Shortly after crossing into Perry County, some coal trucks were blown over, and a modular home was totally destroyed on Route 154 near Route 150. Two persons in the home were trapped inside for a time, but they sustained only minor injuries that were treated at a local hospital. Route 150 was closed for 12 hours due to downed trees and power lines. Within a few miles of the destroyed modular home, some hogs were killed at a hog farm, and an empty grain bin was picked up and blown 100 yards into a field. Several eyewitnesses at this location reported two funnels. As the tornado continued its northeast movement, passing northwest of Pinckneyville, it weakened to F1 intensity. Near where it crossed Illinois Route 13, trees were uprooted, roofs were blown off, and power poles were snapped. Siding was blown off a house. Near the end of the tornado track, just northwest of Tamaroa, a metal building was destroyed. Debris from the building was blown about 400 yards. A nearby house lost all of its shingles. Along the 20-mile path through Perry County, dozens of barns and outbuildings were severely damaged or destroyed. Dozens of homes sustained varying degrees of damage, ranging from minor to major. Hundreds of trees were uprooted or snapped. Peak winds on this county segment were estimated at 140 MPH, mainly near the Randolph County line. The average path width was close to 200 yards. A deputy sheriff reported a tornado crossing U.S. Highway 51 north of Tamaroa. This was the last evidence of the tornado, which likely dissipated as it crossed Route 51.

Jefferson County

**Mt Vernon to
3 NE Mt Vernon Arprt**

11 2310CST 0 0 Thunderstorm Wind (G56)
2321CST

Gusts were estimated from 60 to 65 MPH by spotters in Mount Vernon and 3 miles northeast of the Mount Vernon airport.

Jefferson County

**Mt Vernon to
3 E Mt Vernon**

11 2310CST 0 0 Hail (1.75)

Hail was up to the size of quarters in Mount Vernon and golf balls east of the city.

Wayne County

**3.5 SSW Keenes to
2.5 SSW Keenes**

11 2326CST 1 600 0 0 70K Tornado (F1)
2330CST

The tornado began at a place called Middleton in rural southwest Wayne County. A calf was injured after being picked up and thrown against a barn. A few mobile homes were overturned. Swirl marks were still visible in a field four days after the tornado. An old schoolhouse was destroyed, mostly due to a large tree falling on it. Numerous very large trees were uprooted and snapped. Boards were impaled into the ground. One home received extensive roof damage. Two barns were destroyed, and several barns were damaged. Shingles were blown off roofs. There were several eyewitness accounts of the tornado. Peak winds were estimated near 110 MPH. Average path width was 250 yards.

Hamilton County

Mc Leansboro

11 2338CST 0 0 Hail (1.00)

Edwards County

3 W Albion

11 2350CST 0 0 Hail (0.88)

Reported on Route 15.

Edwards County

3 W Albion

11 2350CST 0 0 Thunderstorm Wind (G50)

Downed trees were reported on Route 15.

Perry County

7 N Pinckneyville

11 2351CST 0 0 Hail (1.00)

Edwards County

Albion

12 0012CST 0 0 Hail (0.75)

Wabash County

9 N Mt Carmel

12 0032CST 0 0 Hail (0.75)

Jefferson County

Mt Vernon

12 0100CST 0 0 Hail (0.75)

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ILLINOIS, South									
Jefferson County Countywide	12	0200CST 0500CST			0	0	30K		Flash Flood
Widespread flash flooding inundated thousands of acres of low-lying areas. Many roads were underwater. Rayse Creek and smaller creeks in its vicinity overflowed into woods and fields. In Mount Vernon, the public works director described the flooding as the worst in 31 years. Some streets in Mount Vernon were impassable for several blocks due to major flooding. Several vehicles stalled out in the deep water. Several homes were flooded in the city. Outside the city in other parts of the county, one house was inaccessible by vehicle due to floodwater estimated to be four feet deep. In Bluford, the 300 block of South Street was flooded out. Elsewhere, a basement was covered by 5 inches of water. On North Two Mile Creek Lane, a vehicle became stranded in water. Water rescues were conducted east of Mount Vernon.									
Perry County Countywide	12	0200CST 0600CST			0	0			Flash Flood
Widespread flash flooding inundated thousands of acres, including an area west of DuQuoin along Route 152. All low-lying areas near creeks were under water. At the Pinckneyville-DuQuoin Airport, floodwaters covered the runway and crept up to the hangar building. Two sections of U.S. Route 51 north of Tamaroa were closed due to high water. Secondary roads were closed due to flooding in the northwest quarter of the county. Flooding was reported on Highway 13 between Pinckneyville and Coulterville. The county emergency manager reported the countywide average rainfall was 10 inches.									
Wayne County Fairfield	12	0200CST 0600CST			0	0	50K		Flash Flood
Four roads in Fairfield were flooded. Flood damage to vehicles was reported at a car dealership.									
Wabash County 1 S Mt Carmel	12	0200CST 0600CST			0	0			Flash Flood
Illinois Route 1 was closed just south of Mount Carmel after several rounds of thunderstorms put a stretch of the highway under water. A rain gage at Mount Carmel measured 1.39 inches on March 8, 2.15 inches on March 9, and 4.47 inches March 10-12. Total rainfall for March 8-12 was 8.01 inches.									
Franklin County Benton to Christopher	12	0300CST 0530CST			0	0			Flash Flood
The viaduct between Benton and Christopher was flooded.									
Hamilton County Mc Leansboro to 5 N Mc Leansboro	12	0300CST 0530CST			0	0			Flash Flood
Parts of Highway 242 were flooded from Mcleansboro north.									
Alexander County Thebes	12	0510CST			0	0	8K		Thunderstorm Wind (G52)
Trees and power lines were downed.									
Alexander County Thebes	12	0510CST			0	0			Hail (0.75)
Pulaski County 1 E Ullin to 2 E Karnak	12	0517CST 0531CST			0	0	100K		Thunderstorm Wind (G78)
A continuous path of damage began near the Ullin exit of Interstate 57, which is exit 18. The damage swath was about one mile wide and extended eastward to the Massac County border. Dozens of trees were snapped or uprooted. Near Ullin, a gas station canopy was blown down, and the gas station sustained roof damage. Debris was blown over 100 yards from the gas station. The metal roof was torn off a barbeque stand and blown to Interstate 57. At a car dealership near Ullin, several cars were moved, and one camper was pushed into a ditch. A pickup truck with an attached camper was reportedly overturned at a local motel. A grain silo was blown in, and its roof was blown 100 yards away. A carport and a barn were destroyed. Peak winds were estimated near 90 MPH.									
Massac County 1.3 WSW Boaz to .5 S Boaz	12	0531CST 0534CST	0.9	50	0	0	50K		Tornado (F0)
The continuous path of damage that began near Ullin in Pulaski County became tornadic as it crossed into Massac County. The damage path extended only about a mile into extreme northwest Massac County. The damage ended near State Route 169 at Boaz Road. Dozens of trees were snapped or uprooted. Two barns were destroyed, and a side wall of a third barn was blown out. Power poles were snapped or blown down along Highway 169. A mobile home near Boaz was unroofed and severely damaged. A citizen reported seeing the tornado. Peak winds were estimated near 70 MPH.									
Johnson County Belknap	12	0545CST			0	0			Hail (0.75)

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					Killed	Injured	Property	Crops	

ILLINOIS, South

Massac County
New Columbia 12 0545CST 0 0 **Thunderstorm Wind (G61)**
A trained spotter estimated wind gusts to 70 MPH. The underpinning of a trailer was blown away.

Saline County
1 N Harrisburg 13 0649CST 0 0 1K **Thunderstorm Wind (G52)**
Aluminum siding was blown off a building.

Gallatin County
Shawneetown 14 0500CST 0 0 **Flood**
23 1200CST
The Ohio River reached flood stage at Shawneetown after repeated episodes of widespread thunderstorms. At Shawneetown, where flood stage is 33 feet, the river crested at 38.05 feet on March 19. The flooding was minor, primarily affecting agricultural bottomlands.

ILLINOIS, Southwest

Randolph County
Chester 11 0300CST 0 0 0 **Hail (1.00)**

Randolph County
Red Bud 11 0330CST 0 0 0 0 **Hail (0.75)**

St. Clair County
Marissa 11 0340CST 0 0 0 0 **Hail (0.75)**

Washington County
Okawville 11 0405CST 0 0 0 0 **Hail (0.88)**
0406CST

Adams County
Liberty 11 1505CST 0 0 0 0 **Hail (0.75)**

Pike County
Hull 11 1620CST 0 0 0 0 **Hail (0.88)**

Pike County
Pittsfield 11 1710CST 0 0 0 0 **Hail (0.75)**

Pike County
Pittsfield 11 1715CST 0 0 0 0 **Hail (1.75)**

Pike County
1.5 E Independence to 1.6 E Independence 11 1715CST 0.1 40 0 0 **Tornado (F0)**
1716CST

A small tornado formed east of Independence in a rural area and snapped and uprooted a few trees. Between 5:16 and 5:20 pm CST a witness observed 3 small funnel clouds rotating around a larger funnel cloud as it moved northeast past Independence. However there was no visible debris and no damage was found.

Pike County
Milton 11 1720CST 0.1 50 0 0 **Tornado (F0)**
1721CST

The thunderstorm that produced the small tornado near Independence produced another small tornado in Milton. Two garage doors and an awning from a home were damaged. A number of large tree limbs were also down in town.

Pike County
Pittsfield 11 1725CST 0 0 0 0 **Hail (0.88)**

Brown County
2 SE Versailles 11 1735CST 0 0 0 0 **Hail (0.88)**

Randolph County
Ellis Grove 11 2145CST 0 0 0 0 **Hail (0.88)**

Randolph County
Blair 11 2200CST 0 0 0 0 **Hail (0.75)**

Monroe County
2 SW Fults to Fults 11 2146CST 2.4 100 0 0 0 **Tornado (F1)**
2150CST

The third tornado from the Jefferson County, MO supercell thunderstorm formed about 2 miles southwest of Fults about 9:46 pm CST. It destroyed a large grain bin as it moved east northeast. As it moved into the town of Fults, it caused minor roof damage and siding damage to 2 homes and minor roof damage to the Post Office. Two small sheds in the area were also destroyed. Several pine trees were snapped off at the tornado left Fults and dissipated. The maximum damage path was 100 yards wide with a F1 rating.

Storm Data and Unusual Weather Phenomena

March 2006

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

ILLINOIS, Southwest

Monroe County

**3.2 SW Fults to
1.6 WNW Fults**

11	2147CST 2150CST	2	100	0	0	0	0	0	Tornado (F2)
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The second Jefferson County, MO tornado crossed the Mississippi River into Monroe County Illinois at about 9:47 pm CST and moved north northeast for about 2 miles. Several trees were and outbuildings were damaged just to the southwest and northwest of Fults. The maximum width was 100 yards with a F2 rating.

Randolph County

**6.5 SW Chester to
4 NNE Percy**

11	2147CST 2215CST	22.5	300	0	0				Tornado (F2)
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The fourth tornado from the Southeast Missouri supercell crossed into Randolph County Illinois about 9:47 pm CST moving across the southern portion of Kaskaskia Island. Debris originating from near St. Marys, Missouri was found in some fields on the island. Numerous snapped or uprooted trees were found on the island. The tornado crossed the Mississippi River on the north side of Chester with a damage path about 300 yards wide. F2 level damage was found just north of the Chester Correctional Center where a number of trees were leveled or snapped off. The tornado produced F1 damage at the Gorden Bud Cohen Recreational Complex where three wooden light posts were snapped off near the base, and several ball fields backstops and fences were blown over. Just to the east, three large pole barns and several outbuildings were destroyed, and a house had roof and exterior damage. The damage at this point was 300 yards wide and rated F2. The tornado continued to produced F1 to F2 damage along the remainder of its path through Randolph County with a nearly continuous 300 yard width. A Notable area of F2 damage were found just north and northeast of Bremen along Highway 150. This damage consisted of metal high power electric towers blown down, a destroyed mobile home, a number of destroyed barns and metal outbuildings, roof and exterior damage to several homes, and numerous trees uprooted. F2 damage was also found near Highway 150 about 1.5 miles west of Steeleville. The rear portion of a house had considerable roof and structural damage, several detached garages were destroyed, at least 5 metal outbuildings were destroyed, several barns destroyed, signs broken, and trees and power poles snapped. The tornado finally exited Randolph County about 1.5 miles south of Highway 154 on County Line Road about 10:15 pm CST.

Monroe County

Burksville

11	2154CST			0	0	0	0	0	Hail (0.88)
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Randolph County

Evansville

11	2205CST			0	0			0	Hail (1.00)
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Randolph County

10 W Sparta

11	2208CST			0	0			0	Hail (1.75)
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Randolph County

Evansville

11	2225CST			0	0	0	0	0	Hail (0.75)
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Washington County

Dubois

11	2301CST			0	0	0	0	0	Hail (0.75)
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Randolph County

Evansville

11	2305CST			0	0			0	Hail (1.00)
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Randolph County

Sparta

11	2320CST			0	0			0	Hail (0.75)
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Monroe County

Valmeyer

11	2340CST			0	0	0	0	0	Hail (0.75)
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Monroe County

Renault

12	0110CST			0	0	0	0	0	Hail (0.88)
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Randolph County

Countywide

12	0210CST 0630CST			0	0			0	Flash Flood
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Several rounds of thunderstorms moved through the area with 3 to 5 inches of rain reported in some locations. Flooding was reported in the Tilden area where a water rescue had to be performed after the road washed out. No injuries were reported. Also, numerous county roads were closed due to flooding.

Washington County

Countywide

12	0215CST 0740CST			0	0			0	Flash Flood
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Several rounds of thunderstorms moved through the area with 3 to 5 inches of rain reported in some locations. Portions of state highways 15 and 160 were closed for a time due to flooding as well as roads in the town of Okawville. Portions of highway 127 between Nashville and I-64 were closed. The DuBois blacktop west of town had water covering it for nearly a mile. Fields across southern Washington county were mostly covered with water.

Adams County

Fall Creek

12	1145CST			0	0	0	0	0	Hail (0.75)
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Adams County

Kingston

12	1205CST			0	0	0	0	0	Hail (0.88)
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Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, Southwest									
Adams County 4 ENE Plainville	12	1205CST			0	0	0	0	Hail (0.75)
Calhoun County 5 NW Kampsville to 6 N Kampsville	12	1904CST 1911CST	6	50	0	0			Tornado (F0)
A long track tornado that eventually hit Springfield, IL started as a small tornado over northern Calhoun County near the intersection of Hillcrest and Belleview Road on Farmers Ridge, or about 5 miles northwest of Kampsville. The tornado damaged a machine shed, one other smaller outbuilding and downed a few large trees. The tornado also caused damage along Highway 100 near the Illinois River. A barn was damaged and a number of large trees downed. The damage was rated F0. The tornado then crossed into extreme southeast Pike County.									
Pike County 4 S Pearl to 3.5 SSE Pearl	12	1911CST 1912CST	1	40	0	0			Tornado (F0)
The tornado that started over northern Calhoun County crossed the extreme southeast corner of Pike County where it damaged a barn and several large trees. The tornado then continued into Greene County.									
Greene County 5 SW Hillview to 2 NNE Barrow	12	1912CST 1929CST	15	100	0	0			Tornado (F2)
The tornado that started in Calhoun County and moved across extreme southeast Pike County next moved into Greene County southwest of Hillview and caused damage at a farm in the Illinois River flood plain. Two machine sheds were destroyed while a house sustained roof, window, and siding damage. The damage was rated F1 at this location. The tornado moved across the town of Hillview at approximately 7:15 pm CST. A number of homes sustained minor damage while one two story brick building was damaged. Several large limbs and a few large trees were also down in town. The width of the damage area was approximately 100 yards and the damage intensity was F0. The tornado continued to move northeast and lay a continuous path of mainly tree damage from Hillview to Patterson. Two machine sheds at a farmstead 2 miles southwest of Patterson were destroyed. The width of the damage area was 75 yards wide and was rated F0. In the town of Patterson a number of homes sustained varying degrees of damage while one house trailer was severely damaged. The tornado continued to move northeast over farmlands northeast of Patterson to 1 mile north northeast of the small community of Barrow. Several large grain silos and machine sheds were destroyed while two farm homes sustained varying degrees of damage. Debris from the silos and machine sheds were tossed 1/8 to 1/4 mile to the northeast. The tornado also downed over a mile of high voltage power lines along Highway 106. The tornado moved across the Greene Scott County line just east of Queen Road about 2 miles northeast of Barrow. The damage intensity northeast of Barrow was rated F2.									
Calhoun County Belleview	12	1905CST			0	0	0		Thunderstorm Wind (G52)
Several trees were blown down just west of town on State Route 96.									
Greene County 2 SW Barrow to 1 ENE Barrow	12	1920CST 1925CST	3.5	100	0	2			Tornado (F1)
A second tornado formed 0.75 miles south of the Calhoun Green County tornado approximately 2.0 miles southwest of Barrow at 7:20 pm CST. This tornado initially damaged a few machine sheds and grain silos west of Highway 106 then traveled through the town of Barrow injuring 2 people, destroying two house trailers and damaging a number of homes in town. The second tornado continued to parallel the first tornado then dissipated near the intersection of County Roads 2550E and 2750N or 1.0 mile east northeast of Barrow. The damage width of this tornado was approximately 100 yards and total damage length was 3.5 miles. The damage associated with this tornado was rated F1. A witness in the town of barrow saw the first tornado and this one on the ground at the same time.									
Greene County .7 NW Barrow to 1.5 NNE Barrow	12	1925CST 1928CST	2	75	0	0			Tornado (F1)
The Calhoun Greene County supercell thunderstorm produced a third tornado about 0.25 mile north of the intersection of County Road 2700n and Highway 106, about 0.75 mile northwest of Barrow. This tornado was approximately 0.25 mile north of the first tornado damage track and also paralleled the first damage track. A home on a farmstead sustained minor damage while two machine sheds were destroyed. Three other machine sheds were destroyed by this tornado just south of the Greene Scott county line. The tornado then continued into Scott County. The total damage track was about 2 miles while the damage width was 75 yards. The damage associated with this tornado was F1 intensity.									
Calhoun County Kampsville	13	0055CST			0	0	0		Hail (1.00)
Greene County White Hall	13	0115CST			0	0	0		Hail (1.00)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

Calhoun County

1.5 SSE Mozier to
3 W Kampsville

13	0156CST 0203CST	6	50	0	0				Tornado (F0)
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The Montgomery, Lincoln and Pike County, Missouri tornado crossed the Mississippi River south southeast of Mozier and continued to 3 miles west of Kampsville. Damage was limited to snapped and uprooted trees.

Madison County

Alton

13	0305CST			0	0				Hail (0.75)
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St. Clair County

2 SW Belleville

13	0407CST			0	0				Thunderstorm Wind (G59)
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Randolph County

Red Bud

13	0421CST			0	0				Hail (0.75)
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Randolph County

5 W Baldwin

13	0422CST			0	0				Hail (0.75)
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Pike County

Barry

30	2255CST			0	0				Hail (1.75)
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Pike County

1.2 S Barry to
1 NE Hadley

30	2255CST 2305CST	4.5	200	0	0				Tornado (F1)
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The first Pike County tornado touched down 1.2 miles south of Barry, at the intersection of 1850N and 1750E. The tornado damaged a house at this location that was made of prefabricated panels of compressed Styrofoam insulation. The roof was completely lifted off with some of the panels being deposited 250 yards to the north. The entire north wall fell away from the structure. Debris was scattered across an open field up to one mile to the northeast. At this location, the tornado was 100 yards wide and produced F0 damage. Further to the northeast along the track on 1900N, several outbuildings were damaged and a two foot diameter walnut tree was blown over. The residence had minor shingle, siding and trim damage. The tornado was 200 yards wide and produced F0 damage at this location. The tornado continued northeast 3.5 miles toward Hadley, crossing I-72 near mile marker 22. Along this portion of the track, the tornado caused minor exterior damage to residences and produced minor tree damage. The tornado ranged from 50 to 100 yards wide and produced F0 damage. In Hadley, a two story brick home sustained extensive damage. The roof was lifted off and destroyed. The back half of the second story was completely demolished. Extensive tree damage also occurred. A grain wagon and auger were tipped over. A barn lost some of its tin roof and two wooden telephone poles were leaning east. Debris was scattered northeast for about half a mile. At this location, the tornado was 150 yards wide and produced F1 damage. The tornado dissipated one mile northeast of Hadley.

Pike County

1 SSE Baylis to
2.5 NE Baylis

30	2310CST 2315CST	2.7	250	0	0				Tornado (F1)
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The second Pike County tornado touched down 1 mile south southeast of Baylis, just west of County road 2500E. The tornado moved northeast and damaged a barn on road 2500E about a half mile south of County Road 2200N. The barn lost some roof and siding panels. At this location, the tornado was 75 yards wide and produced F0 damage. The tornado continued to the northeast and damaged 2 houses and a barn on 2200N about a mile east of Baylis. One of the homes was missing half of its shingles on the south side of the roof and the other home sustained minor shingle and trim damage. Several large evergreen trees were snapped off and a barn was destroyed. The tornado was 250 yards wide and produced F1 damage at this location. The tornado continued northeast and damaged a barn on County Road 2700E, about 2 miles northeast of Baylis. Debris from the barn was scattered 100 yards to the northeast. At this location, the tornado was 50 yards wide and produced F0 damage. The tornado dissipated just northeast of this location.

INDIANA, Central

Daviess County

Countywide

09	1530EST 1830EST			0	0	0	0		Flood
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Several roads in the county were closed by high water. No property damage was reported.

Hancock County

Countywide

09	1530EST 1830EST			0	0	0	0		Flood
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Fourteen roads throughout the county were closed by high water. No property damage was reported.

Marion County

Indianapolis

09	1530EST 1830EST			0	0	10K	0		Flood
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A car was caught in high water on East 21st Street, and five feet of standing water was reported on Eastbourne Drive.

Monroe County

Countywide

09	1530EST 1830EST			0	0	0	0		Flood
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Several state roads were flooded, and Brummett Creek left its banks east of Bloomington. No property damage was reported.

Storm Data and Unusual Weather Phenomena

March 2006

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									
Morgan County									
Countywide	09	1530EST 1830EST			0	0	0	0	Flood
			Water was flowing over several roads in and around Paragon. No property damage was reported.						
Owen County									
3 W Spencer	09	1530EST 1830EST			0	0	10K	0	Flood
			A car was caught in water on State Road 46 at Rattlesnake Creek.						
Putnam County									
Manhattan	09	1600EST			0	0	0	0	Thunderstorm Wind (G50)
			A tree felled by thunderstorm winds was struck by a vehicle later in the evening of 9 March 2006. The driver was injured (indirect).						
Martin County									
Shoals	09	1630EST 1930EST			0	0	0	0	Flood
			County roads were flooded near Shoals. No property damage was reported. Strong thunderstorms produced significant rainfall over central Indiana, causing sporadic areal flooding. Little property damage was reported.						
Greene County									
Newberry	09 19	1720EST 0421EST			0	0	100K		Flood
Knox County									
Decker	09 26	2040EST 0052EST			0	0	100K		Flood
Daviess County									
3 W Plainville	09 20	2041EST 2000EST			0	0	100K		Flood
Owen County									
Spencer	09 17	2319EST 0846EST			0	0	100K		Flood
Morgan County									
Centerton	12 15	0644EST 1423EST			0	0	100K		Flood
			Several bouts of heavy precipitation brought flooding to the White River in central and southwest Indiana. Crests were as high as nearly 12 feet above flood stage. Damage amounts are estimated.						
Jackson County									
Rockford	10 17	0000EST 1741EST			1	0	100K		Flood
			M25VE						
Lawrence County									
Bedford	12 21	0230EST 0000EST			1	0	100K		Flood
			M28BO						
Bartholomew County									
Columbus	12 15	0740EST 1127EST			0	0	100K		Flood
Martin County									
Shoals	12 21	1000EST 2004EST			0	0	100K		Flood
Daviess County									
Hudsonville	12 21	1200EST 2100EST			0	0	100K		Flood
			Several bouts of heavy precipitation brought significant flooding to the East Fork White River in south central Indiana. One man was killed when he drove into a flooded road in Jackson County, while another was killed when he fell from a boat on a swollen tributary of the East Fork. Crests along the East Fork White were as high as 14 feet above flood stage. Damage amounts are estimated.						
Randolph County									
5 W Ridgeville	11 12	2100EST 0000EST			0	0	20K	0	Flood
			Two separate water rescues were required when vehicles drove into high water near the Mississinewa River.						

Storm Data and Unusual Weather Phenomena

March 2006

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									
Tippecanoe County									
West Lafayette	11	2145EST 2150EST			0	0	0	0	Hail (0.88)
Tippecanoe County									
5 NW West Lafayette	11	2155EST 2205EST			0	0	5K	0	Hail (1.75)
Golfball sized hail damaged a Sheriff deputy's car.									
Carroll County									
Lockport	11	2212EST 2214EST			0	0	0	0	Hail (0.75)
Monroe County									
3 W Bloomington	12	0500EST 0800EST			0	0	0	0	Flood
Two roads were closed due to high water. No property damage was reported. Scattered thunderstorms moved through central Indiana late in the evening and during the overnight hours of 11-12 March 2006. Heavy rain caused some flooding, and two isolated severe storms developed over northwest central Indiana.									
Sullivan County									
Riverton	11 21	2315EST 1154EST			0	0	100K		Flood
Parke County									
Montezuma	12 19	0801EST 0230EST			0	0	100K		Flood
Vermillion County									
Clinton	12 19	0801EST 0230EST			0	0	100K		Flood
Tippecanoe County									
Lafayette	12 16	1021EST 2025EST			0	0	100K		Flood
Vigo County									
Terre Haute	12 19	1502EST 0610EST			0	0	100K		Flood
Fountain County									
Covington	12 17	1727EST 2013EST			0	0	100K		Flood
Warren County									
Williamsport	12 17	1727EST 2013EST			0	0	100K		Flood
Knox County									
Vincennes	12 20	2137EST 1740EST			0	0	100K		Flood
Several bouts of heavy precipitation brought significant flooding to the Wabash River in central Indiana. Crests were as high as 5.2 feet above flood stage. Damage amounts are estimated.									
Bartholomew County									
Hope	12	0330EST			0	0	60K	0	Lightning
The home of Pauly Quillen Yeadon, 72, was struck by lightning and severely damaged by the ensuing fire early on the morning of 12 March 2006. Three separate fire departments responded to the call, and managed to extinguish the fire, but not before it damaged the entire second floor. The first floor suffered significant water damage.									
INZ051>054									
Vigo - Clay - Owen - Morgan									
	21	0700EST 1100EST			0	0	0	0	Heavy Snow
Six inches of snow fell. A low pressure system sliding to the south of central Indiana brought a snowy start to Spring 2006. Most snowfall totals were less than six inches, although some areas did approach or exceed that mark. Regardless of snowfall totals, the heaviest snow fell during the morning rush hour, significantly snarling the morning commute for many drivers. The 5.4 inches which fell at Indianapolis was the fourth largest 24 hour snow total after March 15 on record, and marked only the sixth time in the period of record that a snowfall of five inches or more occurred on or after March 15th.									
Carroll County									
4 NE Flora	31	1726EST 1728EST			0	0	0	0	Hail (0.88)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>INDIANA, Central</u>									
Carroll County 5 NNE Flora	31	1731EST 1732EST			0	0	0	0	Hail (0.88)
Clinton County Mulberry	31	1738EST 1740EST			0	0	0	0	Hail (0.75)
Clinton County 7 SE Rossville	31	1745EST 1747EST			0	0	0	0	Hail (0.88)
Howard County 10 WNW Kokomo	31	1755EST 1757EST			0	0	0	0	Hail (0.75)
Montgomery County Crawfordsville	31	1755EST 1757EST			0	0	0	0	Hail (0.75)
Boone County Thorntown	31	1759EST 1801EST			0	0	0	0	Hail (1.00)
Howard County 6 SW Kokomo	31	1812EST 1814EST			0	0	0	0	Hail (0.75)
Vigo County Fontanet	31	1817EST 1819EST			0	0	0	0	Hail (1.00)
Howard County 1 N Kokomo	31	1820EST 1822EST			0	0			Hail (1.50)
Howard County 1 N Greentown	31	1825EST 1827EST			0	0	0	0	Hail (1.00)
Howard County Kokomo	31	1825EST 1827EST			0	0	0	0	Hail (0.75)
Clay County Brazil	31	1830EST 1832EST			0	0			Hail (1.75)
Clay County 3 N Brazil	31	1830EST 1832EST			0	0			Hail (1.75)
Howard County Greentown	31	1830EST 1832EST			0	0	0	0	Hail (1.00)
Clay County Brazil	31	1833EST 1838EST			0	0	0	0	Hail (1.00)
Putnam County Greencastle	31	1833EST 1835EST			0	0	0	0	Hail (0.75)
Howard County Greentown	31	1834EST 1836EST			0	0	0	0	Hail (1.00)
Putnam County Greencastle	31	1835EST 1837EST			0	0	0	0	Hail (1.00)
Hamilton County Sheridan	31	1836EST 1838EST			0	0	0	0	Hail (1.00)

Storm Data and Unusual Weather Phenomena

March 2006

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

Hendricks County

**4.5 W Brownsburg to
2.5 W Brownsburg**

31	1839EST 1841EST	2	75	0	0	50K	0	Tornado (F0)
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A small tornado touched down near Brownsburg on 31 March 2006. Damage was confined mostly to outbuildings and trees.

Putnam County

2 W Cloverdale

31	1842EST 1844EST			0	0	0	0	Hail (0.75)
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Morgan County

Mooreville

31	1848EST 1850EST			0	0	0	0	Hail (1.00)
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Hamilton County

6 N Noblesville

31	1850EST 1852EST			0	0	0	0	Hail (1.00)
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Owen County

Cunot

31	1852EST 1854EST			0	0	0	0	Hail (1.00)
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Putnam County

3 NW Cloverdale

31	1853EST 1855EST			0	0			Hail (1.75)
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Marion County

Indianapolis

31	1910EST			0	0	0	0	Thunderstorm Wind (G53)
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Sullivan County

Hymera

31	1910EST 1912EST			0	0			Hail (1.75)
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Clay County

Bowling Green

31	1911EST 1913EST			0	0	0	0	Hail (0.75)
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Greene County

Jasonville

31	1918EST 1923EST			0	0			Hail (1.75)
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Storm Data and Unusual Weather Phenomena

March 2006

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

Johnson County

**1 E Greenwood to
8 E Greenwood**

31 1920EST 7 350 0 0 3M 0 Tornado (F2)



This was one of the most significantly damaged homes in Johnson County.

A tornado touched down just west of Interstate 65 and Main Street in Greenwood on the evening of 31 March 2006. This tornado was on the ground for 25 minutes, covered an area 17 miles long, and caused significant damage to several homes and businesses along its path, which continued into neighboring Shelby County. At its peak, near the small town of London in Shelby County, the tornado was a strong F2, with a width of four tenths of a mile. The tornado lifted near US 52 and State Road 9 in north central Shelby County. According to the American Red Cross of Greater Indianapolis, more than 140 homes were damaged, some of them severely. Fortunately, no fatalities or life-threatening injuries were reported, although at least one driver, Megan Mahoney of Chesterfield, MO, sustained a concussion when her car was rolled or tossed off of Interstate 74 in Shelby County and into the yard of a home over 150 feet away. This was the third significant tornado in just over three and a half years to affect the southern suburbs of the Indianapolis metropolitan area.

Marion County

3 SE Indianapolis

31 1923EST 0 0 0 0 Hail (0.75)

Delaware County

6 S Muncie

31 1930EST 0 0 0 0 Hail (0.75)

Delaware County

4 SW Muncie

31 1930EST 0 0 15K 0 Thunderstorm Wind (G60)

Straight line winds tore the roof off of a barn and blew down trees and power lines along Proctor Road southwest of Muncie.

Johnson County

Franklin

31 1930EST 0 0 0 0 Hail (1.00)

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					Killed	Injured	Property	Crops	

INDIANA, Central

Shelby County

12 NW Shelbyville to
12 N Shelbyville

31	1930EST 1945EST	10	700	0	1	5M	0	Tornado (F2)
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This was some of the worst damage along the entire 17 mile path of the Johnson/Shelby County tornado. This photo was taken along Frontage Road near London Road and Interstate 74. While some walls were partially taken down by the tornado, the structural integrity of the home was insufficient to justify a higher rating.

A tornado touched down just west of Interstate 65 and Main Street in Greenwood on the evening of 31 March 2006. This tornado was on the ground for 25 minutes, covered an area 17 miles long, and caused significant damage to several homes and businesses along its path, which continued into neighboring Shelby County. At its peak, near the small town of London in Shelby County, the tornado was a strong F2, with a width of four tenths of a mile. The tornado lifted near US 52 and State Road 9 in north central Shelby County. According to the American Red Cross of Greater Indianapolis, more than 140 homes were damaged, some of them severely. Fortunately, no fatalities or life-threatening injuries were reported, although at least one driver, Megan Mahoney of Chesterfield, MO, sustained a concussion when her car was rolled or tossed off of Interstate 74 in Shelby County and into the yard of a home over 150 feet away. This was the third significant tornado in just over three and a half years to affect the southern suburbs of the Indianapolis metropolitan area.

Monroe County

Bloomington

31	1952EST 2005EST			0	0	0	0	Hail (0.75)
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Shelby County

2 W Flat Rock to
Flat Rock

31	2005EST 2010EST			0	0	100K	0	Thunderstorm Wind (G80)
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Straight line winds toppled several high tension transmission towers and destroyed a church. Several other buildings were damaged as well.

Bartholomew County

11 NE Columbus

31	2012EST 2014EST			0	0	0	0	Hail (0.75)
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Decatur County

Greensburg

31	2033EST 2035EST			0	0	0	0	Hail (1.00)
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Rush County

Milroy

31	2034EST 2036EST			0	0	0	0	Hail (0.75)
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Jackson County

1 NE Freetown

31	2115EST			0	0	0	0	Thunderstorm Wind (G50)
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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>INDIANA, Central</u>									
Jennings County									
3 NE Vernon	31	2120EST 2122EST			0	0			Hail (1.75)
Martin County									
Shoals	31	2122EST 2124EST			0	0	0	0	Hail (1.00)
<p>Severe thunderstorms which formed over northwest central Indiana quickly transitioned to a powerful and expanding squall line with embedded supercells that moved southeast through central Indiana during the afternoon and evening of 31 March 2006. Two tornadoes touched down in the 9-county Indianapolis metropolitan area, one of which was on the ground for 17 miles and did an estimated 8 million dollars in damage.</p>									
<u>INDIANA, Northeast</u>									
White County									
Brookston	11	2208EST 2209EST			0	0			Hail (1.00)
White County									
Chalmers	11	2209EST 2210EST			0	0			Hail (0.75)
White County									
Brookston	11	2210EST 2211EST			0	0			Hail (0.88)
Cass County									
2 SSW Walton	11	2215EST 2216EST			0	0			Hail (0.75)
White County									
Burnettsville	11	2215EST 2216EST			0	0			Hail (0.75)
Elkhart County									
Elkhart	13	0330EST 0331EST			0	0	25K		Thunderstorm Wind (G50)
<p>Trees and power lines were reported down throughout the county.</p>									
Kosciusko County									
4 ENE Leesburg	13	0558EST 0559EST			0	0			Thunderstorm Wind (G55)
<p>Top 8 feet of a roughly 20 foot high, 14 inch diameter tree was broke off, falling into a private yard.</p>									
Kosciusko County									
3 SE Milford to 4 SE Milford	13	0603EST 0605EST			0	0	265K		Thunderstorm Wind (G60)
<p>A survey of damage at the Maple Leaf Farms Distribution center, southeast of Milford, concluded that straight line winds were the cause of damage to a cold storage building. As winds striking the west side of the building interacted with the pressure within the cold storage vault, causing a vacuum that resulted in numerous panels, as well as insulation, being pulled off the building. The refrigeration equipment did not suffer any damage. However, much of its contents were exposed to the outside air, resulting in some loss of the food. Roof damage was also reported at 3 smaller buildings. As the winds continued east, trees and power lines were knocked down in an around Blueberry Island, on Dewart Lake. Damage is estimated at \$250,000 at Maple Leaf Farms and roughly \$15,000 on Blueberry Island.</p>									
Marshall County									
Countywide	13	0630EST 0634EST			0	0			Thunderstorm Wind (G55)
<p>Numerous trees were blown down along US-6 from the northwest part of the county towards Bremen. Also trees down and damage to a barn roof were reported in Bremen.</p>									
Marshall County									
4 S Lapaz	13	0815EST 0910EST			0	0			Flood
<p>A low area of Oak Road, near Lapaz, had 12 to 18 inches of water across the road.</p>									
Pulaski County									
6 NW Winamac	13	0821EST 0822EST			0	0			Hail (0.88)

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					Killed	Injured	Property	Crops	
<u>INDIANA, Northeast</u>									
Starke County 8 S Knox to Knox	13	0829EST 0835EST			0	0			Hail (1.00)
Penny size hail was reported 8 miles south of Knox, with 1 inch diameter hail being reported in Knox as the storm progressed across the county.									
Cass County Onward	31	1746EST			0	0			Hail (1.00)
Cass County 4 SE Walton	31	1746EST			0	0			Hail (0.88)
Wabash County Lincolville	31	1820EST			0	0			Hail (1.50)
Wabash County La Fontaine	31	1824EST			0	0			Hail (0.75)
Huntington County Mt Etna	31	1832EST			0	0			Hail (0.88)
Grant County Swayzee	31	1835EST			0	0			Hail (0.75)
Grant County 3.5 S Marion	31	1844EST			0	0			Hail (0.75)
Huntington County 1 S Warren	31	1844EST			0	0			Hail (0.88)
Wells County 1 N Bluffton	31	1900EST			0	0			Thunderstorm Wind (G50)
Several trees blown down.									
Adams County Monroe	31	1928EST			0	0			Hail (0.88)
Jay County Pennville	31	1935EST			0	0			Thunderstorm Wind (G50)
Trees blown down.									
<u>INDIANA, Northwest</u>									
Lake County Schererville	13	0115CST			0	0			Thunderstorm Wind (G52)
Wind gusts were estimated to 60 mph.									
Newton County Kentland	13	2315CST 2317CST			0	0			Hail (1.00)
INZ001 Lake	31	1300CST			0	0			High Wind (G58)
A gust to 67 mph was measured at Gary Airport at 100 pm CST.									
<u>INDIANA, South Central</u>									
Dubois County 2 N Holland	09	1542EST			0	0	75K		Thunderstorm Wind (G65)
A barn was destroyed and a house was damaged by thunderstorm winds.									
Crawford County 1 W Leavenworth	09	1610EST			0	0			Thunderstorm Wind (G50)
Orange County Countywide	09	1610EST			0	0			Thunderstorm Wind (G50)
Perry County Derby	09	1610EST			0	0			Thunderstorm Wind (G50)
Crawford County Brownstown	09	1628EST			0	0			Thunderstorm Wind (G50)
Dubois County Birdseye	09	1700EST 1900EST			0	0			Flash Flood
Water covered parts of Indiana Highway 145.									
Scott County Nabb	09	1740EST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
INDIANA, South Central									
Perry County									
Tell City	09	2201EST			0	0	25K		Thunderstorm Wind (G50)
									A thunderstorm wind gust blew a tree on to the roof of a home.
Harrison County									
Countywide	09	2230EST			0	0			Thunderstorm Wind (G50)
Harrison County									
Corydon	09	2231EST 2242EST			0	0			Thunderstorm Wind (G52)
									A spotter reported a 60 MPH wind gust on the south side of Corydon. Trees were downed on Highway 135.
Floyd County									
New Albany	09	2247EST 2251EST			0	0			Thunderstorm Wind (G52)
									An off duty NWS employee estimated a 60 MPH wind gust, along with power lines downed.
Clark County									
Countywide	09	2255EST			0	0			Thunderstorm Wind (G50)
									A series of upper level impulses, moving along a surface warm front, set off lines of thunderstorms over South Central Indiana. Thunderstorm winds downed trees and power lines over much of the area, and did some isolated structural damage.
Jefferson County									
Deputy	09 10	2310EST 1510EST			0	0			Flood
									The Muscatatuck River at Deputy crested around 23.09 feet at 545 AM EST on March 10. Flood stage at Deputy is 20 feet. Minor flooding occurs at this level, with county roads under water in the Crothersville Bottoms area.
Crawford County									
English	11	0637EST			0	0			Hail (0.88)
Dubois County									
Ferdinand	11	0650EST			0	0			Hail (1.00)
Perry County									
Bristow	11	0657EST			0	0			Hail (0.75)
Crawford County									
Taswell	11	0707EST			0	0			Hail (0.75)
									Non-severe hail was reported in other locations. Pea size hail fell in Huntingburg in Dubois County. Marble size hail fell in English in Crawford County, and near Memphis in Clark County.
Dubois County									
Countywide	11	0913EST 1425EST			0	0			Flash Flood
									Numerous roads were closed due to high water. Cars were stalling in high water. Water was flowing across Jasper-Dubois Road, Schnellville Road, and Division Road.
Crawford County									
Countywide	11	0920EST 1425EST			0	0			Flash Flood
									Numerous roads and streets in Marengo and English were closed due to high water.
Washington County									
Countywide	11	1005EST 1425EST			0	0			Flash Flood
									Highway 256 at Highway 39 was covered by around a foot of water and closed. State Road 335 at Martinsburg was closed. Whiskey Run and Williams Knob Roads in Pekin were closed. A motorist was stranded by high water on Becks Mill Road in Salem. Highway 150 near Hardinsburg was down to one lane open. A bridge in Pekin near Main Street was under water.
Perry County									
Countywide	11	1021EST 1425EST			0	0			Flash Flood
									State Road 66 near Derby was closed due to high water. Highway 145 just north of Interstate 64 was impassable in spots.
Orange County									
Countywide	11	1200EST 1425EST			0	0			Flash Flood
									Highway 337 in the Lost River area was closed due to high water.
Clark County									
Countywide	11	0955EST 1430EST			0	0			Flash Flood
									U.S. 31 and Indiana Highway 160 were impassable near Henryville. Many side roads in the Borden area were impassable and some homes were surrounded by water.

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<u>INDIANA, South Central</u>									
Scott County									
Scottsburg	11	1357EST 1430EST			0	0			Flash Flood
									Residents in Scottsburg reported water backing up into their basements.
Floyd County									
Countywide	11	1407EST 1445EST			0	0			Flash Flood
									Numerous roads and highways were covered with water.
Harrison County									
Countywide	11	1410EST 1445EST			0	0			Flash Flood
									Parts of Highway 150 north of Bradford were covered with water.
Crawford County									
Countywide	11	1415EST 2130EST			0	0			Flood
Dubois County									
Countywide	11	1415EST 2130EST			0	0			Flood
Orange County									
Countywide	11	1415EST 2130EST			0	0			Flood
Perry County									
Countywide	11	1415EST 2130EST			0	0			Flood
Washington County									
Countywide	11	1415EST 2130EST			0	0			Flood
									Afternoon thunderstorms redeveloped over areas that had flash flooding in the morning. Many roads were closed due to high water. A motorist in Washington County was trapped by high water and had to be rescued.
Clark County									
Countywide	11	1430EST 2130EST			0	0			Flood
Scott County									
Countywide	11	1430EST 2130EST			0	0			Flood
Floyd County									
Countywide	11	1445EST 2130EST			0	0			Flood
Harrison County									
Countywide	11	1445EST 2130EST			0	0			Flood
									Thunderstorms redeveloped Saturday afternoon over areas that had been affected by flash flooding in the morning. Many area roads and highways were closed by high waters.
Washington County									
Fredericksburg	11 13	1740EST 1010EST			0	0	500K		Flood
									The Blue River at Fredericksburg crested at 24.76 feet around 430 AM EST on March 12. Flood stage at Fredericksburg is 20 feet. Moderate flooding occurs at this level. Highway 150 is closed, and some flood waters enter businesses in the town of Fredericksburg. Homes and businesses in Milltown in Crawford County were flooded. Some residents had to be evacuated.
Jefferson County									
Deputy	11 13	1810EST 1130EST			0	0			Flood
									The Muscatatuck River at Deputy crested around 25.82 feet at 445 PM EST on March 12. Flood stage at Deputy is 20 feet. Minor flooding occurs at this level. County roads in the Crothersville Bottoms area are under water.
Dubois County									
Countywide	12	0417EST 0736EST			0	0			Flash Flood
									County roads near Ireland were under water. State Road 145 was closed between Birdseye and Interstate 64. Several other county roads were closed, as were some streets in downtown Jasper.

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<u>INDIANA, South Central</u>									
Orange County Countywide	12	0451EST 0736EST			0	0			Flash Flood
									Parts of the town of French Lick were flooded. Highway 337 was closed between Orleans and Livonia. Highway 150 was closed between Paoli and Prospect. Highway 56 was closed between Prospect and the Dubois County line. Most of the major roads around Paoli, French Lick, and West Baden Springs were covered with water, and the county declared a state of emergency.
Scott County Countywide	12	0530EST 0834EST			0	0			Flash Flood
									Numerous roads were closed due to high water.
Washington County Countywide	12	0530EST 0834EST			0	0			Flash Flood
									Highway 150 was closed at Fredericksburg, and also at the intersection with Indiana 66. Numerous other roads around the county were closed due to high water.
Harrison County Countywide	12	0614EST 0949EST			0	0			Flash Flood
									In Corydon, the slab bridge over Big Indian Creek was closed. Corydon-Ramsey Road was closed at Big John Road. Out in the county, sections of Highway 150 were closed.
Clark County Countywide	12	0632EST 0949EST			0	0			Flash Flood
									Ebenezer Church Road was closed by high water. Parts of U.S. Highway 31 were closed. Parts of Highway 160 were under water and closed.
Jefferson County 8 WNW Madison	12	0749EST 0834EST			0	0			Flash Flood
									State Highway 250 near Highway 1000W was impassable due to flooding from nearby creeks.
Crawford County Milltown	12	0805EST 0901EST			0	0			Flash Flood
									Several roads near Milltown were impassable due to high water.
Perry County Tell City	12	0845EST 0901EST			0	0			Flash Flood
									State Highway 37 near Tell City was covered by water. Many other roads in the county were flooded, prompting the county to declare a state of emergency. Area flood warnings were issued for most of the counties in South Central Indiana through the late afternoon or early evening hours of March 12. Persistent rainfall through the afternoon hours caused travel problems into the early evening.
Orange County 3 W Paoli	31	2145EST			0	0			Thunderstorm Wind (G52)
									Law enforcement estimated a 60 mph wind gust. Large tree limbs were downed on State Highway 156 between Paoli and French Lick.
<u>INDIANA, Southeast</u>									
Ripley County Versailles to Friendship	12	0624EST 1100EST			0	0			Flash Flood
									High water was reported over several roads across the eastern half of the county. This included State Route 62 near Friendship, and US Route 421 in Versailles.
Dearborn County Aurora	12	0750EST 1100EST			0	0			Flash Flood
									High water caused several road closures.
Ohio County Countywide	12	0755EST 1100EST			0	0			Flash Flood
									Numerous roads were flooded across the county.

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					Killed	Injured	Property	Crops	
<u>INDIANA, Southeast</u>									
Switzerland County									
Vevay	12	0955EST 1100EST			0	0			Flash Flood
State Route 56 was flooded in town.									
INZ066-073>075-080 Franklin - Ripley - Dearborn - Ohio - Switzerland									
	21	0819EST 1000EST			0	0			Winter Storm
A low pressure system tracked from the southern plains into the northern Tennessee and southern Ohio valleys during the overnight hours of Monday, March 20th. A wintery mix occurred over the Cincinnati metropolitan area with heaviest snowfall occurring in southeast Indiana. Towards the Kentucky state line, freezing rain accumulated to a quarter inch. The system tracked quickly through the area and snowfall turned off from west to east on the afternoon of Tuesday, March 21st. Due to the brunt of the system striking at rush hour...significant delays occurred in the tri-state area.									
Switzerland County									
2 E East Enterprise	31	2200EST 2203EST			0	0	7K		Thunderstorm Wind (G50)
An RV was flipped over on its side. A barn was destroyed along State Route 250.									
<u>INDIANA, Southwest</u>									
Posey County									
10 WSW Mt Vernon to Mt Vernon	09	1330CST 1340CST			0	0	25K		Thunderstorm Wind (G60)
A roof was blown off a home. Numerous trees and power lines were down. Pillars were blown off a home. Power poles were down in Mount Vernon.									
Posey County									
2 W Mt Vernon	09	1334CST			0	0			Funnel Cloud
Vanderburgh County									
Evansville Dress Arp to Dress Arp	09	1400CST 1403CST			0	0	80K		Thunderstorm Wind (G65)
Major roof damage occurred to a few homes in Green River Estates, just northeast of the airport. One house was completely unroofed. Windows were broken and siding was stripped off. At the Evansville Regional Airport, a wind gust to 59 MPH was measured. Trees and power lines were blown down around the airport.									
Gibson County									
Countywide	09	1400CST 1700CST			0	0			Flash Flood
Major flooding was reported across the county, especially the eastern half.									
Posey County									
Countywide	09	1400CST 1700CST			0	0	50K		Flash Flood
Major flooding was reported. Some roads were damaged.									
Vanderburgh County									
Countywide	09	1403CST 1700CST			0	0			Flash Flood
Warrick County									
Newburgh	09	1420CST 1700CST			0	0			Flash Flood
Lots of standing water was reported on roadways.									
Gibson County									
2 N Owensville	09	2030CST			0	0			Thunderstorm Wind (G50)
A couple of trees were blown down.									
Vanderburgh County									
Evansville	09	2039CST			0	0			Thunderstorm Wind (G55)
Warrick County									
Boonville	09	2040CST			0	0			Thunderstorm Wind (G50)
Some tree limbs and whole trees were blown down. A trained spotter estimated wind gusts up to 60 MPH.									
Gibson County									
Hazleton	10	1400CST 1700CST			0	0			Flood
Pike County									
Petersburg	10	1400CST 1700CST			0	0			Flood

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INDIANA, Southwest

Moderate flooding of the White River occurred as a result of repeated episodes of widespread thunderstorms. At Petersburg, where flood stage is 16 feet, the river crested at 25.80 feet on March 18. At Hazleton, where flood stage is 16 feet, the river crested at 27.40 feet on March 18. Flood gates were installed at Hazleton. Residents of cabins on the riverward side of levees were evacuated. Many local roads were impassable, and oil fields were inaccessible. State Road 257 was closed at the bridge over the river.

Vanderburgh County Evansville

11	0445CST				0	0			Hail (0.88)
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Multiple reports of dime to nickel size hail in Evansville.

Posey County Blairsville

11	0447CST				0	0			Hail (0.88)
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Vanderburgh County Evansville

11	0447CST				0	0			Thunderstorm Wind (G52)
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60 MPH wind gust was estimated by emergency management officials.

Warrick County Newburgh

11	0455CST 0459CST				0	0			Hail (1.00)
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Marble to quarter-size hail covered the ground in parts of Warrick County.

Warrick County 1 N Tennyson

11	0521CST				0	0			Hail (0.88)
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Vanderburgh County Evansville

11	0530CST				0	0			Hail (0.75)
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Penny-size hail covered the ground.

Posey County 3 W Poseyville

11	0603CST				0	0			Hail (0.75)
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Gibson County Princeton

11	0640CST				0	0			Hail (0.88)
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Gibson County East Mt Carmel

11	1200CST				0	0			Flood
26	1500CST								

Posey County New Harmony

11	1200CST				0	0			Flood
26	1500CST								

Moderate flooding occurred along the Wabash River after repeated episodes of widespread thunderstorms. At Mount Carmel, Illinois, where flood stage is 19 feet, the river crested at 28.9 feet on March 18. At New Harmony, where flood stage is 15 feet, the river crested at 20.1 feet on March 21. Near Mount Carmel, the river was above the critical stage of the Rochester-Mcleary Bluff levee. Cattle and farm equipment were moved. Most roads along the river were impassable. Extensive lowland flooding was observed in western Gibson County. The Wabash River was more than two miles wide at Interstate 64. Parts of northern New Harmony experienced flooding, and preparations for sandbagging began in town.

Gibson County Countywide

12	0530CST 0730CST				0	0	7K		Flash Flood
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State Route 64 was closed between Highway 41 and Highway 65. Main Street in Princeton was under two feet of water, with water in one house. A bridge on County Road 500 between State Route 64 and Lyle Station was on the verge of failure due to debris piling up against it.

Pike County Countywide

12	0530CST 0730CST				0	0			Flash Flood
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Indiana Route 64 was closed between Arthur and the Gibson County line. Several city streets in Petersburg were flooded, as well as numerous county roads. Water covered State Route 56 about one mile west of Petersburg.

Posey County Countywide

12	0530CST 0730CST				0	0			Flash Flood
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Numerous county roads were flooded. Highway 66 west of Wadesville was closed to small vehicles.

Spencer County Countywide

12	0530CST 0730CST				0	0			Flash Flood
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Numerous county roads were flooded. Highway 231 was flooded at several points. State Route 62 was closed east of State Route 245 due to flooding. State Route 66 was closed in several places due to high water. State Route 161 at Highways 60 and 50 was closed due to flooding.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

Vanderburgh County

Countywide	12	0530CST 0730CST			0	0	6K		Flash Flood
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Many city streets in Evansville were closed due to high water, with water rescues conducted. The county highway department ordered 16 road closures as a result of high water, including heavily-travelled Green River Road. The basement of a vacant house collapsed. Emergency managers provided sandbags to a handful of property owners who requested them. The rainfall total of 2.61 inches at Evansville broke the daily rainfall record for March 12. The total rainfall for the three rounds of thunderstorms from March 9 to March 12 was 7.90 inches.

Warrick County

Countywide	12	0530CST 0730CST			0	0	5K		Flash Flood
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In Boonville, several inches of water flooded a tavern. High water was reported on numerous roads, including some in Boonville and Chandler. Several vehicles stalled in flooded areas after bypassing high water signs. No water rescues were needed.

Gibson County

Princeton	12 25	1400CST 1800CST			0	0			Flood
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Major flooding of the Patoka River occurred after repeated episodes of widespread thunderstorms. At Princeton, where flood stage is 18 feet, the river crested at 24.00 feet on March 16.

Vanderburgh County

Evansville to 1 NE Evansville	12 15	1400CST 1600CST			0	0	5K		Flood
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Pigeon Creek caused extensive flooding after about 8 inches of rain deluged the area from March 9 to March 12. The National Guard assisted in floodfighting efforts to keep water out of several homes. The creek nearly surrounded a home that was protected by a makeshift sandbag wall. The rising water breached the wall and crept into the crawl space. Pumps and additional sandbags were used to keep the water from the floor joists. The creek, which was about six feet deep in the back yard of the house, is usually 350 feet or more from the house. The flooding was attributed to headwater (or run-off) rather than water backing up from the Ohio River into the creek.

Posey County

Mt Vernon	15 17	0400CST 1300CST			0	0			Flood
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Warrick County

Newburgh	15 17	0400CST 1300CST			0	0			Flood
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The Ohio River reached flood stage at Mount Vernon and Newburgh after repeated episodes of widespread thunderstorms. At Newburgh, where flood stage is 38 feet, the river crested at 38.45 feet on March 16. At Mount Vernon, where flood stage is 35 feet, the river crested at 36.2 feet on March 17. Flooding at and near both locations was minor, primarily affecting agricultural bottomlands.

IOWA, Central

Carroll County

4 WNW Carroll Neu A	07	1120CST			0	0	1K		Hail (0.88)
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A strong upper level system lifted northeast across Iowa during the day on the 7th. Moisture was lifted over cooler air at the surface, setting off a north-northwest to south-southeast line of elevated convection. There were numerous reports of small hail with these storms and some areas had half inch hail cover the ground. One storm pulsed up and produced nickel size hail west of the Carroll Airport in Carroll County.

Warren County

New Virginia	08	1606CST			0	0	5K		Hail (1.00)
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Warren County

7 S Indianola	08	1618CST			0	0	5K		Hail (1.00)
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Warren County

5 SW Milo	08	1618CST			0	0	2K		Hail (1.00)
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Warren County

3 S Milo	08	1620CST			0	0	1K		Hail (0.88)
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Marion County

2 W Knoxville	08	1621CST			0	0	1K		Hail (0.88)
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Warren County

2 N Lacona	08	1622CST			0	0	1K		Hail (0.88)
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Warren County

Milo	08	1622CST			0	0	5K		Hail (1.00)
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Storm Data and Unusual Weather Phenomena

March 2006

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>									
Warren County 2 E Norwalk	08	1622CST			0	0	5K		Hail (1.00)
Warren County 1 NW Hartford	08	1635CST			0	0	1K		Hail (0.88)
Marion County 2 NE Knoxville Arpt	08	1658CST			0	0	1K		Hail (0.88)
Marion County 3 N Pleasantville	08	1700CST			0	0	5K		Hail (1.00)
Adair County 3 ENE Orient	08	1708CST			0	0	3K		Hail (1.00)
Jasper County 5 E Baxter	08	1715CST			0	0			Hail (0.75)
Marshall County 3 W Laurel	08	1720CST			0	0			Hail (0.75)
Wayne County Lineville	08	1720CST			0	0	10K		Hail (1.75)
Poweshiek County 1 N Deep River	08	1730CST			0	0			Hail (0.75)
Wayne County 1 N Clio	08	1730CST			0	0			Hail (0.75)
Marshall County 2 SSW Marshalltown	08	1734CST			0	0	2K		Hail (0.88)
Marshall County Marshalltown	08	1735CST			0	0	3K		Hail (0.88)
Wayne County Clio	08	1736CST			0	0	10K		Hail (1.75)
Polk County 4 E Pleasant Hill	08	1739CST			0	0	10K		Hail (1.75)
Madison County 1 N Winterset	08	1740CST			0	0	10K		Hail (1.75)
Madison County Winterset	08	1744CST			0	0	3K		Hail (0.88)
Polk County Des Moines Arpt	08	1750CST			0	0	5K		Hail (1.00)
Tama County 3 SSW Gladbrook	08	1750CST			0	0	3K		Hail (1.00)
Warren County 2 E Norwalk	08	1752CST			0	0	5K		Hail (1.00)
Polk County Des Moines	08	1755CST			0	0	3K		Hail (0.88)
Polk County 3 SE Des Moines	08	1755CST			0	0	3K		Hail (1.00)
Polk County Des Moines	08	1758CST			0	0			Hail (0.75)
Warren County Norwalk	08	1758CST			0	0	2K		Hail (0.88)
Polk County Des Moines	08	1759CST			0	0	3K		Hail (1.00)
Warren County 4 W Norwalk	08	1759CST			0	0	3K		Hail (1.00)
Appanoose County Plano	08	1800CST			0	0			Hail (0.75)
Warren County Norwalk	08	1802CST			0	0	15K		Hail (1.50)
Polk County Des Moines	08	1804CST			0	0	5K		Hail (1.00)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Warren County									
Norwalk	08	1804CST			0	0	5K		Hail (1.00)
Warren County									
Norwalk	08	1804CST			0	0	5K		Hail (1.00)
Black Hawk County									
Hudson	08	1822CST			0	0			Hail (0.75)
Poweshiek County									
3 E Grinnell	08	1825CST			0	0			Hail (0.75)
Jasper County									
Newton	08	1830CST			0	0	2K		Hail (0.88)
Madison County									
3 S Earlham	08	1830CST			0	0	5K		Hail (1.50)
Jasper County									
Monroe	08	1835CST			0	0			Hail (0.75)
Dallas County									
5 E Van Meter	08	1850CST			0	0	1K		Hail (0.88)
Polk County									
Urbandale	08	1855CST			0	0	1K		Hail (0.88)
Wapello County									
5 W Eldon	08	1905CST			0	0	1K		Hail (0.88)
<p>A strong upper level system lifted northeast out of the southwest U.S. during the day. Surface low pressure tracked from central Kansas into southeast Iowa during the afternoon and evening hours. A strong warm front extended northeast out of the low and pushed to the southern Iowa border. There was a strong contrast in both temperature and dew point with temperatures in the low 70s south of the front with dew points in the mid 50s. North of the front temperatures remained in the 40s through the day. The airmass was quite stable aloft with Showalter indices around -6 and a TQ index of 24. Surface based CAPE just south of the front was in the 1500 to 2000 J/kg range. A southwest low level jet of 30 to 40 knots pushed across the front. The main mode of severe weather was in the form of hail as the freezing level was only 9300 MSL. Thunderstorms erupted to the north of the warm front along the 850 mb warm front. The storms became severe and most produced hail and heavy rain. Hail of nickel to golf ball size was quite common. The largest hail occurred in central Iowa with golf ball size hail reported in Polk, Madison, and Warren Counties. Quarter size hail completely covered the ground south of Indianola in Warren County.</p>									
Wayne County									
Seymour	12	1258CST			0	0	5K		Hail (1.00)
Appanoose County									
2 S Centerville	12	1310CST			0	0	3K		Hail (1.00)
Appanoose County									
Centerville	12	1313CST			0	0	1K		Hail (0.88)
Polk County									
5 N Des Moines	12	1315CST			0	0			Thunderstorm Wind (G52)
Davis County									
7 SE Bloomfield	12	1330CST			0	0	150K		Thunderstorm Wind (G75)
Davis County									
7 NW Drakesville	12	1330CST			0	0	5K		Hail (1.75)
Davis County									
7 NW Drakesville	12	1335CST			0	0	5K		Hail (1.75)
Davis County									
Bloomfield	12	1342CST			0	0	2K		Hail (1.00)
Davis County									
1 N Pulaski	12	1350CST			0	0	2K		Hail (0.88)
Polk County									
Des Moines	12	1900CST			0	0	3K		Hail (0.88)
Appanoose County									
1 N Moulton	12	2003CST			0	0	4K		Hail (1.00)
Wapello County									
Eldon	12	2003CST			0	0	3K		Hail (0.88)
Davis County									
5 W Bloomfield	12	2018CST			0	0	3K		Hail (1.00)

Storm Data and Unusual Weather Phenomena

March 2006

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

IOWA, Central

Appanoose County

Moravia 12 2025CST 0 0 3K **Hail (0.88)**

Wapello County

3 E Agency 12 2042CST 0 0 3K **Hail (0.88)**

Marshall County

5 W Marshalltown 13 0010CST 0 0 5K **Hail (1.25)**

Black Hawk County

Waterloo 13 0055CST 0 0 5K **Hail (0.88)**

Black Hawk County

Waterloo 13 0057CST 0 0 10K **Hail (1.00)**

Black Hawk County

5 NE Waterloo 13 0106CST 0 0 5K **Hail (0.88)**

A somewhat complex weather situation took place over the central U.S. on the 12th as a strong upper level system lifted northeast out of the southwest U.S. Surface low pressure moved into Kansas during the day and headed northeast into northern Missouri by evening. In many ways, the situation took the form of a classic spring severe weather pattern. Moisture was transported north on a 30 to 45 kt jet in the low levels. At the same time, a 140 kt jet in the upper levels moved over the area by evening. A strong contrast was in place with a warm front extending from the surface low into far southeast Iowa. South of the warm front, temperatures rose into the 60s to mid 70s, with dew points in the low 60s. North of the front it remained in the 40s through the day. Several rounds of convection took place with the first one affecting southeast Iowa during the early afternoon. Hail of nickel to golf ball size fell over the southeast part of the Des Moines CWA. One of the storms produced very strong straight line winds in Davis County southeast of Bloomfield. Another decaying storm north of the Des Moines area produced a brief wind gust of 60 MPH. The winds caused structural damage to at least 4 buildings with roof damage reported, one of which collapsed into a home. During the evening, thunderstorms fired over the far southeast, as well as along the 850 mb level warm front that was across central Iowa. The storms all produced hail of up to an inch in diameter. The most concentrated area of hail was over the far southeast...however one cell became severe in central Iowa and dropped nickel size hail in the Des Moines area. A few hours later, another round of scattered storms developed along the upper level frontal boundary. A storm in Marshall County produced half dollar size hail west of Marshalltown, and continued to move northeast and produce nickel size hail in Waterloo. Hail reportedly accumulated to a depth of 2 inches in the city of Waterloo as well. Hail also covered the ground in the town of Dewar, northeast of Waterloo.

IAZ033>035-045>048-070-072-094- Sac - Calhoun - Webster - Carroll - Greene - Boone - Story - Cass - Madison - Decatur

21 0400CST
1100CST 0 0 50K **Heavy Snow**

A large area of high pressure was centered over Nunavut Canada during the event with a ridge extending south into the central U.S. The high fed cool and dry air into the upper Midwest while a storm system took shape over the Rockies. There was considerable isentropic lift in place for an extended period of time, however the feed of very dry air, with dew points in the teens, blocked the eastward progress of the snow for over 36 hours. It wasn't until the upper low lifted out of the Rockies that the snow area advanced into Iowa. Snow began during the night of the 20th and spread east to cover about the southwest half of the state. Heavy snowfall occurred over parts of west central into central Iowa as a deformation zone formed in that area. snowfall of 6 to 11 inches was common through the area extending from Ames west-northwest into the Sac City area. The heaviest snowfall reported was 11 inches in Calhoun County at Lake City. Ten inches fell in Boone County in Boone. Many areas of the southwest half to third of the state picked up 3 to 5 inches of snow. A few spots received heavier amounts with 7 inches reported in Madison County, and 6 inches in the Decatur County. Travel became hazardous as the heavy wet snow begin to accumulate on the road surfaces. Travel was not recommended for a period of several hours. In spite of the winds of 20 to 30 MPH, blowing snow was limited. Considerable drifting took place until the snow stopped falling.

Audubon County

10 NW Audubon Arpt 30 1445CST 0 0 15K **Thunderstorm Wind (G61)**

Crawford County

Charter Oak 30 1540CST 0 0 **Hail (0.75)**

Crawford County

8 S Denison 30 1655CST 0 0 20K **Thunderstorm Wind (G61)**

Crawford County

Aspinwall 30 1700CST 0 0 25K **Thunderstorm Wind (G61)**

Crawford County

4.5 N Aspinwall 30 1700CST 0 0 30K **Thunderstorm Wind (G61)**

Carroll County

2 SSW Manning 30 1715CST 0 0 5K **Thunderstorm Wind (G57)**

Sac County

Lake View 30 1715CST 0 0 20K **Thunderstorm Wind (G65)**

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Sac County									
5 E Odebolt	30	1715CST			0	0	100K		Thunderstorm Wind (G85)
Adams County									
11 N Corning	30	1720CST			0	0	5K		Thunderstorm Wind (G57)
Cass County									
Massena	30	1720CST			0	0	5K		Thunderstorm Wind (G52)
Taylor County									
4 SE New Market	30	1722CST			0	0	2K		Thunderstorm Wind (G52)
Taylor County									
1 W Bedford	30	1725CST			0	0	2K		Thunderstorm Wind (G52)
Adair County									
Fontanelle	30	1730CST			0	1	20K		Thunderstorm Wind (G62)
Warren County									
Norwalk	30	1730CST			0	0	15K		Hail (1.75)
Warren County									
Norwalk	30	1731CST			0	0	15K		Hail (1.75)
Warren County									
3 S Norwalk	30	1733CST			0	0			Hail (0.75)
Polk County									
Des Moines Arpt	30	1734CST			0	0	50K		Hail (1.50)
Adair County									
9 N Fontanelle	30	1735CST			0	0	10K		Thunderstorm Wind (G61)
Polk County									
Des Moines	30	1736CST			0	0	2K		Hail (0.88)
Polk County									
Des Moines	30	1737CST			0	0	5K		Hail (1.00)
Polk County									
Des Moines	30	1738CST			0	0	2K		Hail (0.88)
Polk County									
Des Moines	30	1738CST			0	0	25K		Hail (1.50)
Polk County									
1 S Des Moines Arpt	30	1739CST			0	0	3K		Hail (1.00)
Guthrie County									
Casey	30	1740CST			0	0	100K		Thunderstorm Wind (G61)
Polk County									
Altoona	30	1741CST			0	0	3K		Hail (0.88)
Polk County									
Des Moines	30	1742CST			0	0	50K		Hail (2.00)
Calhoun County									
Rockwell City	30	1743CST			0	0	2K		Thunderstorm Wind (G52)
Adair County									
4 E Adair	30	1744CST			0	0	20K		Thunderstorm Wind (G61)
Pocahontas County									
Laurens	30	1745CST			0	0	5K		Thunderstorm Wind (G52)
Union County									
Creston	30	1745CST			0	0	1K		Thunderstorm Wind (G52)
Calhoun County									
Manson	30	1752CST			0	0	40K		Thunderstorm Wind (G65)
Dallas County									
Redfield	30	1752CST			0	0	15K		Thunderstorm Wind (G66)
Ringgold County									
2 W Mt Ayr	30	1755CST			0	0	2K		Thunderstorm Wind (G52)
Madison County									
7 SSW Earlham	30	1756CST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>IOWA, Central</u>									
Union County 3 W Creston	30	1757CST	0.2	30	0	0	40K		Tornado (F0)
									Tornado touched down briefly west of Creston. Damage was done to an attached two-car breezeway and tore it away from the house. There was little apparent damage to the car inside.
Pocahontas County 2 SE Palmer	30	1800CST			0	0	10K		Thunderstorm Wind (G61)
Polk County Des Moines	30	1800CST			0	0	5K		Hail (1.25)
Union County 4 W Creston Arpt	30	1800CST	0.1	25	0	0			Tornado (F0)
									Brief touchdown in open field.
Dallas County 1 N De Soto	30	1804CST	0.1	25	0	0			Tornado (F0)
									Brief touchdown in open fields.
Dallas County Adel	30	1807CST			0	0			Thunderstorm Wind (G50)
Webster County 1 SW Vincent	30	1808CST			0	0	50K		Thunderstorm Wind (G61)
Dallas County Minburn	30	1811CST			0	0	1K		Thunderstorm Wind (G52)
Polk County Grimes	30	1817CST			0	0			Thunderstorm Wind (G50)
Boone County 5 WSW Boone	30	1818CST			0	2	50K		Thunderstorm Wind (G61)
Boone County Madrid	30	1820CST			0	0	2K		Thunderstorm Wind (G52)
Boone County Pilot Mound	30	1820CST			0	0	75K		Thunderstorm Wind (G65)
Hamilton County 2 S Stratford	30	1822CST			0	0	5K		Thunderstorm Wind (G57)
Boone County Luther	30	1826CST			0	0	3K		Thunderstorm Wind (G61)
Dallas County 10 W Dallas Center	30	1827CST			0	0	2K		Thunderstorm Wind (G61)
Polk County Ankeny	30	1830CST			0	0	2K		Thunderstorm Wind (G52)
Story County 1 W Ames	30	1830CST			0	0	10K		Thunderstorm Wind (G61)
Story County Ames	30	1830CST			0	0	2K		Thunderstorm Wind (G52)
Story County Ames	30	1834CST			0	0	5K		Thunderstorm Wind (G52)
Story County 1 N Huxley	30	1835CST			0	0	10K		Thunderstorm Wind (G61)
Story County Story City	30	1838CST			0	0	10K		Thunderstorm Wind (G61)
Hamilton County Jewell	30	1839CST			0	0			Thunderstorm Wind (G50)
Story County Nevada	30	1839CST			0	0	10K		Thunderstorm Wind (G61)
Story County 4 WSW Roland	30	1839CST			0	0	10K		Thunderstorm Wind (G61)
Story County Story City	30	1840CST			0	0	3K		Thunderstorm Wind (G52)
Hancock County 1 S Britt	30	1845CST			0	0	5K		Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Story County 5 N Ames	30	1846CST			0	0	2K		Thunderstorm Wind (G50)
Wright County Dows	30	1900CST			0	0	10K		Thunderstorm Wind (G57)
Hardin County Eldora	30	1907CST			0	0	10K		Thunderstorm Wind (G52)
Franklin County Latimer	30	1908CST			0	0	20K		Thunderstorm Wind (G65)
Marshall County 3 NE Clemons	30	1910CST			0	0	5K		Thunderstorm Wind (G57)
Hardin County Hubbard	30	1912CST			0	0	5K		Thunderstorm Wind (G52)
Franklin County 3 N Latimer	30	1913CST			0	0	20K		Thunderstorm Wind (G70)
Franklin County 7 N Latimer	30	1914CST			0	0	10K		Thunderstorm Wind (G61)
Franklin County 1 S Latimer	30	1918CST			0	0	5K		Thunderstorm Wind (G63)
Hardin County Ackley	30	1921CST			0	0	25K		Thunderstorm Wind (G65)
Cerro Gordo County 4 ESE Mason City	30	1938CST			0	0	10K		Thunderstorm Wind (G61)
Butler County 2 N Allison	30	1940CST			0	0	15K		Thunderstorm Wind (G61)
Butler County 2 N Clarksville	30	1940CST			0	0	10K		Thunderstorm Wind (G61)
Cerro Gordo County 5 SE Mason City	30	1940CST			0	0	10K		Thunderstorm Wind (G61)
Grundy County 6 N Grundy Center	30	1945CST			0	0	5K		Thunderstorm Wind (G57)
Decatur County 3 NE Van Wert	30	2055CST			0	0	3K		Hail (1.25)
Lucas County 1 W Lucas	30	2118CST			0	0	5K		Hail (1.50)

An early spring storm moved into Iowa during the day on the 30th. Though somewhat early in the season for such a storm, the storm was a classic storm. As it quite typical of April or May, the storm was a classic "bowling ball" type system with a closed upper low lifting northeast out of the southwest U.S. Surface low pressure moved from Kansas into Southwest Iowa during the event. A dryline pushed northeast with the low into the state. Strong moisture transport took place ahead of the storm with dew points reaching the mid 50s to low 60s over Iowa as afternoon temperatures were in the 60 to 70 degree range. Strong south winds in the low levels were in place with speeds in the 35 to 45 kt range. The atmosphere destabilized during the afternoon with lifted indices reaching -7 by the early afternoon. CAPE values were not all that great, at about 1000 J/kg. The freezing level during the storms was relatively low, at about 10,700 feet. Thunderstorms developed in western Iowa and lifted northeast at 50 to 55 MPH during the afternoon. These formed in the warm sector. At the same time, the dryline pushed into western Iowa during the late afternoon. The storms from the dryline produced hail and strong winds, along with 2 small tornadoes. The line of storms took on a bow echo appearance as they raced across the state. The storms that formed ahead of the dryline were not as significant and produced only marginal severe weather. As the dryline storms moved in, reports of hail and high wind were numerous. Two small tornadoes touched down briefly, causing little damage. One was west of the Creston Airport in Union County, the second was near De Soto in Dallas County. Minor damage occurred with the tornado west of Creston as it damaged breeze way and carport there. High winds were quite wide spread with wind speeds reaching or exceeding 80 MPH at times. In Latimer winds of 80 MPH took the roof off of a building for example. In Franklin County, high winds lifted bleachers and threw them 300 feet, across a road. Damage was reported to an apartment building roof in Crawford County and a dugout destroyed as well. Several reports of semi-tractortrailer trucks being overturned were received. One was overturned in Crawford County on the Shelby County line, 6 were overturned in Adair County by 71 MPH winds with one person receiving minor injuries. Six trucks were blown off the highway in Guthrie County and another in Story County. Two people were injured in Boone County when high winds blew a tree onto a mobile home. The mobile home was totally destroyed. Three mobile homes were flipped in Story County by the high winds. Reports of damage to outbuildings were too numerous to mention here. Hail reports were quite numerous. Much of the hail was around an inch in diameter. One of the storms produced large hail in the

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

Des Moines Metro area. Two inch diameter hail fell in Des Moines, with golf ball size hail in Norwalk and one and one half inch diameter hail falling at the Des Moines Airport.

IOWA, East Central and Southeast

IAZ053>054-063>068- Jones - Jackson - Iowa - Johnson - Cedar - Clinton - Muscatine - Scott - Keokuk - Washington - Louisa - 076>078-087>089- Jefferson - Henry - Des Moines - Van Buren - Lee 098>099

01	0000CST								
31	2359CST				0	0			Drought

The drought that began back in July 2005 continued through March 2006 but shrunk considerably in size and scope by the start of April 2006. This shrinkage was due to a persistent wet pattern that had set up during March 2006 and continued into April 2006. Since the growing season had yet to begin, the drought was essentially hydrologic in nature. A report of the hydrologic conditions is supplied by the service hydrologist.

River Conditions

Monthly stream flows for March averaged near normal (25th to 75th percentile) to below normal (10th to 24th percentile). All basins averaged below normal except for the lower Cedar-Iowa River basins and the entire Rock River basin, which averaged near normal.

Stream flows began the month with most locations reporting stream flows that were below normal (10th to 24th percentile) or much below normal (less than 10th percentile). A few locations reported near normal (25th to 75th percentile) conditions and one location reported a record low flow for the day. Stream flows gradually decreased until moderate rainfall fell on the 5th. On the 6th, stream flows began increasing in response to this rainfall. Stream flows then remained nearly steady or increased slightly through the 13th when most locations reported near normal conditions. Some locations reported below normal (10th to 24th percentile) flows while other locations reported above normal (76th to 90th percentile) flows.

Stream flows then gradually decreased into the late parts of the month but then rose on the last day of the month. On the 30th most locations reported below normal conditions while some locations reported near or much below normal flows. Moderate rainfall on the 30th resulted in flow increases on the 31st. On that day, half of the locations reported below or much below normal flows and half of the locations reported near or above below normal flows.

Source: U.S. Geological Survey, WaterWatch Web site (<http://water.usgs.gov/waterwatch/>).

Drought

According to the U.S. Drought Monitor maps, minimal changes in the drought situation occurred during the month. Severe drought conditions (D2) continued to cover much of the HSA with moderate drought conditions (D1) across northwestern portions of the HSA.

IAZ040>042

Buchanan - Delaware - Dubuque

05	0830CST								
	1430CST				0	0	6K		Winter Weather

Also from co-op observers.

A late season winter storm moved from the central Plains into the Great Lakes on 5 March 2006. The first wave of snow mixed with some sleet occurred during the pre-dawn hours and caused little if any problems. The second wave of snow occurred toward the end of the morning commute and into early afternoon. Several traffic accidents were reported in Jo Daviess County Illinois. The heaviest snowfall occurred along the U.S. 20 corridor where 4 to 6 inches of snow fell.

Iowa County

1 SW Conroy

08	1752CST								
	1753CST				0	0			Hail (0.88)

Cedar County

1 NE Lime City

08	1834CST								
	1835CST				0	0			Hail (0.88)

Dime to nickel sized hail

Jefferson County

Libertyville

08	1921CST								
	1924CST				0	0	5K		Hail (1.00)

Hail estimated at 1 inch

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>IOWA, East Central and Southeast</u>									
Van Buren County									
3 WNW Birmingham	08	1921CST 1926CST			0	0			Hail (0.88)
		Dime to nickel sized hail for 5 minutes.							
Jefferson County									
Fairfield	08	1926CST 1928CST			0	0			Hail (0.88)
		Penny to nickel sized hail							
Henry County									
Mt Pleasant	08	1959CST 2000CST			0	0			Hail (0.88)
		Nickel hail from unknown source							
Henry County									
Mt Union	08	2005CST 2010CST			0	0			Hail (0.88)
		Hail for a 10 minute duration. Best estimates indicate that severe hail of penny to nickel size fell for close to 5 minutes in the 2005-2010 CST time period.							
Henry County									
Mt Union	08	2011CST			0	0	0.20K		Thunderstorm Wind (G54)
		Public report of measured 54 knot (62 mph) wind gust that downed some branches in the town of Mt. Union. Radar data suggests a downburst occurred in the forward flank downdraft of the storm.							
		An early spring storm system brought the first severe storms of the season to the area. A strong low level jet pushed air over a warm front across northern Missouri causing elevated thunderstorms developed between the warm front and a convergence line that ran from northern Missouri into southeast Wisconsin. Since the storms were elevated all but one of the severe reports were hail. One downburst did occur in the town of Mt. Union, Iowa that caused tree damage.							
Louisa County									
4 SE Wapello	12	1457CST 1458CST			0	0			Hail (0.75)
Scott County									
Davenport	12	1530CST 2350CST			0	0			Heavy Rain
		3.50 inches of rain in 8 hours.							
Jefferson County									
Packwood	12	1636CST 1637CST			0	0			Funnel Cloud
		Funnel cloud off to the south							
Jones County									
Anamosa	12	1656CST 1658CST			0	0	10K		Hail (0.88)
		Wind driven hail damaged some cars							
Van Buren County									
Countywide	12	1740CST 1755CST			0	0	15K		Hail (1.75)
		Hail ranging from 1.00 inch (quarter) to 1.75 inch (golfball) fell from Keosauqua northeast to the Van Buren/Henry county line from a supercell. Trained spotters, the emergency manager, and the Keosauqua co-operative observer reported 1.00-1.75 inch hail covering the ground in Keosauqua from 1740-1746 CST. One inch hail occurred in Utica during the 1750-1754 CST time period along with heavy rain.							
Van Buren County									
Keosauqua	12	1740CST 1746CST			0	0	30K		Hail (1.75)
		Emergency manager's truck damaged. There is probable unknown damage to residences and cars in town as well.							
Van Buren County									
Utica	12	1745CST 1800CST			0	0			Heavy Rain
		3 feet of water in fields							

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

Van Buren County

Utica	12	1750CST 1754CST			0	0	5K		Hail (1.00)
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Henry County

Countywide	12	1755CST 1824CST			0	0	20K		Hail (2.00)
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The supercell from Van Buren County moved into Henry County and continued into northwest Des Moines county and then into Louisa county and produced hail ranging from .88 inch (nickel) to 2.00 inches. Hail of 1.75 to 2.00 inches fell south of Mt Pleasant with confirmed hail of at least 1.25 inches in the city of Mt Pleasant.

Hail of .88 inch first occurred 1 mile southeast of Hillsboro during the 1755-1759 CST time period and Salem during 1800-1804 CST time period. Severe hail fell from 1805 to 1814 CST in the city of Mt Pleasant with a confirmed hail size of 1.25 inches. Mt Union received 1 inch hail from 1819 to 1823 CST.

Henry County 1 SE Hillsboro

	12	1755CST 1759CST			0	0			Hail (0.88)
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Henry County

Salem	12	1800CST 1804CST			0	0			Hail (0.88)
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Henry County

Mt Pleasant	12	1805CST 1814CST			0	0	100K		Hail (1.25)
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Also reported by spotters. A WQAD-TV weather spotter (John and Alice Held) in Mt Pleasant took a picture of the hail with a quarter placed beside it as a size reference. Hail sizes in Mt Pleasant ranged from 0.70 inches (dime) to 1 inch (quarter).

Des Moines County Countywide

	12	1819CST 1828CST			0	0	10K		Hail (1.00)
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The supercell from Henry County Iowa clipped the northwest corner of Des Moines county producing severe hail. The only hail report was north of Yarmouth where 1 inch hail was observed during the 1823-26 CST time period.

Henry County Mt Union

	12	1819CST 1823CST			0	0	10K		Hail (1.00)
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Des Moines County

1.5 N Yarmouth	12	1823CST 1826CST			0	0	3K		Hail (1.00)
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Also heavy rain

Louisa County

Countywide	12	1826CST 1833CST			0	0	15K		Hail (1.75)
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The supercell entered Louisa county from northwest Des Moines and Henry counties producing hail up to 1.75 inches (golfball). Morning Sun saw 1.75 inch hail from 1829-1833 CST. After passing over Morning Sun, the supercell appeared to fall apart with no additional hail reports being received.

Louisa County

Morning Sun	12	1829CST 1833CST			0	0	30K		Hail (1.75)
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At the fire station

Des Moines County

Yarmouth	12	1905CST 1906CST			0	0	5K		Hail (1.00)
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Henry County

1 SE New London	12	1910CST 1911CST			0	0			Hail (0.88)
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Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>IOWA, East Central and Southeast</u>									
Des Moines County									
Pleasantgrove	12	1916CST 1919CST			0	0	5K		Hail (1.00)
Van Buren County									
Douds to Leando	12	1921CST 1922CST			0	0	6K		Hail (1.00)
									hail damage to a car
Louisa County									
2 S Wapello	12	1929CST 1931CST			0	0	5K		Hail (1.00)
Scott County									
Davenport	12	1933CST 1945CST			0	0			Heavy Rain
									Street flooding at Bridge and East 37th
Scott County									
Walcott	12	1937CST 1939CST			0	0			Hail (0.75)
Scott County									
Bettendorf to Davenport	12 13	1953CST 0100CST			0	0	400K		Flash Flood
									Thunderstorms trained across the Quad City Metro area and produced rainfall rates exceeding 1 inch per 30 minutes. At 2000 CST an off duty NWS employee reported 2 feet of water over the roads in his neighborhood along the Bettendorf/Davenport city limits. By 2134 CST media and law enforcement were reporting water 4 inches deep was flowing into the Davenport Police Station on Harrison street. Numerous streets were closed due to high water; Harrison by the police station and River Drive in several spots. The media was reporting sinkholes developing on some streets in Davenport with some residences flooded. Although unknown at the time, the Federal Building in downtown Davenport had its basement partially flooded. Near the Oscar Mayer/Kraft plant, 2-3 feet of water was on second street while River Drive and 3rd street by the Quad City Times Newspaper had thigh deep water. The flash flooding in Davenport was exacerbated from winter debris blocking storm drains and therefore preventing or restricting the amount of water getting into storm sewers.
									By 2230 CST, spotters and the media were reporting that flooding in downtown Davenport was beginning to recede. It is unknown how many buildings received water inside them but it is probably safe to say it was a few dozen. The flooding of the police station was caused by a police car blocking a storm sewer drain. A city engineer with Davenport concluded that this level of flooding was typical for a 15 to 20 year event.
									KMLI ASOS reported 1.78 inches of rain for 12 March 2006 of which 1.66 inches fell during the 1800-2400 CST time period. At the same time, the KDVN ASOS reported 1.05 inches of rain for 12 March 2006. The heaviest rain occurred during the 1900-2300 CST time period in a narrow band in between the two ASOS sites. The highest know rainfall amount occurred in central Davenport where 3.50 inches of rain fell. The closeness of the heavy rainband to the KDVN 88D resulted in a severe underestimation of the rainfall. Rainfall estimates from the distant KILX and KLOT 88D sites indicate 3-4 inches of rain fell.
Washington County									
1.8 W Washington	12	1958CST 1959CST			0	0	3K		Hail (1.00)
									just west of town
Scott County									
Le Claire	12	2005CST 2007CST			0	0			Hail (0.88)
									dime to nickel sized hail
Washington County									
Brighton	12	2008CST 2010CST			0	0			Hail (0.88)
									dime to nickel sized hail
Muscatine County									
.8 NW Muscatine	12	2009CST 2011CST			0	0			Hail (0.88)
									covered the ground
Johnson County									
Lone Tree	12	2039CST 2042CST			0	0			Heavy Rain
									also dime sized hail

Storm Data and Unusual Weather Phenomena

March 2006

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, East Central and Southeast</u>									
Des Moines County									
Pleasantgrove	12	2054CST 2056CST			0	0			Hail (0.75)
Van Buren County									
Birmingham	12	2056CST 2057CST			0	0	4K		Hail (1.00)
Jefferson County									
Countywide	12	2058CST 2118CST			0	0	5K		Thunderstorm Wind (G52)
			limbs down across the southern part of the county						
Jefferson County									
7 SE Fairfield	12	2058CST 2102CST			0	0			Hail (0.88)
			penny to nickel sized hail						
Henry County									
Salem	12	2102CST 2103CST			0	0			Hail (0.75)
Henry County									
Mt Pleasant	12	2109CST 2113CST			0	0			Hail (0.88)
Henry County									
Hillsboro	12	2115CST 2116CST			0	0			Hail (0.88)
Clinton County									
Clinton	12	2118CST 2120CST			0	0	2K		Thunderstorm Wind (G52)
			Sign down. Transformer struck by lightning						
Benton County									
Norway	12	2126CST 2127CST			0	0			Hail (0.75)
Louisa County									
Wapello	12	2128CST 2153CST			0	0			Heavy Rain
			moderate street flooding						
Lee County									
.7 ENE Viele	12	2130CST 2133CST			0	0	5K		Thunderstorm Wind (G52)
			An empty semi traveling south on U.S. 61 was hit by a wind gust just after going over a railroad overpass. The gust blew the semi into the ditch and turned it on its side.						
Lee County									
Ft Madison	12	2140CST 2142CST			0	0			Hail (0.88)
Des Moines County									
Middletown	12	2144CST 2146CST			0	0			Hail (0.88)
			Also heavy rain						
Des Moines County									
Middletown	12	2144CST 2146CST			0	0			Thunderstorm Wind (G52)
			estimated 60 mph gust						
Des Moines County									
Burlington	12	2147CST 2205CST			0	0			Heavy Rain
			minor street flooding on Madison Ave.						
Des Moines County									
Burlington	12	2149CST 2153CST			0	0	20K		Hail (1.75)
			nickel to golfball sized hail; also reported by NWS personnel						

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

Des Moines County

Burlington	12	2149CST 2153CST			0	0			Thunderstorm Wind (G52)
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Des Moines County

Burlington Arpt	12	2150CST 2151CST			0	0	10K		Hail (1.75)
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NWS electronic technicians reported damage to KBRL ASOS during a scheduled maintenance in April. There was possibly some damage done to buildings and planes at the airport.

Des Moines County

2 E Mediapolis	12	2150CST 2151CST			0	0			Hail (0.88)
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just east of the city; also estimated 50 mph winds

Buchanan County

Fairbank	13	0110CST 0112CST			0	0	5K		Hail (1.00)
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nickel to quarter sized hail; hail 1 inch deep on ground

A strong spring storm system moved from the central Plains into the Great Lakes region from 12 March to 13 March 2006. An initial low level jet of 30-40 knots increased to 40-50 knots after sunset on 12 March which increased the available moisture for thunderstorms and heavy rain development.

A series of upper level disturbances developed waves of thunderstorms during the afternoon and overnight hours along and north of the warm front. Low freezing and wet bulb zero levels north of the warm front resulted in the storms being prolific hail producers. Outflow boundaries left over from the initial thunderstorm waves combined with the northward moving warm front provided the focus for locally heavy rainfall that lead to flash flooding in the Quad Cities metropolitan area.

IAZ076>078-087>089- Keokuk - Washington - Louisa - Jefferson - Henry - Des Moines - Van Buren - Lee 098>099

	21	0200CST 1130CST			0	0	16K		Winter Weather
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Also from Co-op observers

An early Spring winter storm moved from the central Plains into the Ohio Valley from 20 March to 21 March 2006. An initially dry atmosphere precluded precipitation from reaching the ground but once saturation had occurred, snow broke out over southeast Iowa, west central Illinois, and far northeast Missouri in a 3-5 hour time period. Most of the snow had fallen by sunrise on 21 March. Snowfall amounts were generally 2-4 inches from Interstate 80 down to U.S. 34 with 4-6 inches from U.S. 34 on south. Mesoscale forcing during the morning of 21 March allowed for a band of 4-6 inch snowfall to occur along a line from Oskaloosa, Iowa to Galva, Illinois.

IOWA, Northeast

IAZ011

Allamakee

	05	0600CST 1800CST			0	0			Heavy Snow
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A small part of northeast Iowa was affected by heavy snow. Total accumulations of around 6 inches were reported by volunteer weather observers.

Fayette County

Oelwein	13	0120CST 0130CST			0	0	3.5K		Hail (1.75)
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Golf ball size hail was reported by the public and spotters.

IOWA, Northwest

Woodbury County

10 NE Salix	07	1019CST			0	0			Hail (0.75)
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Woodbury County

12 E Salix	07	1020CST			0	0			Hail (0.75)
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Woodbury County

Bronson	07	1030CST			0	0			Hail (1.50)
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Sioux County

Orange City	07	1055CST			0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

March 2006

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, Northwest</u>									
Buena Vista County									
4 SW Alta	07	1120CST			0	0			Hail (0.75)
Sioux County									
4 SW Alton	07	1122CST			0	0			Hail (0.75)
IAZ001>003-012 Lyon - Osceola - Dickinson - Sioux									
	12	1800CST			0	0			Winter Storm
	13	0800CST							
Snowfall of 4 to 8 inches was accompanied by increasing winds which gusted to around 35 mph. The winds caused low visibilities in blowing snow during the latter part of the snowfall. Drifting snow also added to travel problems. Numerous schools cancelled or delayed classes for a day, and some businesses also closed.									
IAZ013>014-020>022- O'Brien - Clay - Plymouth - Cherokee - Buena Vista - Woodbury - Ida									
031>032									
	12	2100CST			0	0			Winter Weather
	13	0800CST							
Snowfall of 2 to 4 inches combines with winds gusting up to 35 mph to cause blowing snow. Classes at some schools were cancelled or delayed for a day.									
IAZ012-020 Sioux - Plymouth									
	16	0400CST			0	0			Winter Weather
		0900CST							
Snowfall of 2 to 4 inches was accompanied by winds gusting to around 30 mph, resulting in areas of blowing snow. Numerous minor accidents were reported at Le Mars, where 4 inches fell.									
IAZ012-020>022- Sioux - Plymouth - Cherokee - Buena Vista - Woodbury - Ida									
031>032									
	20	0000CST			0	0			Winter Storm
	21	0300CST							
Snowfall of 5 to 8 inches was accompanied by winds gusting to over 35 mph, causing near blizzard conditions in blowing snow. Schools and businesses were closed as the snowfall, low visibility, and drifting snow made travel very difficult. These difficulties were reported at several places including Remsen, which received 5 inches of snow from the storm.									
Plymouth County									
5 NE Akron	30	1329CST			0	0			Hail (0.88)
Lyon County									
Rock Rapids	30	1405CST			0	0			Hail (0.88)
Woodbury County									
Sioux City	30	1553CST			0	0	40K		Thunderstorm Wind (G69)
Thunderstorm winds destroyed a large storage building and a chicken coop.									
Woodbury County									
Sioux City Arpt	30	1553CST			0	0			Thunderstorm Wind (G52)
Woodbury County									
1 E Sioux City to 1.5 E Sioux City	30	1555CST 1557CST	0.5	100	0	0	100K		Tornado (F0)
A tornado blew the roof from a house, moved the house off its foundation, and heavily damaged a garage.									
Woodbury County									
Bronson	30	1558CST			0	0	10K		Thunderstorm Wind (G61)
Thunderstorm winds caused tree damage and blew down numerous power poles and lines.									
Plymouth County									
9 S Le Mars	30	1610CST			0	0			Thunderstorm Wind (G52)
Plymouth County									
9 S Le Mars	30	1640CST			0	0			Thunderstorm Wind (G52)
Buena Vista County									
Newell	30	1736CST			0	0			Thunderstorm Wind (G52)
<u>IOWA, Southwest</u>									
Monona County									
7 E Castana	07	1038CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

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

IOWA, Southwest

Pottawattamie

County

7 SSE Walnut 07 1050CST 0 0 **Hail (0.88)**

Fremont County

4 NW Thurman 12 1030CST 0 0 **Hail (0.75)**

IAZ043-055-069-080 Monona - Harrison - Pottawattamie - Montgomery

21 0000CST 0 0 **Winter Storm**
0900CST

A prolonged period of snow, sometimes heavy, fell across much of eastern Nebraska and southwest Iowa from Sunday morning 3/19/06 into early Tuesday morning the 21st. The snow was occasionally mixed with sleet, freezing drizzle and even light rain Sunday and Sunday night. Total snowfall of 6 to 12 inches was reported from near Little Sioux and Missouri Valley north into Monona county with 6 to 8 inches recorded from around Council Bluffs southeast toward Red Oak. Amounts tapered off to 2 to 4 inches toward Shenandoah and Clarinda in far southwest Iowa.

The precipitation for the first part of the event, from Sunday into midday Monday, was mainly driven by warm air advection. Then by Monday afternoon an upper level system caused surface low development over Oklahoma which then tracked across the Missouri and Arkansas area by Tuesday morning.

Although the snow began just after midnight Sunday the 19th along and west of a Lincoln to West Point Nebraska, very dry low level air feeding into the system greatly reduced the snowfall from near the Missouri River east into western Iowa and little or no measurable snow had yet fallen as of 7 am Sunday. By mid morning Sunday accumulating snow had pushed to the Missouri River with 1 to 3 inches recorded as far east as the Omaha area. However, the above mentioned dry air would continue to cause periodic lapses in accumulating snow for the counties bordering the Missouri River in Nebraska south of Tekamah and for much of Southwest Iowa. That in turn allowed for somewhat brighter afternoon skies Sunday and Monday along with temperatures that managed to climb to freezing or a little warmer. Thus, there was much melting of the snow on roads and sidewalks, especially on treated ones, during the daylight hours. So even though many roads west of a Lincoln to West Point line were closed for a time by Monday afternoon, including Interstate 80 west of Lincoln, travel from extreme eastern Nebraska into much of southwest Iowa was not affected too much.

Heavier snowfall totals in western Iowa included...12 inches near Little Sioux, 10 inches near Castana, 9 inches in Underwood and 6 to 8 inches from Logan to Onawa and Mapleton and also near Red Oak. Some of these totals were affected by partially melting from underneath due to warm ground temperatures and air temperatures near or a little above freezing.

Monona County

5 SE Moorhead 30 1535CST 0 0 **Hail (0.75)**

Monona County

1 S Whiting 30 1600CST 0 0 **Thunderstorm Wind (G50)**

Thunderstorm winds estimated at 60 mph knocked off numerous shingles on a house south of Whiting.

Pottawattamie

County

Council Bluffs 30 1610CST 0 0 **Thunderstorm Wind (G55)**

Thunderstorm wind gusts estimated at 60 mph broke off some 6 inch diameter tree limbs in town. The winds were from the same cluster of cells that produced the weak tornado in the Papillion, Nebraska area.

Fremont County

1 E Thurman 30 1610CST 0 0 **Thunderstorm Wind (G55)**

Thunderstorm winds blew over a few grain bins and power lines near Thurman

Fremont County

Riverton 30 1610CST 0 0 **Hail (0.88)**

Harrison County

1 SW Missouri Vly to Missouri Vly 30 1615CST
1625CST 0 0 **Thunderstorm Wind (G55)**

Thunderstorm wind gusts estimated at 60 to 70 mph damaged trees and snapped off 3 power poles near Interstate 29 southwest of Missouri Valley. Also a semi-trailer truck was blown off the Interstate. Near town some power lines were downed and a garage was blown off of its foundation.

Fremont County

Farragut 30 1615CST 0 0 **Hail (0.88)**

Pottawattamie

County

2 E Neola 30 1640CST 0 0 **Thunderstorm Wind (G50)**

Thunderstorm winds caused some building damage near Neola.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>IOWA, Southwest</u>									
Montgomery County									
2 SW Red Oak to Red Oak	30	1642CST 1655CST			0	0			Hail (0.75)
									Hail around penny size was reported for about 10 to 15 minutes near Red Oak.
<u>KANSAS, East</u>									
Jefferson County									
Meriden	07	2058CST			0	0			Hail (0.88)
Douglas County									
3 W Lawrence	07	2357CST			0	0			Hail (0.88)
Douglas County									
Lawrence	08	0001CST			0	0			Hail (0.88)
Shawnee County									
Topeka	08	0005CST			0	0			Hail (0.75)
Dickinson County									
6 N Abilene	12	0636CST			0	0			Hail (1.00)
Clay County									
Longford	12	0641CST			0	0			Hail (0.88)
Dickinson County									
10 ENE Abilene	12	0654CST			0	0			Hail (1.00)
Lyon County									
2 E Americus	12	0654CST			0	0			Hail (1.00)
Clay County									
Morganville	12	0704CST			0	0			Hail (1.00)
Cloud County									
6 N Glasco	12	0705CST			0	0			Hail (0.75)
Washington County									
Linn	12	0712CST			0	0			Hail (1.00)
Washington County									
2 NW Linn	12	0715CST			0	0			Hail (1.00)
									Hail covered the ground.
Lyon County									
5 NE Admire	12	0716CST			0	0			Hail (1.00)
Osage County									
Burlingame	12	0723CST 0800CST			0	0	500K		Hail (2.50)
									A hailstorm struck the Burlingame area and caused significant property damage. The hail continued for over half an hour and damaged homes, windshields and even patrol cars of the sheriff's department. Hail up to the size of tennis balls covered the ground.
Washington County									
Washington	12	0727CST			0	0			Hail (0.88)
									Hail covered the ground.
Shawnee County									
Topeka	12	0730CST			0	0			Hail (1.75)
Wabaunsee County									
6 E Alta Vista	12	0737CST			0	0			Hail (1.50)
									Hail covered the ground.
Morris County									
1 N Burdick	12	0738CST			0	0			Hail (1.75)
Morris County									
5 SSE Latimer	12	0739CST			0	0			Hail (1.25)
Osage County									
Carbondale	12	0746CST			0	0			Hail (1.75)
Shawnee County									
3 SE Topeka	12	0748CST			0	0			Hail (1.00)
Wabaunsee County									
4 SSW Maple Hill	12	0749CST			0	0			Hail (1.00)
									An indirect injury occurred when a vehicle slid out of control on hail slickened pavement.

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Shawnee County									
3 N Richland	12	0750CST			0	0			Hail (1.00)
Douglas County									
Lecompton	12	0800CST			0	0			Hail (1.00)
Geary County									
2 NE Junction City	12	0805CST			0	0			Hail (1.75)
Douglas County									
3 W Lawrence	12	0806CST			0	0			Hail (1.75)
Morris County									
5 NE White City	12	0806CST			0	0			Hail (1.00)
Shawnee County									
Rossville	12	0806CST			0	0			Hail (1.00)
Douglas County									
Lawrence	12	0808CST 0815CST			0	3	8M		Thunderstorm Wind (G78)
<p>A large portion of the city sustained damage. The governor issued a State of Disaster Emergency for Douglas County. At least three direct storm related injuries were reported. Windows were blown out of numerous cars and businesses. A trailer park also sustained damage. Numerous telephone poles and trees were blown down. Many trees and cars on the Kansas University campus were damaged. More than 70 of Kansas University's 116 buildings received some damage. Many homes in the city also sustained damage. Video of the event indicated a microburst with winds of 70 to 90 mph. Several notable events reflected the severity of the wind damage. A heating/cooling unit was blown from the roof of a campus residence hall and landed on a car. Several semi-trucks were blown onto their sides. Two brick spires were toppled from one of the city's oldest churches dating back to 1870. Two 60 foot tall silos at a country market near Lawrence were destroyed. Three 500 pound ventilators atop a junior high building were blown off the roof...one landing nearly 100 yards away. Each ventilator was 6 feet tall and 5 feet wide. The emergency manager of Douglas county estimated total damage at 8 million dollars of which 6 million dollars occurred on the Kansas University campus alone.</p>									
Jackson County									
Hoyt	12	0815CST			0	0			Hail (1.50)
Douglas County									
Lawrence	12	0817CST			0	0			Hail (0.75)
Jefferson County									
8 S Oskaloosa	12	0817CST			0	0			Hail (1.75)
Geary County									
18 ESE Junction City	12	0823CST			0	0			Hail (2.25)
Geary County									
Junction City	12	0827CST			0	0			Hail (0.88)
Wabaunsee County									
Alma	12	0832CST			0	0			Hail (1.75)
Jefferson County									
2 NNW Valley Falls	12	0835CST			0	0			Hail (1.00)
Jefferson County									
5 W Valley Falls	12	0836CST			0	0			Hail (2.75)
Jefferson County									
Perry	12	0837CST			0	0			Hail (1.00)
Riley County									
Manhattan	12	0840CST 0844CST			0	0			Hail (1.00)
<p>Numerous reports of quarter size hail within the city limits.</p>									
Pottawatomie County									
Wamego	12	0847CST 0848CST			0	0			Hail (0.88)
<p>Hail up to the size of nickels fell for several minutes.</p>									
Pottawatomie County									
5 NW St Marys	12	0850CST			0	0			Hail (1.50)
Pottawatomie County									
Belvue	12	0851CST			0	0			Hail (2.00)
Wabaunsee County									
1 SE Eskridge	12	0913CST			0	0			Hail (1.25)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Douglas County									
Lawrence	12	0921CST			0	0			Hail (1.25)
Jackson County									
Netawaka	12	0928CST			0	0			Hail (0.75)
Shawnee County									
Topeka	12	0930CST 0936CST			0	0			Hail (1.25)
			Hail up to half dollar size fell in the city.						
Shawnee County									
6 W Topeka	12	0933CST 0935CST			0	0			Hail (1.00)
			Hail up to the size of quarters fell for several minutes.						
Shawnee County									
Topeka	12	0943CST			0	0			Hail (0.88)
			KDOT snow plows were dispatched to remove accumulated hail over parts of Shawnee County.						
Jefferson County									
Valley Falls	12	1010CST			0	0			Hail (1.75)
Franklin County									
8 NW Ottawa	12	1310CST			0	0			Hail (1.00)
Douglas County									
4 N Baldwin	12	1334CST			0	0			Hail (1.00)
Anderson County									
6 NE Colony	12	1335CST			0	0			Hail (1.00)
Douglas County									
3 S Eudora	12	1335CST			0	0			Hail (2.75)
Douglas County									
1 SW Eudora	12	1342CST			0	0			Hail (1.00)
Anderson County									
8 N Kincaid	12	1755CST			0	0			Hail (1.25)
Douglas County									
3 WSW Baldwin	12	1835CST			0	0			Hail (1.00)
Douglas County									
Baldwin	12	1837CST			0	0			Hail (0.88)
KSZ010>012-021>024-026-034>036-038			Marshall - Nemaha - Brown - Clay - Riley - Pottawatomie - Jackson - Jefferson - Ottawa - Dickinson - Geary - Wabaunsee						
	20	0300CST			0	0			Winter Weather
	21	0300CST							
			Light snow lasted around 24 hours and began during the early morning hours of the 20th and continued until the early morning hours of the 21st. Snow was mixed with some sleet at times and created hazardous driving conditions. Amazingly, only one indirect injury was reported although numerous accidents occurred. Snowfall totals were quite varied across the listed counties and ranged from one to six inches. The largest amounts...in the three to six inch range...occurred across Clay, Jackson, Nemaha and Ottawa counties. Marshall county reported four to six inches with a few locations slightly more.						
KSZ008>009-020			Republic - Washington - Cloud						
	21	0100CST 0300CST			0	0			Winter Storm
			A mix of freezing drizzle, sleet and snow began around 7 pm the evening of the 19th with a changeover to snow during the early morning hours of the 20th. With temperatures near freezing and wet ground from earlier rain...some melting of snow occurred during the storm. However, on average, five to eight inches of snow accumulated causing a number of traffic accidents. Gusty winds around 35 mph also brought some drifting snow several feet deep toward the end of the storm. Surprisingly, no injuries were reported in the numerous traffic accidents.						
Geary County									
5 SE Junction City	30	1237CST			0	0			Hail (1.00)
Ottawa County									
Minneapolis	30	1240CST			0	0			Hail (1.00)
			Considerable damage was reported to vehicles and houses in Minneapolis.						
Lyon County									
5 NNW Olpe	30	1241CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Ottawa County Minneapolis	30	1247CST			0	0			Hail (1.00)
Ottawa County 9 E Delphos	30	1253CST 1255CST			0	0			Hail (2.50)
Hail up to the size of tennis balls fell for several minutes.									
Cloud County 6 N Glasco	30	1300CST			0	0			Hail (0.75)
Ottawa County Minneapolis	30	1309CST			0	0			Hail (1.75)
Lyon County Admire	30	1310CST			0	0			Thunderstorm Wind (G52)
Cloud County Clyde	30	1327CST 1330CST			0	0			Hail (1.75)
Hail up to the size of golf balls fell for several minutes.									
Cloud County Clyde	30	1330CST			0	0			Thunderstorm Wind (G52)
Roof and sides of machine shed blown off.									
Shawnee County Silver Lake	30	1344CST			0	0			Hail (1.00)
Republic County 3 NNE Agenda	30	1346CST			0	0			Hail (0.88)
Washington County 8 N Morrowville	30	1347CST			0	0			Hail (1.00)
Dickinson County Herington	30	1440CST			0	0			Hail (0.88)
Jackson County Holton	30	1440CST			0	0	75K		Lightning
Lightning struck a watershed district building and showered down fist sized pieces of concrete to the street below. One piece of concrete hit and damaged a car.									
Geary County 10 SSW Junction City	30	1450CST			0	0			Hail (1.00)
Marshall County Marysville	30	1450CST			0	0			Thunderstorm Wind (G55)
Several 1000 gallon storage tanks and stock tanks were blown across a road from a farm supply company. Several fir trees were blown over at a golf course.									
Marshall County 5 SE Beattie	30	1530CST			0	0			Thunderstorm Wind (G60)
A barn collapsed and debris was spread a quarter mile.									
Nemaha County Corning	30	1545CST			0	0			Thunderstorm Wind (G56)
Nemaha County 5 S Baileyville	30	1546CST			0	0			Thunderstorm Wind (G60)
A barn was destroyed by thunderstorm winds.									
Nemaha County Corning	30	1554CST			0	0			Thunderstorm Wind (G52)
Nemaha County 5 SSE Seneca	30	1554CST			0	0			Hail (1.00)
Nemaha County 7 N Goff	30	1559CST			0	0			Hail (0.88)
Nemaha County 7 N Goff	30	1559CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

March 2006

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

Nemaha County

7.5 S Sabetha to
6 S Sabetha

30 1604CST 2 100 0 0 200K Tornado (F1)
1606CST

This F1 tornado touched down 7.5 miles south of Sabetha, damaged one farmstead, then moved east-northeast to the Brown county border, roughly 6 miles south of Sabetha, where it damaged a second farmstead. Debris from the first homestead was scattered over a mile northeast. Some of the debris was lodged in treetops in a nearby woods. Other wood debris was driven several feet into the ground. The tornado had a path length of about 2 miles in Nemaha County with a path width of about 100 yards. The tornado then crossed the border into Brown County. The damage in Nemaha county was estimated at \$200,000. This tornado formed in a bow echo that produced an otherwise wide swath of wind damage.

Brown County

2.5 WSW Fairview to
2 WSW Fairview

30 1606CST 1 100 0 0 150K Tornado (F1)
1607CST

This F1 tornado crossed into Brown County from Nemaha County about 2.5 miles west-southwest of Fairview, where it damaged one farmstead. The path width was estimated to be 100 yards with the tornado being on the ground in Brown County for less than 1 mile. The damage in Brown County was estimated at \$150,000. The tornado formed in a bow echo that produced an otherwise wide swath of wind damage.

Wabaunsee County

4 W Eskridge

30 1606CST 0 0 Thunderstorm Wind (G52)

Brown County

Morrill

30 1610CST 0 0 Thunderstorm Wind (G61)

Significant building damage reported, numerous trees and power poles down, semis blown over.

Wabaunsee County

4 SSW Maple Hill

30 1617CST 0 0 Thunderstorm Wind (G52)

Brown County

Horton

30 1620CST 0 0 Thunderstorm Wind (G61)

Brown County

Hiawatha

30 1624CST 0 0 Thunderstorm Wind (G61)

Numerous telephone poles down, trailer blown off foundation, grain bins blown up against houses, trees down.

Shawnee County

2 N Rossville

30 1630CST 0 0 Thunderstorm Wind (G52)

Wabaunsee County

4 SSW Maple Hill

30 1635CST 0 0 Hail (1.75)

Wabaunsee County

Maple Hill

30 1640CST 0 0 Hail (2.00)
1643CST

Hail up to lime size fell for several minutes.

Shawnee County

2 NE Rossville

30 1647CST 0 0 Hail (2.50)
1651CST

Hail up to the size of tennis balls fell for several minutes.

Jackson County

4 S Holton

30 1721CST 0 0 Hail (1.00)

Anderson County

3 NNW Garnett

30 1751CST 0 0 Thunderstorm Wind (G52)

Jackson County

2 S Whiting

30 1805CST 0 0 Hail (0.88)

Hail covered the ground.

Anderson County

Garnett

30 1807CST 0 0 Thunderstorm Wind (G52)

Brown County

5 N Everest

30 1826CST 0 0 Hail (0.88)

KANSAS, Extreme Southeast

KSZ073-097-101

Bourbon - Crawford - Cherokee

01 0000CST 0 0 Drought
31 2359CST

All time record dry conditions for the month of February were experienced across extreme southeast Kansas as many locations received less than one tenth of rain for the entire month. With drought conditions ongoing heading into the month of February, these dry conditions only intensified the drought going into the month of March. According to the United States Drought Monitor, Cherokee County experienced extreme drought during the first week of March, while Crawford and Bourbon counties were

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					Killed	Injured	Property	Crops	

KANSAS, Extreme Southeast

analyzed within the severe drought category.

Bourbon County									
Devon	08	0330CST			0	0			Hail (0.75)
Crawford County									
Pittsburg	08	0350CST			0	0			Hail (0.75)
Bourbon County									
Uniontown	12	1416CST			0	0			Hail (1.75)
Bourbon County									
6 W Ft Scott	12	1425CST			0	0			Funnel Cloud
Trained spotter observed a funnel cloud under a supercell thunderstorm. No tornado occurred with this storm.									
Bourbon County									
3 NE Uniontown	12	1425CST			0	0			Hail (4.25)
Bourbon County									
Devon	12	1432CST			0	0			Hail (2.75)
Bourbon County									
Uniontown	12	1900CST			0	0			Hail (1.00)
Bourbon County									
Uniontown	12	1923CST			0	0			Hail (0.75)
Crawford County									
7 W Girard	12	1959CST			0	0			Hail (0.75)
Cherokee County									
9 W Columbus	12	2015CST			0	0			Hail (1.75)
Crawford County									
Frontenac	12	2025CST			0	0			Hail (0.88)
Crawford County									
Chicopee	12	2025CST			0	0			Hail (0.75)
Crawford County									
Pittsburg	12	2050CST			0	0			Hail (0.88)
Cherokee County									
Hallowell	12	2130CST			0	0			Hail (1.75)
Crawford County									
Walnut	12	2200CST			0	0			Hail (0.88)
Bourbon County									
Ft Scott	12	2200CST			0	0			Thunderstorm Wind (G60)
Cherokee County									
Baxter Spgs	12	2315CST			0	0			Hail (1.00)
Bourbon County									
Pawnee Station	30	2020CST			0	0			Hail (0.75)
Crawford County									
Hepler	30	2024CST			0	0			Hail (0.88)
Cherokee County									
West Mineral	30	2050CST			0	0			Thunderstorm Wind (G50)
Crawford County									
Frontenac	30	2053CST			0	0	20K		Thunderstorm Wind (G60)

Severe thunderstorm wind gusts damaged a few roofs and blew over trees and signs in the community of Frontenac.

KANSAS, North Central

Smith County									
10 N Bellaire	12	0720CST			0	0	0	0	Hail (0.88)
Jewell County									
3 NW Formoso	12	0755CST 0800CST			0	0	0	0	Hail (1.00)

KSZ005>007-017>019 Phillips - Smith - Jewell - Rooks - Osborne - Mitchell

	20	1200CST			0	0	0	0	Winter Storm
	21	0800CST							

A major storm system brought snow to the region on the start of the spring season. The snow began by midday on the 20th and ended during the morning of the 21st. Snowfall amounts ranged from 6 to 12 inches with Phillipsburg picking up 10 inches and Mankato saw 12 inches of snow pile up. Winds did cause some blowing and drifting of the snow. Most area schools were closed at

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					Killed	Injured	Property	Crops	

KANSAS, North Central

least one day during the storm.

Osborne County									
1 W Alton	30	0740CST			0	0	0	0	Hail (0.88)
Rooks County									
5 W Stockton	30	1055CST			0	0	0	0	Hail (0.75)
Phillips County									
5 W Agra	30	1115CST			0	0	0	0	Hail (1.00)
Smith County									
Kensington	30	1134CST			0	0	20K	0	Hail (1.00)
Osborne County									
Osborne	30	1158CST			0	0	0	0	Hail (0.75)
Mitchell County									
Cawker City	30	1220CST			0	0	0	0	Hail (0.88)
Smith County									
2 E Lebanon	30	1235CST			0	0	0	0	Hail (1.00)
Jewell County									
3 W Esbon	30	1242CST			0	0	0	0	Hail (1.00)
Jewell County									
Mankato	30	1250CST			0	0	0	0	Hail (0.75)

Mid-day thunderstorms brought hail to north-central Kansas. Hailstones ranged from penny to quarter size as the storms rumbled from US Highway 183 to Kansas Highway 181.

KANSAS, Northeast

Leavenworth County									
1 E Linwood to 2 E Linwood	12	0820CST 0822CST	1	50	0	0	10K		Tornado (F0)

Brief tornado touchdown. Some structural damage noted to several residences.

Leavenworth County									
2 W Tonganoxie	12	0823CST			0	0			Hail (0.75)

Leavenworth County									
4 NE Tonganoxie	12	0828CST			0	0			Hail (1.75)

Leavenworth County									
Basehor	12	0834CST			0	0	200K		Hail (2.75)

Numerous roofs damaged.

Wyandotte County									
1 N Edwardsville	12	0840CST			0	0	150K		Thunderstorm Wind (G52)

Thunderstorm wind damage to the Great Wolf Lodge.

Wyandotte County									
2 E Kansas City	12	1339CST			0	0			Hail (0.88)

Johnson County									
2 W De Soto	12	1342CST			0	0	100K		Hail (2.00)

Leavenworth County									
4 NE Leavenworth	12	1342CST			0	0			Hail (0.75)

Leavenworth County									
4 NE Linwood	12	1342CST			0	0			Hail (0.75)

Johnson County									
2 E De Soto	12	1343CST			0	0			Hail (1.00)

Linn County									
Centerville	12	1350CST			0	0			Hail (0.75)

Wyandotte County									
Kansas City	12	1351CST			0	0			Hail (0.75)

Wyandotte County									
Bonner Spgs	12	1354CST			0	0	150K		Hail (2.25)

Leavenworth County									
2 E Basehor	12	1355CST			0	0	250K		Hail (2.75)

Numerous roofs damaged.

Linn County									
Centerville	12	1355CST			0	0	25K		Hail (1.75)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Wyandotte County									
Bonner Spgs	12	1356CST			0	0	150K		Hail (1.75)
Linn County									
Goodrich	12	1401CST			0	0			Hail (1.75)
Wyandotte County									
Kansas City	12	1405CST			0	0			Hail (1.00)
Wyandotte County									
Kansas City	12	1409CST			0	0	100K		Hail (1.75)
Linn County									
La Cygne	12	1410CST			0	0			Hail (0.75)
Wyandotte County									
3 NE Kansas City	12	1415CST			0	0	50K		Hail (1.50)
Linn County									
6 ESE La Cygne to 8 E La Cygne	12	1420CST 1424CST	2	220	0	0			Tornado (F0)
Tornado touched in rural country 6 miles east-southeast of La Cygne at 1420 CST. It crossed from Linn county into Bates county Missouri at 1424 CST...8 miles east of La Cygne. Damage was limited to trees.									
Linn County									
La Cygne	12	1425CST			0	0			Hail (0.88)
Linn County									
2 SE Prescott	12	1435CST			0	0	35K		Hail (4.50)
Johnson County									
Olathe	12	1635CST			0	0			Hail (0.75)
Johnson County									
1 S Shawnee	12	1640CST			0	0	40K		Hail (1.50)
Johnson County									
Shawnee	12	1641CST			0	0			Hail (1.25)
Wyandotte County									
4 W Kansas City	12	1650CST			0	0			Hail (1.00)
Leavenworth County									
4 S Basehor	12	1658CST			0	0			Hail (1.75)
Miami County									
Osawatomie	12	1814CST			0	0			Hail (1.25)
Miami County									
5 E Osawatomie	12	1814CST			0	0			Hail (1.00)
Miami County									
Osawatomie	12	1814CST			0	0			Hail (1.75)
Miami County									
Osawatomie	12	1816CST			0	0			Hail (1.00)
Johnson County									
Overland Park	12	1825CST			0	0	50K		Hail (1.50)
Johnson County									
Stanley	12	1826CST			0	0			Hail (1.00)
Johnson County									
Leawood	12	1829CST			0	0	50K		Hail (1.75)
Miami County									
Bucyrus	12	1830CST			0	0			Hail (0.88)
Johnson County									
2 S Leawood	12	1831CST			0	0			Hail (0.75)
Johnson County									
Overland Park	12	1832CST			0	0			Hail (1.75)
Leavenworth County									
Basehor	12	1852CST			0	0			Hail (0.75)
Johnson County									
De Soto	12	1900CST			0	0			Hail (1.75)

A significant tornado outbreak occurred over portions of eastern Kansas and western Missouri on March 12, 2006. Three distinct rounds of severe weather occurred on March 12th, one in the morning, the second in the mid-afternoon hours, and the last round

Storm Data and Unusual Weather Phenomena

March 2006

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

KANSAS, Northeast

which occurred after sunset. In addition to the seventeen tornado touchdowns in the Pleasant Hill forecast area, 203 reports of large hail and/or damaging winds were also received from virtually every county in the Pleasant Hill service area. To put the March 12th outbreak into perspective, an average severe weather season in our local area brings approximately 11 tornadoes, and around 400 reports of hail and/or damaging wind to the local region. Unfortunately, 6 lives were lost from the tornadoes that struck Urich, Sedalia, and Renick, Missouri. Another 60 persons were injured. Damage estimates in the Kansas City metropolitan area alone reached \$6.58 million.

Atchison County 5 E Arrington	12	0843CST			0	0			Hail (1.00)
Atchison County 1 N Atchison	12	0910CST			0	0	50K		Hail (1.75)
Atchison County 8 SE Cummings	12	1029CST			0	0	50K		Hail (1.75)
Atchison County 2 SSW Atchison	12	1030CST			0	0			Hail (1.75)
Atchison County 4 S Atchison	12	1035CST			0	0	25K		Hail (1.75)
Johnson County 3 WNW Shawnee	12	1358CST			0	0	250K		Hail (2.50)
			Numerous roofs and cars damaged by the hail.						
Johnson County 2 W Olathe	12	1632CST			0	0			Hail (1.50)
Atchison County 3 NW Arrington	30	1430CST			0	0			Hail (0.75)
Linn County Prescott	30	1455CST			0	0			Hail (0.75)
Doniphan County Highland	30	1710CST			0	0			Hail (0.75)
Doniphan County 2 E Denton	30	1808CST			0	0			Hail (1.00)
Doniphan County Severance	30	1810CST			0	0			Hail (1.00)
Atchison County 4 N Muscotah	30	1815CST			0	0			Hail (1.00)
Doniphan County Highland	30	1830CST			0	0			Thunderstorm Wind (G52)
Johnson County Spring Hill	30	1834CST			0	0			Hail (0.88)
Johnson County Stanley	30	1835CST			0	0			Thunderstorm Wind (G52)
Doniphan County Highland	30	1840CST			0	0			Hail (0.75)
Doniphan County Highland	30	1840CST			0	0			Thunderstorm Wind (G52)
Linn County Mound City	30	1854CST			0	0			Hail (1.00)
Linn County Pleasanton	30	1900CST			0	0			Hail (1.75)

KANSAS, Northwest

KSZ001>004-013>016-027>029-041>042	Cheyenne - Rawlins - Decatur - Norton - Sherman - Thomas - Sheridan - Graham - Wallace - Logan - Gove - Greeley - Wichita								
	20	0800MST 1700MST			0	0			Heavy Snow

A winter storm produced heavy snow across all of northwest Kansas, southwest Nebraska and east central Colorado. Minor blowing and drifting was also reported. Numerous traffic accidents were reported in the area with school, business and road closures common. Snowfall amounts were heaviest across Decatur, Rawlins Sherman, Thomas and Wallace counties with a maximum of 12 to 14 inches reported by cooperative observers and storm spotters. Goodland, Kansas reported 13.4 inches of snow

Storm Data and Unusual Weather Phenomena

March 2006

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

KANSAS, Northwest

in 24 hours, making it the 7th snowiest calendar day on record.

Some county snowfall amounts in the Tri-state area include, in Colorado: Yuma 6-10", Kit Carson 6-12", Cheyenne 6-8"; in Nebraska: Dundy 5-9", Hitchcock 6-9", Red Willow 9-11"; in Kansas: Cheyenne 8-11", Rawlins 6-13", Decatur 8-12", Norton 8-10", Sherman 9-14", Thomas 8-13", Sheridan 8-12", Graham 8-10", Wallace 8-14", Logan 6-12", Gove 6-12", Greeley 4-7", Wichita 6-10".

KSZ004

Norton

27 0635MST **0** **0** **High Wind (G50)**

A low pressure system over eastern Kansas and high pressure in Colorado resulted in a strong pressure gradient across all of northwest Kansas and southwest Nebraska. While most winds were northwest at 30 mph gusting to 45 mph overnight...an isolated wind gust of 58 mph was recorded at the mesonet site in Norton, Kansas.

KANSAS, Southeast

Labette County 2 ENE Edna to Edna

08 0258CST **0** **0** **Hail (1.25)**

Most of the hail was quarter size.

KSZ069

Butler

08 1214CST **0** **0** **Wildfire**
09 0900CST

A large fire started in the early afternoon hours of March 8th, just east of Towanda. The fire spread quickly, fed by drought conditions and very strong southwesterly winds. The fire started as an accident involving a trailer on K-254. A sheriff's deputy noticed a problem with the trailer, and as he was pulling the driver over the tongue of the trailer dislodged from the hitch, which kicked up sparks as it was dragged across the pavement. The strong winds blew the sparks into the parched grassland, triggering the fire. The fire caused thick smoke to blow across the Kansas Turnpike, resulting in a two-car accident and eventually shutting the roadway down for 45 minutes. In all, the fire charred 10,700 acres of grassland, damaged or destroyed 10 outbuildings, caused minor damage to two homes, set three oil wells ablaze, and caused the evacuation of Oil Hill Elementary School. About 34 state, county, and city agencies fought the fire, which was declared officially extinguished by 9:00 am, March 9th. Information for this narrative was provided by the Wichita Eagle, The McPherson Sentinel, and the Chanute Tribute.

Sumner County Wellington

12 0430CST **0** **0** **Hail (0.75)**

Sedgwick County Derby

12 0500CST **0** **0** **Hail (1.25)**

Sedgwick County 4 S Derby

12 0501CST **0** **0** **Hail (0.75)**

Butler County Andover

12 0513CST **0** **0** **Hail (1.00)**

Butler County 1 N Andover

12 0517CST **0** **0** **Hail (0.88)**

Harvey County 8 SE Newton

12 0547CST **0** **0** **Hail (1.25)**

Harvey County 1 S Newton

12 0553CST **0** **0** **Hail (0.75)**

Mcpherson County Mc Pherson

12 0558CST **0** **0** **Hail (0.88)**

Marion County Lincolville

12 0727CST **0** **0** **Hail (1.75)**

Marion County Lost Spgs

12 0728CST **0** **0** **Hail (1.25)**

Marion County Ramona

12 0800CST **0** **0** **Hail (1.00)**

Marion County Ramona

12 0802CST **0** **0** **Hail (1.25)**

Elk County Grenola

12 1224CST **0** **0** **Hail (1.25)**

Elk County Grenola

12 1226CST **0** **0** **Hail (1.75)**

Greenwood County 1 W Fall River

12 1227CST **0** **0** **Hail (1.75)**

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Elk County									
1 S Howard	12	1235CST			0	0			Hail (2.75)
Woodson County									
Yates Center	12	1247CST			0	0			Hail (0.88)
Woodson County									
Yates Center	12	1257CST			0	0			Hail (1.75)
Montgomery County									
3 NW Sycamore	12	1310CST			0	0			Funnel Cloud
Wilson County									
6 W Fredonia	12	1310CST			0	0			Hail (1.00)
Wilson County									
Neodesha	12	1315CST			0	0			Hail (1.75)
Woodson County									
3 E Rose	12	1332CST			0	0			Hail (2.75)
Wilson County									
4 NE Altoona	12	1338CST			0	0			Hail (1.75)
Wilson County									
Benedict	12	1338CST			0	0			Hail (1.75)
Wilson County									
6 NE Altoona	12	1340CST			0	0			Hail (3.00)
Allen County									
2 W Iola	12	1344CST			0	0			Hail (1.75)
Allen County									
1 E Iola	12	1345CST			0	0			Funnel Cloud
Allen County									
Iola	12	1345CST			0	0			Hail (1.75)
Allen County									
Iola	12	1736CST			0	0			Hail (0.75)
Allen County									
Iola	12	1741CST			0	0			Hail (1.25)
Allen County									
4 SE Iola	12	1823CST			0	0			Hail (0.75)
Montgomery County									
4 E Caney	12	1838CST			0	0			Hail (1.75)
Montgomery County									
Tyro	12	1838CST			0	0			Hail (1.75)
Allen County									
1 NNE Elsmore	12	1841CST			0	0			Hail (0.75)
Montgomery County									
4 SE Independence	12	1850CST			0	0			Hail (1.75)
Montgomery County									
1 E Cherryvale	12	1854CST			0	0			Hail (1.00)
		Half mile east of highway 169 near Cherryvale.							
Montgomery County									
3 SE Independence	12	1854CST			0	0			Hail (1.00)
Neosho County									
4 ESE Chanute	12	1855CST			0	0			Hail (0.75)
Neosho County									
3 W Chanute	12	1855CST			0	0			Hail (1.00)
Allen County									
1 E Iola	12	1858CST			0	0			Hail (1.75)
Neosho County									
2 S Erie	12	1902CST			0	0			Hail (1.75)
Labette County									
4 S Dennis	12	1919CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Neosho County									
1 W Stark	12	1923CST			0	0			Hail (1.00)
Allen County									
Savonburg	12	1930CST			0	0			Hail (0.75)
Labette County									
1 E Edna	12	1938CST			0	0			Hail (1.00)
Labette County									
2 NW Bartlett	12	1940CST			0	0			Hail (0.88)
Labette County									
2 N Chetopa	12	2010CST			0	0			Hail (1.75)
Allen County									
Humboldt	12	2126CST			0	0			Hail (0.75)
Allen County									
La Harpe	12	2130CST			0	0			Hail (1.00)
Labette County									
Chetopa	12	2255CST			0	0			Hail (1.00)
KSZ032>033-047>051			Russell - Lincoln - Barton - Ellsworth - Saline - Rice - Mcpherson						
	20	1100CST			0	0	0	0	Winter Storm
	21	0300CST							
<p>A powerful winter storm moved across the central plains on March 20th, producing 2 to 6 inches of snow across portions of central Kansas. The heaviest snow accumulations occurred across Russell and Barton counties. In addition to the snow, periods of freezing drizzle and freezing rain resulted in a thin layer of ice across portions of central Kansas. Several accidents were reported on the morning of the 20th, some with injuries (indirect). Fortunately, most of the injuries (indirect) were relatively minor. A semi traveling northbound on I-135 at roughly milepost 60 in McPherson County slid out of control due to the icy road, striking a guard rail and a bridge structure. The semi came to rest on its side under the Avenue A overpass.</p>									
Cowley County									
Arkansas City	30	1008CST			0	0	0	0	Hail (0.75)
Cowley County									
Arkansas City	30	1009CST			0	0	0	0	Hail (0.75)
Lincoln County									
9 S Lincoln	30	1207CST			0	0	0	0	Hail (1.75)
Ellsworth County									
8 E Kanopolis	30	1214CST			0	0	0	0	Hail (1.75)
Sedgwick County									
Wichita	30	1232CST			0	0	0	0	Hail (0.88)
Reported in North Wichita.									
Sedgwick County									
Wichita	30	1236CST			0	0	0	0	Hail (1.50)
Reported at the National Weather Service office.									
Harvey County									
Newton	30	1238CST			0	0	0	0	Hail (1.00)
Harvey County									
5 ENE Newton	30	1240CST			0	0	0	0	Hail (1.00)
Harvey County									
3 NE Newton	30	1242CST			0	0	0	0	Hail (1.75)
Sedgwick County									
3 N Park City	30	1246CST			0	0	0	0	Hail (1.00)
Sedgwick County									
3 N Park City	30	1248CST			0	0	0	0	Hail (1.50)
Sedgwick County									
5 NE Wichita	30	1257CST			0	0	0	0	Hail (1.75)
Harvey County									
2 ESE Annelly	30	1301CST			0	0	0	0	Hail (1.50)
Saline County									
10 NE Salina	30	1310CST			0	0	0	0	Hail (0.88)
Marion County									
Peabody	30	1325CST			0	0	0	0	Hail (1.00)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Reno County									
Hutchinson	30	1325CST 1330CST	3	50	0	0	50K	0	Tornado (F0)
Touched down sporadically along a 3 mile path on the east side of Hutchinson in the vicinity of highway K-61. The tornado caused some tree damage, destroyed a carport, and damaged a business sign. It also caused windshield damage to over 30 vehicles parked at the hospital.									
Marion County									
Florence	30	1327CST			0	0	0	0	Hail (1.00)
Marion County									
Florence	30	1330CST			0	0	0	0	Hail (1.75)
Marion County									
3 SW Durham to 2.5 N Durham	30	1413CST 1418CST	6	75	0	1	70K	0	Tornado (F1)
The tornado moved rapidly northeast, producing F1 damage at two farmsteads. Several outbuildings were damaged or destroyed. One person was injured while traveling on highway K-15, when the tornado rolled their vehicle several times.									
Chautauqua County									
Cedar Vale	30	1455CST			0	0	0	0	Hail (0.88)
Marion County									
3 SSW Peabody	30	1501CST			0	0	0	0	Hail (0.88)
Elk County									
3 S Moline	30	1512CST			0	0	0	0	Hail (1.75)
Elk County									
Moline	30	1516CST			0	0	0	0	Hail (1.00)
Wilson County									
2 N Fredonia to 4 N Fredonia	30	1550CST 1553CST	2.5	50	0	0	0	0	Tornado (F0)
Sporadic touchdowns along a 2 to 3 mile path over open country. Did not produce any known damage.									
Montgomery County									
3 NE Havana to 1 NW Sycamore	30	1606CST 1630CST	16	125	0	1	400K	0	Tornado (F2)
The tornado produced F2 damage 4 miles north of Wayside, and again 2 miles southwest of Sycamore. Several homes and mobile homes were damaged or destroyed along its 16 mile path. The most concentrated damage occurred roughly 2 to 3 miles southwest of Sycamore in the township of Radical, where several homes and mobile homes sustained damage, some of which was major. Additionally, numerous trailers were overturned at Elk City Lake. Unfortunately, one man was seriously injured (direct) 3 miles southwest of Sycamore, when his home was hit by the tornado. Average path width ranged from 75 to 125 yards.									
Montgomery County									
Sycamore	30	1616CST			0	0	0	0	Hail (0.88)
Cowley County									
10 NE Winfield	30	1617CST			0	0	0	0	Hail (0.75)
Greenwood County									
1 W Severy	30	1700CST			0	0	0	0	Hail (0.75)
Greenwood County									
1 N Climax	30	1708CST			0	0	0	0	Thunderstorm Wind (G52)
Greenwood County									
2 W Severy	30	1708CST			0	0	0	0	Hail (0.88)
Wilson County									
Coyville	30	1730CST			0	0	0	0	Hail (1.00)
Wilson County									
3 E Coyville to 2 E Buffalo	30	1735CST 1755CST	10	75	0	0	20K	0	Tornado (F1)
Damaged a barn, carport, and some trees.									
Wilson County									
Coyville	30	1737CST			0	0	0	0	Hail (2.00)
Woodson County									
8 SE Yates Center	30	1800CST 1801CST	0.1	50	0	0	0	0	Tornado (F0)
Brief touchdown over open country. Did not produce any known damage.									

Storm Data and Unusual Weather Phenomena

March 2006

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

Allen County

**3 SSW Humboldt to
2.5 SSW Humboldt** 30 1803CST
1804CST 0.5 50 0 0 0 0 0 0 **Tornado (F0)**

Brief touchdown over open country. Did not produce any known damage.

Montgomery County

Havana 30 1935CST 0 0 0 0 0 0 **Hail (0.88)**

Neosho County

5 N Galesburg 30 1948CST 0 0 0 0 0 0 **Hail (0.75)**

Labette County

1 E Edna 30 2037CST 0 0 0 0 0 0 **Hail (0.75)**

Labette County

Oswego 30 2050CST 0 0 0 0 0 0 **Hail (0.75)**

KANSAS, Southwest

**KSZ061-074-077>078-
078-078>079-081-
084>086-088-090** **Hamilton - Stanton - Gray - Ford - Edwards - Pratt - Morton - Stevens - Seward - Clark - Barber**

12 1331CST
1600CST 0 0 0 0 0 0 **High Wind (G65)**

Several Large trees blown down in Syracuse.

High wind buffeted the area from 1331 through 1600. Several large tree limbs were blown down in Syracuse. Cimarron reported a 60 mph wind gust at the Jr/Sr High school. Shingles and many tree limbs were blown down in Johnson. A 60 mph wind gust was recorded at the Hugoton airport at 1402 CST. A 58 mph gust was reported at the Pratt airport at 1410 CST. The Dodge City ASOS at the airport experienced a 50 mph gust also. Liberal had a 59 mph gust at the airport at 1435 CST. Power lines were blown down in Kinsley. The Elkhart airport had a 58 mph gust at 1508 CST. The visibility dropped to 1 mile at times in blowing dust/dirt at the Dodge City airport when the wind gusted to 58 mph at 1536 CST. Several fences were blown down in Ashland. Four inch diameter limbs were broken in Medicine Lodge. Back in Dodge City, a twelve inch diameter tree branch broke and crushed a vehicle on Central Street. Other car windows were broken out in the same general vicinity. There was also some shingle damage in Dodge City.

KSZ030>031- 043>046-061>065- 074>079-084>088

Trego - Ellis - Scott - Lane - Ness - Rush - Hamilton - Kearny - Finney - Hodgeman - Pawnee - Stanton - Grant - Haskell - Gray - Ford - Edwards - Morton - Stevens - Seward - Meade - Clark

19 2000CST 0 0 0 0 0 0 **Blizzard**
21 0600CST

A vigorous upper level storm system moved out of New Mexico late Saturday, March 18th, sending overrunning moisture northward into Kansas. A stationary front along the Kansas-Oklahoma border served as a focusing boundary for precipitation, which began as rain on Sunday, March 19th, then quickly changed to snow Sunday night and continued much of the day Monday, March 20th. When the system finally exited Southwest Kansas late Monday, heavy snow covered much of the area. A 60-mile wide band of 8 to 10 inches of snow fell along a line centered from Ness City to Garden City to Ulysses to 10 miles north of Hugoton, with a 25-mile wide tongue of 8 to 10 inches of snow also from Sublette southeastward to Meade. Two small pockets of 10 to 11 inches of snow fell within the 60-mile wide band: one in the central part of Haskell County; and the second one from northwest Hodgeman County into extreme eastern Finney County. A large area of 6 to 8 inches of snowfall surrounded the band of higher amounts, and was west and north of a line from Wakeeney to LaCrosse to Minneola to just south of Meade to Liberal to Elkhart. East of this line, a 10 to 20-mile wide band of snow with 4 to 5 inch amounts. The southeastern part of the DDC CWA received 2 inches of snow or less from this storm.

**KSZ074-084-086-086-
090** **Stanton - Morton - Seward - Barber**

30 1101CST 0 0 0 0 0 0 **High Wind (G53)**
1354CST

The wind gust was reported at the Johnson middle school by a KSN-TV weather lab.

Wind gusts were 58 mph at the Rolla grade school (KSN-TV wx lab), 61 mph at the Johnson City middle school at 1120 CST, 58 mph at the Liberal airport at 1155 and 59 mph at 1215 CST, and 59 mph at the Medicine Lodge airport at 1354 CST.

KENTUCKY, Central

Washington County Countywide

09 1645EST 0 0 0 0 0 0 **Thunderstorm Wind (G50)**

Allen County

5 SE Scottsville 09 1827EST 0 0 0 0 0 0 **Thunderstorm Wind (G50)**

Edmonson County

2 W Brownsville 09 1835EST 0 0 0 0 0 0 **Thunderstorm Wind (G50)**

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KENTUCKY, Central</u>									
Warren County Bowling Green	09	1835EST			0	0	5K		Thunderstorm Wind (G63) Shingles were blown off the roof of the Corvette plant.
Warren County Hays	09	1840EST			0	0	20K		Thunderstorm Wind (G50) A tree was blown on to a mobile home.
Warren County Oakland	09	1840EST			0	0			Thunderstorm Wind (G50) Power lines were blown down at the intersection of US Highway 31W and Kentucky Highway 101.
Barren County Countywide	09	1845EST			0	0			Thunderstorm Wind (G50)
Monroe County Gamaliel	09	1850EST			0	0			Thunderstorm Wind (G50)
Hart County Priceville	09	1855EST			0	0			Thunderstorm Wind (G52)
Metcalfe County Edmonton	09	1900EST			0	0			Thunderstorm Wind (G50)
Hardin County Elizabeth Town	09	1905EST			0	0			Thunderstorm Wind (G50)
Larue County Hodgenville	09	1908EST			0	0			Thunderstorm Wind (G50)
Allen County Holland	09	1910EST			0	0			Thunderstorm Wind (G50)
Adair County Columbia	09	1919EST			0	0	1K		Thunderstorm Wind (G57) A metal shed was blown away.
Taylor County Campbellsville	09	1929EST			0	0			Thunderstorm Wind (G50)
Adair County Glens Fork	09	1930EST			0	0			Thunderstorm Wind (G52)
Russell County 5 E Jamestown	09	1940EST			0	0			Thunderstorm Wind (G50)
Mercer County Countywide	09	1946EST			0	0	35K		Thunderstorm Wind (G60) Numerous trees were blown down across the county. Power lines were downed in Cornishville. A barn was blown on to Oregon Road in the northeast part of the county.
Logan County Russellville	09	2135EST			0	0			Thunderstorm Wind (G50)
Ohio County Countywide	09	2135EST			0	0	10K		Thunderstorm Wind (G60) There were reports of trees down countywide, along with pea size hail. A concrete building was damaged two miles southeast of Beaver Dam.
Butler County Countywide	09	2140EST 2150EST			0	0			Thunderstorm Wind (G50) Trees and power lines were downed countywide. Pea size hail was reported in the city of Morgantown.
Grayson County Caneyville	09	2150EST			0	0			Thunderstorm Wind (G50)
Breckinridge County Countywide	09	2159EST 2210EST			0	0	150K		Thunderstorm Wind (G90) Roofs were blown off two buildings in Hardinsburg. A barn was blown into a road just outside of Hardinsburg. Trees and power lines were downed countywide.
Edmonson County Countywide	09	2200EST			0	0			Thunderstorm Wind (G50)
Hancock County Countywide	09	2200EST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Grayson County 6 N Leitchfield	09	2205EST			0	0			Thunderstorm Wind (G62)
Hardin County Ft Knox	09	2205EST			0	0			Thunderstorm Wind (G52)
A 60 MPH wind gust was measured at Godman Army Airfield.									
Warren County Bowling Green	09	2215EST 2216EST			0	0	50K		Thunderstorm Wind (G63)
Roof damage was reported in the Stonehenge Apartment complex. Trees and power lines were downed throughout the city.									
KYZ039									
Anderson									
	09	2224EST			0	0	5K		High Wind (G60)
Gradient winds blew a tree on to a vehicle in Lawrenceburg, well ahead of a line of thunderstorms.									
Larue County 1 N Hodgenville	09	2230EST			0	0			Thunderstorm Wind (G50)
Hardin County Elizabeth Town	09	2231EST 2237EST			0	0	50K		Thunderstorm Wind (G90)
The roof was blown off a house in the St. John's Road area.									
Jefferson County Countywide	09	2240EST			0	0			Thunderstorm Wind (G50)
Bullitt County Mt Washington	09	2242EST			0	0	2K		Thunderstorm Wind (G60)
A fence was blown down.									
Nelson County Countywide	09	2246EST 2248EST			0	0			Thunderstorm Wind (G52)
Green County Countywide	09	2250EST			0	0			Thunderstorm Wind (G50)
Spencer County Countywide	09	2255EST			0	0			Thunderstorm Wind (G50)
Metcalf County Countywide	09	2300EST			0	0	20K		Thunderstorm Wind (G60)
The roof was blown off a barn in Edmonton.									
Taylor County Countywide	09	2304EST			0	0			Thunderstorm Wind (G50)
Marion County Lebanon	09	2305EST			0	0			Thunderstorm Wind (G50)
Oldham County Countywide	09	2305EST			0	0			Thunderstorm Wind (G50)
Shelby County Countywide	09	2305EST			0	0	1K		Thunderstorm Wind (G60)
Trees were blown down in Shelbyville and Simpsonville. A gas pump was blown over in Simpsonville.									
Washington County Springfield	09	2305EST			0	0	20K		Thunderstorm Wind (G60)
The roof was blown off a barn in Springfield.									
Anderson County Lawrenceburg	09	2335EST			0	0			Thunderstorm Wind (G50)
Woodford County Versailles	09	2350EST			0	0			Thunderstorm Wind (G50)
A series of upper level disturbances moved along a surface warm frontal boundary. This produced lines of severe thunderstorms that crossed Central Kentucky. Trees and power lines were downed over much of the area, in addition to reports of structural damage.									
Trimble County Bedford	11	0950EST 1430EST			0	0			Flash Flood
The Connector Road in Bedford was covered by four feet of water. It was closed and barricaded. Mount Pleasant Road was closed. The Highway 625 bridge was closed. Highway 316 was closed near Highway 421.									

Storm Data and Unusual Weather Phenomena

March 2006

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

Harrison County

2 NNW Sunrise

11	1152EST 1445EST				0	0			Flash Flood
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The bridge on Havilandsville Road was closed due to high water.

Trimble County

Countywide

11	1430EST 2130EST				0	0			Flood
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Thunderstorms redeveloped Saturday afternoon over areas that had been affected by flash flooding in the morning. Many area roads and highways were closed due to high water.

Allen County

Scottsville

11	1930EST				0	0	5K		Thunderstorm Wind (G60)
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Trees were downed on Old Hartsville Road. There was unspecified structural damage to a garage on Stovall Road.

Trimble County

Bedford

12	0900EST 1018EST				0	0			Flash Flood
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Connector Road and Mt. Pleasant Road were closed due to high water. The bridge on Highway 625 in Bedford was also closed. An area flood warning was issued for Trimble County through 815 EST on the evening of March 12. Persistent rainfall into the afternoon hours caused travel problems through the early evening hours.

Jefferson County

Louisville

12	1000EST 1018EST				0	0			Flash Flood
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Third Street was closed at several locations: at Winkler; around Eastern and Southern Parkways; and around Southside Drive and New Cut Road.

Logan County

Adairville

13	1625EST				0	0			Hail (0.75)
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Warren County

2 SW Richardsville

13	1628EST				0	0			Hail (2.75)
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Larue County

Buffalo

13	1630EST				0	0			Hail (0.88)
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Logan County

4 W Adairville

13	1632EST				0	0	75K		Thunderstorm Wind (G70)
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A barn was blown over.

Edmonson County

Brownsville

13	1645EST				0	0			Hail (1.00)
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Hardin County

4 S Sonora

13	1710EST				0	0			Hail (1.25)
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Marion County

Raywick

13	1724EST				0	0			Hail (0.75)
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Marion County

Loretto

13	1725EST				0	0			Hail (0.75)
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Washington County

2 SW Springfield

13	1755EST				0	0			Hail (0.75)
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Nelson County

Boston

14	1210EST 2340EST				0	0			Flood
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The Rolling Fork River at Boston crested at 35.23 feet around 6 PM EST on March 14. Flood stage at Boston is 35 feet. Minor flooding occurs at this level, with agricultural bottomland covered with water.

KENTUCKY, Eastern

Wayne County

2 E Monticello

09	1940EST 1948EST				0	0	0	0	Thunderstorm Wind (G50)
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Tree down two miles east of Monticello.

Pulaski County

Eubank

09	1955EST 2005EST				0	0	0	0	Thunderstorm Wind (G50)
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Large tree limbs down at North Highway 27 and Highway 1247.

Storm Data and Unusual Weather Phenomena

March 2006

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, Northern</u>									
Boone County									
Burlington	12	0640EST 1100EST			0	0			Flash Flood
			Three to four feet of water covered a few roads. Several homes sustained basement flooding.						
Campbell County									
Alexandria	12	0810EST 1100EST			0	0			Flash Flood
			Numerous roads were flooded. A few homes sustained basement flooding in town.						
Gallatin County									
Countywide	12	0810EST 1100EST			0	0			Flash Flood
			Many roads throughout the county were flooded. A few creeks rose out of their banks.						
Kenton County									
Covington	12	0810EST 1100EST			0	0			Flash Flood
			Several roads were flooded.						
KYZ089>099									
	21	0510EST 1400EST			0	0			Winter Storm
			A low pressure system tracked from the southern plains into the northern Tennessee and southern Ohio valleys during the overnight hours of Monday, March 20th, bringing a wintry mix to the Cincinnati metropolitan area. Over much of northern Kentucky, this precipitation was mainly in the form of freezing rain, which accumulated to a quarter inch. The system tracked quickly through the area and precipitation turned off from west to east on the afternoon of Tuesday, March 21st. Due to the brunt of the system striking the metropolitan area in the morning...significant delays occurred in the tri-state area.						
Boone County									
Walton	31	2230EST 2233EST			0	0	5K		Thunderstorm Wind (G50)
			A barn was destroyed, along with major damage to a few outbuildings along State Route 16. Several trees and power lines were also downed.						
<u>KENTUCKY, Southwest</u>									
Fulton County									
Fulton	09	0930CST			0	0	3K		Thunderstorm Wind (G50)
			Trees and power lines were blown down on Highway 925.						
Hickman County									
Clinton	09	1340CST			0	0	4K		Thunderstorm Wind (G55)
			A 60-foot long wooden pole barn with metal roof and sides was blown onto Highway 703 just outside Clinton. The barn landed upside down in the middle of the roadway.						
Mccracken County									
Countywide	09	1500CST 1630CST			0	0			Flash Flood
			Creeks were out of their banks. Water approached several homes in the Lone Oak area. Ditches were full, and water was running over some roads.						
Ballard County									
Countywide	09	1530CST 1630CST			0	0			Flash Flood
			A creek along U.S. Highway 60 near La Center was out of its banks and nearing the highway. Elsewhere in the county, ditches were full, and water was running over some roads.						
Trigg County									
Cadiz	09	1558CST			0	0	2K		Thunderstorm Wind (G50)
			A large sign was blown down off of a building.						
Christian County									
Hopkinsville	09	1610CST			0	0			Thunderstorm Wind (G56)
			A trained spotter estimated wind gusts from 60 to 70 MPH.						
Christian County									
Hopkinsville	09	1625CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KENTUCKY, Southwest									
Lyon County Eddyville to 8 SSW Kuttawa	09	1915CST			0	0	20K		Thunderstorm Wind (G55)
In Kuttawa, the roof of a laundromat was blown off, and the retainer wall at a post office collapsed. A farm shed was destroyed in Eddyville. In the Land Between The Lakes Recreation Area, numerous trees fell at the Hillman Ferry Campground, including some that landed on roads and a rest room building.									
Calloway County Countywide	09	1915CST 1930CST			0	0	6K		Thunderstorm Wind (G52)
About one to two miles north of Murray, a barn was partially unroofed, and a mobile home was shifted off its foundation. Trees and power lines were down in far northern parts of the county near Dexter. A spotter estimated wind gusts to 60 MPH about 5 miles northeast of Murray. Across the county, there were about a dozen reports of trees across roadways.									
Marshall County Countywide	09	1917CST 1922CST			0	0	10K		Thunderstorm Wind (G51)
Wind gusts from 60 to 70 MPH occurred with a line of showers and thunderstorms across the county. Two homes were damaged in Hardin, and one home was damaged in Benton. Windows were blown out of a feed store in Hardin. A wind gust to 59 MPH was measured by an off-duty meteorologist at Calvert City. A spotter estimated a gust to 70 MPH at Fairdealing.									
Calloway County 5 NE Murray	09	1925CST			0	0			Hail (0.88)
Caldwell County Princeton to Fryer	09	1930CST 1945CST			0	0	6K		Thunderstorm Wind (G54)
Barns were blown down in Princeton. Several trees were blown across power lines in Fryer.									
Trigg County Canton to Cadiz	09	1930CST 1945CST			0	0	4K		Thunderstorm Wind (G52)
Trees were blown down in Canton. A spotter estimated wind gusts to 60 MPH in Cadiz, which damaged gutters on a home.									
Todd County Kirkmansville to Trenton	09	1935CST 1950CST			0	0			Thunderstorm Wind (G52)
Numerous trees were blown down in the west part of the county.									
Hopkins County Dawson Spgs to White Plains	09	1942CST 1957CST			0	0	10K		Thunderstorm Wind (G52)
Numerous trees and power lines were blown down, mainly in the southern half of the county. A carport was blown off a house in Dawson Springs, and a large limb fell on a house.									
Webster County Dixon to Sebree	09	1943CST 1958CST			0	0			Thunderstorm Wind (G50)
Trees were blown down.									
Union County Sturgis to Morganfield	09	1950CST			0	0	2K		Thunderstorm Wind (G52)
A metal utility building was destroyed in Sturgis. Trees were down in Morganfield.									
Trigg County 3 ENE Cadiz	09	1950CST			0	0			Hail (0.88)
Reported on Interstate 24 near mile marker 63.									
McLean County Countywide	09	2000CST 2015CST			0	0	10K		Thunderstorm Wind (G52)
In the Livermore area, sheds and full-size tobacco barns were blown down. Shingles were blown off houses and barns. Sheets of metal siding were torn off barns. Mature trees were blown down, some of which impacted houses. Elsewhere in the county, four power poles and several trees were down.									
Muhlenberg County Countywide	09	2000CST			0	0	10K		Thunderstorm Wind (G52)
County officials received 36 reports of downed trees and 16 reports of downed power lines. Steel beams were blown off the front of a church under construction.									

Storm Data and Unusual Weather Phenomena

March 2006

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

Webster County .2 W Slaughters	09	2000CST 2300CST			1	0	20K		Flash Flood
<p>A 46-year-old female drowned while attempting to cross floodwaters on Kentucky 138. The victim was swept away after she got out of her car, which was partially moved off the road. Her body was found three-tenths of a mile from her car. F46VE</p>									

Christian County 10 NE Hopkinsville	09	2015CST			0	0			Hail (2.50)
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Christian County Gracey to Hopkinsville	09	2025CST 2030CST			0	0	10K		Thunderstorm Wind (G59)
<p>A wind gust to 68 MPH was measured at the Hopkinsville Midtown Medical Center, where some trees were down. Numerous trees and power lines were down in Gracey.</p>									

Todd County Clifty to Allensville	09	2029CST 2044CST			0	0	5K		Thunderstorm Wind (G52)
<p>In the eastern part of the county, the roof of a sun deck was blown into a neighboring house, and trees were blown down.</p>									

Henderson County Henderson to 1 NNE Henderson	09	2039CST			0	0	20K		Thunderstorm Wind (G55)
<p>A wind gust to 63 MPH was measured on the U.S. Highway 41 twin bridges over the Ohio River. In Henderson, two utility poles were knocked down, and a business sign was blown away. Outside the city, the roof was blown off a residence, and four trees were blown down.</p>									

Daviess County Whitesville	09	2056CST			0	0	4K		Thunderstorm Wind (G52)
<p>A large tobacco barn was blown across a road, and about a dozen trees were down.</p>									

Union County Sturgis	11	0430CST			0	0			Hail (0.75)
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Henderson County Henderson	11	0439CST 0444CST			0	0			Hail (0.88)
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Crittenden County Tolu	15 22	0300CST 1200CST			0	0			Flood
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Henderson County 2 N Smith Mills	15 22	0300CST 1200CST			0	0			Flood
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Union County Uniontown	15 22	0300CST 1200CST			0	0			Flood
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The Ohio River reached flood stage at J.T. Myers Lock and Dam near Uniontown after episodes of widespread thunderstorms during the preceding few days. The river crested at 39.6 feet on March 19. Flood stage is 37 feet. The flooding was minor, primarily affecting agricultural floodplain.

LAKE ERIE

Mi Waters Of Lake Erie Monroe Harbor	31	1935EST			0	0			Marine Tstm Wind
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LAKE HURON

Inner Saginaw Bay & Sw Of Pt Au Gres To Bay Port Mi Saginaw River Mouth	31	1710EST			0	0			Marine Hail
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Outer Saginaw Bay & Sw Of Alabaster To Pt Austin Mi Caseville	31	1710EST			0	0			Marine Hail
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Storm Data and Unusual Weather Phenomena

March 2006

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 HURON</u>									
Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border									
Port Huron	31	1935EST			0	0			Marine Tstm Wind
Pt Sanilac To Pt Huron Mi									
Port Huron	31	1935EST			0	0			Marine Tstm Wind
<u>LAKE MICHIGAN</u>									
Michigan City In To New Buffalo Mi									
Michigan City	13	0230EST			0	0			Marine Tstm Wind
Norwood Mi To 5Nm W Of Mackinac Bridge									
Petoskey	13	1800EST			0	0	10K		Marine Strong Wind
	14	0600EST							
High winds and pounding waves, associated with a strong low pressure system moving northeast away from the region, destroyed a 50-foot section of the concrete breakwater protecting the Petoskey Marina. Nearby peak wind speeds were 45 mph in Harbor Springs, 50 mph in Charlevoix, and 52 mph in Pellston.									
<u>LAKE ST CLAIR</u>									
St Clair River									
Port Huron	31	1935EST			0	0			Marine Tstm Wind
Lake St Clair (U.S. Portion)									
Grosse Pointe	31	2000EST			0	0			Marine Tstm Wind
Detroit River									
Belle Isle	31	2000EST			0	0			Marine Tstm Wind
<u>LOUISIANA, Northeast</u>									
LAZ016 Madison									
	09	1014CST			1	0	50K		Strong Wind
Strong wind gusts 43 knots (50 mph) occurred just ahead of an approaching squall line. These winds were responsible for downing a tree which fell on a house. This fallen tree resulted in one fatality to the woman that owned the home.									
F60PH									
Morehouse Parish									
2 N Bastrop									
	09	1054CST			0	0	5K		Thunderstorm Wind (G55)
Several trees were blown down just north of Bastrop as a line of storms pushed east-northeast across the parish.									
Morehouse Parish									
2 SE Bastrop									
	09	1102CST			0	0			Thunderstorm Wind (G52)
Bastrop AWOS measured 52 kts (60 mph).									
Richland Parish									
3 NE Rayville									
	09	1130CST			0	0			Thunderstorm Wind (G53)
Several trees were blown down.									
West Carroll Parish									
2 S Oak Grove									
	09	1133CST			0	0			Thunderstorm Wind (G53)
A few trees were blown down.									
West Carroll Parish									
3 E Epps									
	09	1150CST			0	0	50K		Thunderstorm Wind (G60)
Siding was blown off a few homes and a church roof was damaged.									
Franklin Parish									
Winnboro									
	09	1155CST			0	0	15K		Thunderstorm Wind (G55)
Several trees and power lines were blown down.									
East Carroll Parish									
Lake Providence									
	09	1158CST			0	0			Thunderstorm Wind (G50)
Catahoula Parish									
Jonesville									
	09	1210CST			0	0	10K		Thunderstorm Wind (G58)
A few power lines were blown down.									

Storm Data and Unusual Weather Phenomena

March 2006

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, Northeast</u>									
Madison Parish									
Tallulah	09	1225CST			0	0	10K		Thunderstorm Wind (G58)
Several trees and a few power lines were blown down around town.									
Tensas Parish									
8 W Newellton to 3 S Newellton	09	1235CST 1244CST			0	0	20K		Thunderstorm Wind (G60)
A roof was blown off a camp house about 8 miles west of Newellton. Additionally, just south of Newellton a few trees were blown down.									
Concordia Parish									
Clayton	09	1240CST			0	0	40K		Thunderstorm Wind (G58)
Several trees were blown down and some homes had shingles peeled off their roof.									
Catahoula Parish									
Jonesville	09	1245CST			0	0	5K		Thunderstorm Wind (G55)
A couple of power lines were blown down.									
<u>LOUISIANA, Northwest</u>									
Caddo Parish									
2 S Gilliam	09	0830CST			0	0			Thunderstorm Wind (G56)
Trees downed along US 71.									
Bossier Parish									
Benton	09	0837CST			0	0			Thunderstorm Wind (G53)
Measured gust by trained spotter.									
De Soto Parish									
Stonewall	09	0850CST			0	0			Thunderstorm Wind (G54)
Trees downed.									
Claiborne Parish									
7 SW Homer	09	0945CST			0	0			Thunderstorm Wind (G58)
Trees downed.									
Claiborne Parish									
4 SW Junction City	09	0950CST			0	0			Thunderstorm Wind (G58)
Trees downed.									
Union Parish									
Bernice	09	1000CST			0	0			Thunderstorm Wind (G57)
Trees downed									
Lincoln Parish									
Ruston	09	1000CST			0	0			Thunderstorm Wind (G55)
Gust estimated by a trained spotter.									
Jackson Parish									
3 E Jonesboro	09	1010CST			0	0			Thunderstorm Wind (G55)
Trees were downed between Jonesboro and Weston along LA Hwy 4.									
Union Parish									
Farmerville	09	1015CST			0	0			Thunderstorm Wind (G56)
Trees downed.									
Ouachita Parish									
15 W Monroe	09	1037CST			0	0			Thunderstorm Wind (G56)
Trees downed in Calhoun.									
Ouachita Parish									
Monroe	09	1100CST			0	0			Thunderstorm Wind (G56)
Numerous trees and power lines downed across the parish.									
<u>LOUISIANA, Southeast</u>									
LAZ049									
Ascension	09	1320CST			0	0	10K		Strong Wind
Strong non-thunderstorm winds ripped off a section of a building's roof.									
<u>LOUISIANA, Southwest</u>									
Vernon Parish									
Leesville	20	1110CST			0	0	2K		Thunderstorm Wind (G50)
Trees were blown down on Lake Vernon Road.									

Storm Data and Unusual Weather Phenomena

March 2006

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

NONE REPORTED.

MAINE, South

NONE REPORTED.

MARYLAND, Central

MDZ002

Allegany

02

1740EST

1750EST

0

0

50K

Strong Wind

A strong cold front crossed the region and caused strong winds to occur. There were reports of a few trees downed and minor property damage due to the strong winds. Tree limbs and powerlines were downed in the city of Cumberland. Also, some siding material was pulled loose on a building in Cumberland.

MDZ014

Anne Arundel

17

0820EST

1530EST

0

2

Wildfire

100 Acres were burned due to a wildfire in the Severn Run Natural Environment Area located near Millersville. Newspaper reports indicated that two firefighters were injured during the fire. Weather conditions were conducive to explosive fire growth, with very dry surface fuels, strong winds and low relative humidity.

MARYLAND, Northeast

MDZ008-012-015-019>020

Cecil - Kent - Queen Annes - Talbot - Caroline

14

1000EST

1700EST

0

0

5K

Strong Wind

A strong cold front moved through Eastern Maryland during the morning of the 14th. Gusty west winds followed in the wake of the front during the rest of the daytime hours. Peak wind gusts averaged around 45 mph.

MDZ008-012-015-019>020

Cecil - Kent - Queen Annes - Talbot - Caroline

15

0700EST

1800EST

0

0

5K

Strong Wind

The strong pressure gradient (difference) between a low pressure system in the Gulf of Saint Lawrence and a high pressure system building northeast from the lower Mississippi Valley produced gusty west to northwest winds during the daytime hours on the 15th in Maryland. This was the second successive day of strong gusty winds. Peak wind gusts averaged around 45 mph and included 43 mph at Tolchester Beach (Kent County).

MDZ008

Cecil

16

1600EST

1900EST

0

0

Wildfire

A wildfire consumed about 10 acres of woodlands in Elkton near the Delaware state line. The fire occurred east of the power lines off of Chesapeake Boulevard across from an industrial park. The fire was controlled that evening, but not before it came within 200 yards of a Frenchtown Road housing development. This was one of about 10 wildfires that occurred in Cecil County during the past week. Most were in either North East or Elkton and consumed about 16 acres in total. The unseasonably dry weather and gusty northwest winds helped spread the latest fire quickly.

MDZ008

Cecil

30

0900EST

1800EST

0

0

Wildfire

A wildfire consumed more than two acres of woodland near Elk Neck State Forest. In the month of March 35 fires consumed 35 acres of woodland in Cecil County. Unseasonably dry weather prevailed throughout the state of Maryland and led to 366 wildfires during the month of March, triple the 20 year average for the month. On the 31st the Maryland Department of Natural Resources imposed an outdoor burning in the state. Campfires, bonfires and fireworks were included in the ban. Leaf, brush, grass and trash burning were also prohibited. All burning permits in Cecil County were suspended indefinitely.

The unseasonably dry weather has caused some Maryland crops to be behind schedule. Dry field conditions might cause delayed plantings. The low flow in the Chesapeake Bay and higher salinity values will leave oysters vulnerable to diseases. It would also damage some underwater grasses and was expected to increase the number of jellyfish. March 2006 was the driest March on record (112 years) in Maryland. The statewide average precipitation was 0.34 inches, 3.75 inches drier than normal.

MARYLAND, South

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

March 2006

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

NONE REPORTED.

MASSACHUSETTS, Central and East

Worcester County

Fitchburg	13	1027EST			0	0	50K		Lightning
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An area of showers with embedded thunderstorms moved across Massachusetts during the late morning hours of 13 March 2006. A lightning strike from one thunderstorm hit a house on 115 Pine Street in Fitchburg. The house caught on fire from this lightning strike. No known injuries directly resulted from these thunderstorms.

MASSACHUSETTS, West

NONE REPORTED.

MICHIGAN, East

MIZ047>049-053>055 Midland - Bay - Huron - Saginaw - Tuscola - Sanilac

	02	0800EST			0	0			Winter Storm
		1600EST							

A winter storm system tracked out of the Northern Plains on the 1st and crossed over the Ohio Valley on the morning of the 2nd. A relatively narrow band of 8 to 10 inches of snow fell across the Tri Cities and thumb region with up to a foot of snow across northern Tuscola County. Moderate to heavy snow began around 2 AM EST and continued into the afternoon hours before finally tapering off. There was a sharp gradient to the snow accumulations. Values in Huron County ranged from a trace in Port Austin to close to a foot in the southwest part of the County. In Saginaw County, accumulations ranged from around 10 inches in Freeland to only 3 inches in Burt.

Here are some of the higher snowfall reports received from each county:

- Larkin (Midland) 11.0 inches
- Bay City (Bay) 11.0 inches
- Pigeon (Huron) 8.0 inches
- Freeland (Saginaw) 9.5 inches
- Fairgrove (Tuscola) 12.0 inches
- Carsonville (Sanilac) 8.0 inches

Tuscola County

Vassar	11	0600EST			0	0	5K		Flood
	12	0600EST							

With river levels already running high, heavy rain on the night of the 10th led to flooding along the Cass River in Vassar. The Tuscola County Emergency Manager reported six streets closed on the 11th due to flooding. The Riverfront park in Vassar was also completely flooded. Property damage was very minimal and roughly estimated at \$5K.

Saginaw County

Saginaw	11	0600EST			0	0	10K		Flood
	15	1600EST							

Heavy rain and a period of warm temperatures rapidly melted the foot of snow on the ground across the area. This led to moderate flooding along the Cass River from Frankenmuth downstream to Bridgeport. The river crested 3 feet above flood stage in Frankenmuth at 1630 EST on the 12th. An additional 2 inches of rainfall occurred during the early morning hours of the 13th. As a result, flooding continued along the river for several more days before finally subsiding on the 15th. Sections of Curtis Road from Frankenmuth to Bridgeport were closed. Some of the grounds including the Recreation Park by the Bavarian Inn located in Frankenmuth experienced flooding. Damage was roughly estimated at \$10K.

Lenawee County

Adrian	12	0139EST			0	0	50K		Lightning
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A lightning strike sparked a house fire leading to smoke and water damage estimated at 35K to the structure and 15K to the contents.

Tuscola County

Caro	13	0400EST			0	0	10K		Flood
	14	1600EST							

Warm temperatures and heavy rain led to an early Spring melt across Tuscola County, resulting in flooding across the county. Tuscola County Road Commission closed 18 roads and 2 bridges on the 13th and 14th. No specific damage reports were received. Damage was roughly estimated at \$10K.

Washtenaw County

Ann Arbor	13	0513EST			0	0			Thunderstorm Wind (G50)
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A 12 inch diameter tree fell at the Elks Club in Ann Arbor.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, East

MIZ047>049-053-061>063-068>070-076-082

Midland - Bay - Huron - Saginaw - Genesee - Lapeer - St. Clair - Livingston - Oakland - Macomb - Wayne - Lenawee

13	1400EST				1	2			High Wind (G52)
14	0300EST								

A very deep low pressure system moved northeast across northern Lake Michigan early on the evening of the 13th. Damaging winds sustained from 30 to 40 MPH with frequent gusts over 50 MPH began during the late afternoon of the 13th and continued until 0300 EST on the 14th. The combination of the strong winds and a saturated ground led to large trees being uprooted across the entire area. Many homes and other structures received wind damage to the roofs and windows. The hardest hit areas extended along and north of the M59 corridor.

A large Oak tree fell onto a moving Ford F-150 pick-up truck at 1436 EST on Sherwood Road in Brandon. The tree crushed the cab of the truck killing a 25 year old male passenger. Another passenger (female) and the driver (male) were seriously injured. Four students sustained minor injuries (indirect) when the school bus they were riding in ran over a felled tree limb on Detroit's east side. Part of the limb shattered a few of the windows of the bus sending glass shards into the eyes and hair of the four students.

Here are some of the highest wind gusts recorded at official weather stations across the region:

- Saginaw (Saginaw) 53 MPH
- NWS White Lake (Oakland) 52 MPH
- Adrian (Lenawee) 48 MPH
- Flint (Genesee) 47 MPH
- Detroit Metro (Wayne) 47 MPH

Note: Estimates from spotters in combination with the amount of damage, suggested wind speeds approaching 60 MPH at times. M25VE

Midland County

Midland

13	1600EST				0	0	20K		Flood
15	2300EST								

Rainfall of 1 to 2 inches on the night of the 12th, along with nearly 2 inches of rainfall plus snowmelt during the previous week, led to moderate flooding along the Tittabawassee River in Midland. The river crested 3 feet above flood stage in Midland at 2200 EST on the 14th. Several roads were closed, including sections of Main Street, in Midland. Flood waters overtook riverside parks and rose to within a foot of the Sanford Senior Center. Seniors had to be evacuated to another center. Damage was roughly estimated at \$20K.

Saginaw County

**Freeland to
Saginaw**

13	2000EST				0	0	7K		Flood
14	2000EST								

Rainfall of 1 to 2 inches on the night of the 12th, along with nearly 2 inches of rainfall plus snowmelt during the previous week, led to moderate flooding along the Tittabawassee River from near the city of Freeland to Saginaw Township. The Festival Park in Freeland was completely submerged in flood waters. Several roads had to be closed in Saginaw Township the night of the 13th. Property Damage was minimal and roughly estimated at \$7K.

Midland County

Midland

31	1701EST				0	0		Hail (0.75)
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Saginaw County

Freeland

31	1702EST				0	0		Hail (1.00)
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Bay County

Auburn

31	1710EST				0	0		Hail (0.75)
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Livingston County

1 N Cohoctah

31	1717EST				0	0		Thunderstorm Wind (G52)
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Genesee County

Grand Blanc

31	1741EST				0	0		Hail (0.75)
	1751EST							

Spotters reported hail accumulations 2 inches deep.

Saginaw County

Bridgeport

31	1744EST				0	0		Hail (0.88)
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Saginaw County

Burt

31	1745EST				0	0		Hail (0.75)
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Genesee County

Atlas

31	1750EST				0	0		Hail (0.75)
	1800EST							

Spotters reported hail 2 inches deep.

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Genesee County									
Goodrich	31	1800EST			0	0			Hail (0.88)
Lapeer County									
2 NW Lapeer	31	1805EST			0	0			Hail (0.88)
Saginaw County									
2 NE Arthur to 1 W Arthur	31	1808EST			0	0			Hail (1.00)
Tuscola County									
Reese	31	1808EST			0	0			Hail (1.00)
Oakland County									
Holly	31	1813EST			0	0			Hail (0.75)
Lenawee County									
4 SE Adrian	31	1902EST			0	0			Thunderstorm Wind (G55)
									Fire department reported 20 trees down.
Washtenaw County									
Ann Arbor	31	1906EST			0	0			Hail (0.75)
Washtenaw County									
Pittsfield	31	1908EST 1910EST			0	0			Hail (0.75)
Lenawee County									
2 E Adrian	31	1912EST			0	0			Thunderstorm Wind (G50)
									Trees damaged and powerpole down.
Wayne County									
Wayne	31	1913EST			0	0			Hail (0.88)
Wayne County									
Wayne	31	1913EST			0	0			Thunderstorm Wind (G56)
Lenawee County									
1 E Seneca	31	1915EST			0	0			Thunderstorm Wind (G50)
									Dispatch reported powerpoles and wires down.
Washtenaw County									
3 E Ann Arbor	31	1915EST			0	0			Hail (0.75)
Washtenaw County									
Ypsilanti	31	1915EST			0	0			Hail (0.75)
Washtenaw County									
4 NE Ypsilanti	31	1917EST			0	0			Hail (0.75)
Wayne County									
Sheldon	31	1920EST			0	0			Hail (1.00)
Lenawee County									
2 S Jasper	31	1922EST			0	0			Thunderstorm Wind (G50)
									Powerpoles and wires down.
Wayne County									
Westland	31	1926EST 1930EST			0	0			Hail (0.75)
St. Clair County									
1 NE Capac	31	1927EST			0	0			Thunderstorm Wind (G50)
									Trees down.
Oakland County									
Troy	31	1930EST			0	0			Hail (0.75)
Oakland County									
2 S Eames	31	1932EST			0	0			Thunderstorm Wind (G50)
									A trained spotter measured a wind speed of 58 MPH.
Monroe County									
Ida	31	1935EST			0	0			Thunderstorm Wind (G50)
									Trees down.
Monroe County									
Maybee	31	1935EST			0	0			Thunderstorm Wind (G50)
									Trees down.

Storm Data and Unusual Weather Phenomena

March 2006

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 Rochester Hills	31	1935EST			0	0			Hail (0.75)
St. Clair County 1 E Emmett	31	1935EST			0	0			Thunderstorm Wind (G50)
									Trees down.
Macomb County Utica	31	1940EST 1943EST			0	0			Hail (1.00)
Oakland County 2 NW Ferndale	31	1940EST			0	0			Thunderstorm Wind (G52)
									Large tree limbs down.
Macomb County Utica	31	1943EST			0	0			Thunderstorm Wind (G52)
									A trained spotter estimated wind speeds at 60 MPH.
Wayne County Grosse Pt	31	2000EST			0	0			Thunderstorm Wind (G50)
									Large limbs from trees down.
									An early season severe weather episode broke out in the form of mini-supercells. Most impressive mini-supercell went from northern Livingston county across southern Genesee and southern Lapeer counties. Several reports of funnel clouds, none of which touched down, were received when the supercells were at its peak. Most reports were hail up to 1 inch, and reports of hail that accumulated in spots. By the end of the event, most thunderstorm cells transitioned into line segments over far southeast/metro Detroit with wind damage.
<u>MICHIGAN, Extreme Southwest</u>									
Cass County Edwardsburg	13	0310EST 0311EST			0	0			Thunderstorm Wind (G55)
									Numerous trees were blown down, some resulting in power outages due to fallen power lines.
Cass County 10 ESE Cassopolis	13	0322EST 0323EST			0	0			Thunderstorm Wind (G55)
									Large tree down blocking Michigan State Rd 60.
<u>MICHIGAN, North</u>									
MIZ031>033-041>042 Manistee - Wexford - Missaukee - Gladwin - Arenac	02	0500EST 1100EST			0	0			Heavy Snow
									A low pressure system moving through the northern Ohio Valley spread wintry precipitation northward into Lower Michigan. A narrow band of very heavy snow fell on the northern fringe of the precipitation shield, affecting Central Lower Michigan. Snowfall rates of 1 to 2 inches per hour were common. Over 6 inches of snow fell south of a line from Arcadia, to Lake City, to Alger and Au Gres. The highest storm total was 16 inches near Gladwin. Cadillac picked up nearly 10 inches of snow. The snow total rapidly diminished as you went north; Traverse City and Oscoda never saw so much as a single snowflake.
Arenac County 3 NE Sterling to 3.5 SSE Omer	11 12	0030EST 0300EST			0	0	15K		Flood
									The Rifle River rose out of its banks and flooded between Omer and Saginaw Bay. Rain and warm temperatures contributed to a rapid melt of the snowpack in the basin. It is believed that an ice jam near the mouth of the river contributed to the high water levels. Part of Hansel Road was submerged, as were smaller streets in the area. The water approached a residence at its highest point, but never quite reached the home. Further upstream, a bridge that carried Townline Road over the Rifle River was washed out, east of Grove Road. Minor flooding was also reported along the Au Gres and Pine Rivers.
Arenac County Countywide	13 14	0800EST 1900EST			0	0			Flood
Gladwin County Countywide	13 14	0800EST 1900EST			0	0	20K		Flood
									Rivers were still high after rain and snowmelt from a few days previous. So when another round of rain arrived in the early morning hours of the 13th, flooding quickly redeveloped. Spotty flooding occurred in Arenac and Gladwin Counties. Water encroached on Eaton and Bard Roads in Gladwin County, as well as a subdivision in the southeast part of the county. Water entered two homes, and a few side roads were washed out. Numerous roads in Arenac County were submerged by high water.

Storm Data and Unusual Weather Phenomena

March 2006

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

MICHIGAN, North

MIZ022

Otsego

14 0500EST

15 0130EST

0 0

Winter Storm

A strong low pressure system lifted northeast from Iowa, passing through Eastern Upper Michigan on its way to Quebec. Rain changed to snow after a cold front went through on the night of the 13th. Lake Michigan enhanced the snow as colder air surged in. Snowfall amounts were not especially heavy, with a small area of 4 to 5 inches centered in and just southwest of Gaylord, with lesser amounts elsewhere. However, gusty west winds produced near white-out conditions in blowing and drifting snow at the height of the storm. Law enforcement in Otsego closed Dickerson Road near the Otsego County Airport due to the hazardous conditions.

MICHIGAN, Upper

MIZ001>005-007-009>010-084>085

Keweenaw - Ontonagon - Northern Houghton - Baraga - Marquette - Luce - Gogebic - Iron - Southern Houghton - Northern Schoolcraft

13 0600EST

14 1600EST

0 0

Winter Storm

MIZ011

Dickinson

13 0600CST

1500CST

0 0

Sleet

MIZ001>003-005>006

Keweenaw - Ontonagon - Northern Houghton - Marquette - Alger

13 1500EST

14 1600EST

0 0

Blizzard

A low pressure system developing over the central Plains deepened rapidly as it moved across eastern Upper Michigan on the evening of the 13th. As a result of this strong storm, intense convective snow and blizzard conditions enveloped much of west and north central Upper Michigan on the 13th and 14th. Higher terrain locations in Gogebic, Ontonagon, Houghton, Keweenaw, Baraga and Marquette counties generally received one to two feet of snow in a 24-hour period. The greatest storm total accumulations included 33 inches in Rockland, 32 inches in Painesdale and 21 inches at the National Weather Service in Marquette. Embedded thunderstorms associated with the storm initially resulted in snowfall rates of one to two inches per hour at some locations on the 13th. Heavy sleet accumulations also occurred at Iron Mountain (one half-inch) and Two Heart in Luce County (one inch).

The heavy wintry mix and blizzard conditions caused some road closures, numerous motor vehicle accidents and closed schools area wide, including Northern Michigan University in Marquette and Finlandia College in Houghton. Blizzard conditions resulted in plows being pulled off Highway 41 from Calumet to Mohawk during the evening of the 13th and early morning of the 14th. Power outages also occurred from strong winds downing trees on power lines. The county sheriff reported that the storm cancelled all activities across Ontonagon County.

MICHIGAN, West

Kalamazoo County

Vicksburg

13 0936EST

0 0

25K 15K Hail (2.25)

The public in Vicksburg reported golf ball sized hail covered the ground with hail measured as large as two and a quarter inches in diameter.

Kalamazoo County

Vicksburg

13 0936EST

0 0

25K 15K Hail (2.25)

The public in Vicksburg reported hail as large as two and a quarter inches in diameter and hail briefly covered the ground.

Calhoun County

Battle Creek to Marshall

31 1724EST

1728EST

0 0

15K 5K Hail (1.00)

Trained spotters and an emergency manager reported one inch diameter hail from east of Battle Creek to near Marshall.

Jackson County

Leoni

31 1805EST

1815EST

7

65

0 0

200K 50K Tornado (F1)

The tornado began near Napoleon Road just north of Center Lake and moved northeast. Two small barns collapsed and a patio addition was blown away near the intersection of Page and Noon roads. Minor roof damage occurred at a house on Michigan avenue and a dozen large spruce trees were uprooted. The total damage path was 7 miles long and 200 feet wide and this F1 tornado was on the ground for approximately ten minutes. No injuries or fatalities occurred.

Storm Data and Unusual Weather Phenomena

March 2006

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

MNZ051>054- 056>070-073>078- 082>085-091>093			Sherburne - Isanti - Chisago - Lac Qui Parle - Chippewa - Kandiyohi - Meeker - Wright - Hennepin - Anoka - Ramsey - Washington - Yellow Medicine - Renville - McLeod - Sibley - Carver - Scott - Dakota - Redwood - Brown - Nicollet - Le Sueur - Rice - Goodhue - Watonwan - Blue Earth - Waseca - Steele - Martin - Faribault - Freeborn						
		12 1200CST			0	0			Winter Storm
		13 1600CST							

A major winter storm traversed much of Central Iowa and Southern Wisconsin from the afternoon hours on the 12th, to the early evening on the 13th. Snow began to fall around 1200 CST across South Central Minnesota, and overspread the entire area by 2000 CST. The storm dumped as much as 19 inches of heavy, wet snow, including a wide swath of 6 to 12 inches. The heaviest amounts occurred mainly southeast of a Redwood Falls to Lindstrom line. Sustained winds in the 15 to 25 mph range, with gusts between 30 and 38 mph, contributed to moderate to substantial blowing snow and very poor visibility, even in those areas where there was only three to four inches snow.

The storm resulted in dozens of school cancellations, as well as many cancelled or delayed flights, including Minneapolis St. Paul International Airport. Highway 52, south of Cannon Falls, was closed for several hours during the late morning hours on the 13th. The Minnesota Department of Transportation recommended that motorists stay off the roads in Southern Minnesota for most of the daylight hours on the 13th. Xcel Energy reported as many as 21,000 customers through portions of Central and South Central Minnesota were left without power during the storm. In the Twin Cities alone, the State Patrol reported 260 property damage accidents, 19 personal injury accidents, and 252 vehicles sliding off roadways, and seven jack-knifed semi-trucks.

The greatest snowfall total was at Hastings, where 19 inches was measured. Other amounts include 13 inches at North St. Paul (Ramsey County), 12 inches at Red Wing (Dakota County), Woodbury (Washington County), Montgomery (Le Sueur County) and Sherburne (Martin County), 11 inches in New Hope (Hennepin County) and St. James (Watonwan County), 9 inches at Rockford (Wright County), 8 inches at Hutchinson (McLeod County), 7 inches at Ellendale (Steele County), 6 inches at Granite Falls (Yellow Medicine County), Boyd (Lac Qui Parle County), Albert Lea (Freeborn County) and Branch (Chisago County), and 4 inches at Lake Lillian (Kandiyohi County) and Dassel (Meeker County).

MNZ051-059>063- 068>070-078			Sherburne - Wright - Hennepin - Anoka - Ramsey - Washington - Carver - Scott - Dakota - Goodhue						
		15 2000CST			0	0			Winter Storm
		16 1400CST							

A surface low pressure system over Northern California late on the 14th, intensified and moved into Central and Northern Iowa by the morning of the 16th. Light snow began to fall at approximately 20:00 CST on the 15th. Much of East Central Minnesota and a portion of Southeast Minnesota incurred snowfall amounts in the four to eight inch variety, and some blowing and drifting snow with sustained winds generally between 10 and 15 mph, and occasional gusts around 25 mph. The highest snowfall total was 8.6 inches at Minneapolis-St. Paul International Airport (MSP). Other amounts included 8 inches at Mounds View and Maplewood (both in Ramsey County), 7 inches at Stillwater (Washington County), Fridley (Anoka County) and Chanhassen (Carver County), and 6 inches at Buffalo and Annandale (both in Wright County), Prior Lake (Scott County), Inver Grove Heights (Dakota County), and Red Wing (Goodhue County).

MINNESOTA, Northeast

MNZ026-037			Southern Itasca - Southern St. Louis / Carlton						
		01 2000CST			0	0			Heavy Snow
		02 1100CST							

Snow began in the evening and ended early the following morning. A narrow band of 6 to 12 inches of snow fell from southwest of Grand Rapids through just south of Duluth at Esko. In most areas the snow was preceded by sleet and freezing rain. Some of the higher snowfall totals include 11 inches at Grand Rapids and 7 inches at Warba and Esko.

MINNESOTA, Northwest

MNZ004>009			Kittson - Roseau - Lake Of The Woods - West Marshall - East Marshall - North Beltrami						
		01 0600CST			0	0			Heavy Snow
		02 0550CST							

An area of surface low pressure tracked from eastern Kansas to southern Illinois. For a period of time, an inverted trough extended back up into the Red River Valley. This brought some heavy snow to areas mostly along the Canadian border, from Cando (ND) to Pembina (ND) to Baudette (MN). The most snow, 12 inches, fell at Lancaster. With the heavy snow, primary and secondary roads quickly became impassable. Many drivers lost sight of the roads and ended up in ditches.

Storm Data and Unusual Weather Phenomena

March 2006

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

Grant County

Countywide

	21	0900CST			0	0			Flood
	31	2359CST							

Prior to the start of the spring flood of 2006, several things pointed to a higher potential for flooding. Convective storms during the summer and fall of 2005 dropped a lot of rain across Richland, Ransom, and Sargent counties in southeast ND. Flows on many rivers, especially the mainstem Red River, were above normal. Snowfall through the winter was above normal along the Canadian border from Langdon (ND) to Cavalier (ND) to Hallock (MN), and also between the area from Fargo (ND) to Wahpeton (ND) to Battle Lake (MN) and to Detroit Lakes (MN). Temperature patterns over the main snowpack area through mid to late March stayed cool. The longer temperatures stayed cool, the better potential there was for a rapid snowmelt. And a rapid snowmelt is exactly what happened. Quite a few locations still reported snow on the ground on March 28th. In the following days, temperatures stayed above freezing, even at night. On the morning of March 30th, a broad area of surface low pressure set up from north central South Dakota into eastern Colorado. This kept warm and steady south to southeast winds over the remaining snowpack, further aiding its melt. To top it off, thunderstorms also developed on March 30th. Rain on top of the remaining snow also contributed to the quick snowmelt. By March 31st, only a few locations near the Canadian border had snow left. The meltwater quickly flowed into low areas, which resulted in road washouts and closures. As the water moved into river systems, many bridges were inundated with water. Since the flood of 1997, many communities have undergone major flood mitigation efforts. Buyouts of flood-prone homes and the construction of permanent city dikes, river diversions, and farmstead ring dikes were all started, in hopes of reducing the impacts of future floods. However, prior to the spring flood of 2006, problem areas still remained. Permanent dikes had yet to be completed at Wahpeton/Breckenridge and at Grand Forks/East Grand Forks. Permanent dike protection still had not started for residents of south Fargo. In contrast to river flooding, protection can be very difficult against overland flooding. When large amounts of snow quickly melt, the water can pond anywhere. And in the relatively flat Red River Valley, it can take a long time to recede. For more specific information (including damage amounts) on the spring flood, see the Storm Data narratives for April 2006 (when all of the river crests occurred).

Wilkin County

Countywide

	21	0900CST			0	0			Flood
	31	2359CST							

[See the flood event description under the Grant County event above]

Becker County

Countywide

	29	0000CST			0	0			Flood
	31	2359CST							

[See the flood event description under the Grant County event above]

Clay County

Countywide

	29	0000CST			0	0			Flood
	31	2359CST							

[See the flood event description under the Grant County event above]

Otter Tail County

Countywide

	29	0000CST			0	0			Flood
	31	2359CST							

[See the flood event description under the Grant County event above]

Clearwater County

Countywide

	30	0000CST			0	0			Flood
	31	2359CST							

[See the flood event description under the Grant County event above]

Mahnomen County

Countywide

	30	0000CST			0	0			Flood
	31	2359CST							

[See the flood event description under the Grant County event above]

Norman County

Countywide

	30	0000CST			0	0			Flood
	31	2359CST							

[See the flood event description under the Grant County event above]

Pennington County

Countywide

	30	0000CST			0	0			Flood
	31	2359CST							

[See the flood event description under the Grant County event above]

Polk County

Countywide

	30	0000CST			0	0			Flood
	31	2359CST							

[See the flood event description under the Grant County event above]

Storm Data and Unusual Weather Phenomena

March 2006

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

Red Lake County

Countywide	30	0000CST			0	0			Flood
	31	2359CST							

[See the flood event description under the Grant County event above]

Kittson County

Countywide	31	0000CST			0	0			Flood
		2359CST							

[See the flood event description under the Grant County event above]

Marshall County

Countywide	31	0000CST			0	0			Flood
		2359CST							

[See the flood event description under the Grant County event above]

Roseau County

Countywide	31	0000CST			0	0			Flood
		2359CST							

[See the flood event description under the Grant County event above]

MINNESOTA, Southeast

MNZ096

Houston

05	0600CST				0	0			Heavy Snow
	1800CST								

Heavy snow affected a small part of southeast Minnesota. Specific amounts as reported by volunteer weather observers included 7.1 inches and 7.0 inches near Reno and Caledonia (Houston County) respectively.

MNZ079-086-094

Wabasha - Dodge - Mower

13	0600CST				0	0			Winter Storm
	1500CST								

A winter storm clipped part of southeast Minnesota producing total snow accumulations between 6 and 7 inches generally along and west of a line from Austin (Mower County) to Plainview (Wabasha County). Specific snowfall reports from volunteer weather observers included 6.8 inches at Mantorville (Dodge County) and 6.0 inches at Austin, as well as Dodge Center and Kasson (Dodge County) and Plainview.

MNZ079-088

Wabasha - Winona

15	2130CST				0	0			Winter Storm
	1500CST								

A narrow band of heavy snow, with accumulations of 6 to 8 inches, affected a small part of southeast Minnesota. Specific reports from volunteer weather observers included 8.1 inches at Theilman (Wabasha County), 8.0 inches at Reads Landing (Wabasha County) and 6.0 inches at St. Charles (Winona County).

MINNESOTA, Southwest

MNZ071>072-080>081-089>090-097>098

Lincoln - Lyon - Murray - Cottonwood - Nobles - Jackson - Pipestone - Rock

12	1600CST				0	0			Winter Storm
	0800CST								

Snowfall of 4 to 8 inches was accompanied by increasing winds which gusted to around 35 mph. The winds caused low visibilities in blowing snow during the latter part of the snowfall. Drifting snow also added to travel problems. Several schools cancelled or delayed classes for a day, and some businesses also closed.

MINNESOTA, West

NONE REPORTED.

MINNESOTA, West Central

NONE REPORTED.

MISSISSIPPI, Central

MSZ048

Hinds

09	0945CST				0	0	15K		Strong Wind
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Strong wind gusts 40 knots (46 mph) ahead of a deepening surface low and approaching squall line caused a few trees to get blown down and knock down power lines. The damage occurred near the Metro Center Mall and caused power outages for a portion of that area.

MSZ034

Washington

09	1116CST				0	0	1K		Strong Wind
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Strong gradient winds occurred ahead of a squall line. Wind gusts to 40 kts (46 mph) were measured at the Greenville Airport.

Storm Data and Unusual Weather Phenomena

March 2006

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

Bolivar County

Benoit to Mound Bayou	09	1140CST 1200CST			0	0	600K		Thunderstorm Wind (G70)
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A line of thunderstorms moved across Bolivar County around noon on March 9th and produced substantial damage from Benoit to just west of Cleveland to around Mound Bayou. The most significant damage occurred in a segment of the squall line called a "bow echo". Numerous trees and power lines were snapped or blown down as a swath of 70 to 80 mph winds blew across the county. Just northwest of Cleveland, a mobile home park had several homes significantly damaged while a few permanent homes sustained major roof damage.

Washington County

Arcola	09	1156CST			0	0	300K		Thunderstorm Wind (G60)
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A wind gust to nearly 70 mph blew an 18 wheel tractor trailer over at the intersection of US Highway 61 and State Highway 438 around Arcola.

Sunflower County

Indianola to 6 NE Sunflower	09	1210CST 1225CST			0	0	5M		Thunderstorm Wind (G80)
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As a line of severe storms pushed through the Mississippi Delta, a small segment of the line caused extensive damage in Indianola and then across areas to the northeast. This "bow echo" segment was extremely intense with winds estimated around 80 kts (92 mph). The core of the damaging winds moved from Indianola, north eastward to the Sunflower Community and then into west-central Leflore County.

The worst damage occurred in and around Indianola where several hundred trees were uprooted or snapped and dozens of power lines were taken down. Numerous buildings and homes sustained significant to major roof damage and many other homes sustained at least some kind of shingle damage. Several awnings to area gas stations were damaged or blown down. Additionally, several homes, and a Community Bank sustained structural damage. The hardest hit building was the Lockard Elementary. Here windows were blown out and much of the roof was blown off.

The storm then moved northeast, away from Indianola, and toward the Sunflower Community. More trees and power lines were blown down along with some minor damage to a few homes.

MSZ027-048-060

Carroll - Hinds - Adams

	09	1212CST 1220CST			0	0	3K		Strong Wind
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Strong gradient winds ahead of a squall line gusted to 45 kts (52 mph) at the Greenwood-Leflore County Airport.

Issaquena County

4 NE Mayersville	09	1219CST			0	0			Thunderstorm Wind (G50)
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Sharkey County

Rolling Fork	09	1225CST			0	0	50K		Thunderstorm Wind (G53)
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Several homes had shingles blown off and peeled up. Additionally, an awning on a gas station was damaged.

Leflore County

6 SW Sandy Ridge to Minter City	09	1225CST 1235CST			0	0	50K		Thunderstorm Wind (G65)
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Leflore County

Itta Bena	09	1240CST			0	0	5K		Thunderstorm Wind (G55)
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Leflore County

Greenwood	09	1252CST			0	0	5K		Thunderstorm Wind (G55)
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The same "bow echo" which moved through Indianola and caused extensive damage, continued into west-central Leflore County and tracked northeast near the Schlater and Minter City Communities. This "bow echo" remained rather intense and down numerous trees and power lines from around Schlater to near Minter City. By 1235 pm, the "bow echo" segment lifted northeast out of Leflore county. However, the rest of the squall line still had to move across the southern half of Leflore County. As the line moved through, a few power lines were blown down in Itta Bena and then Greenwood causing many power outages.

MSZ062

Lincoln

	09	1225CST			0	0	40K		Strong Wind
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Strong gradient winds occurred ahead of a squall line. Winds gusted around 45 kts (52 mph) and caused a few power lines to get blown down across the county. Additionally, a country store just west of Brookhaven had a portion of its metal roof blown off.

Humphreys County

Belzoni	09	1244CST			0	0			Thunderstorm Wind (G57)
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MSZ031

Lowndes

	09	1255CST			0	0	1K		Strong Wind
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Strong gradient winds ahead of a squall line caused wind gusts to 40 kts(46 mph) at the Golden Triangle Regional Airport.

Storm Data and Unusual Weather Phenomena

March 2006

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									
Montgomery County									
9 ESE Duck Hill to 11 ESE Duck Hill	09	1357CST 1400CST			0	0	10K		Thunderstorm Wind (G58)
			Numerous trees were blown down.						
Rankin County									
Richland to 4 E Florence	09	1412CST 1422CST			0	0	80K		Thunderstorm Wind (G55)
			A portion of the roof was blown off a Trustmark Bank in Richland. Additionally, a few trees were blown down from around Richland to near the Monterey Community. One tree was nearly blocking Monterey Road after it fell.						
Franklin County									
Meadville	09	1412CST			0	0			Thunderstorm Wind (G50)
Attala County									
Kosciusko	09	1424CST			0	0			Thunderstorm Wind (G50)
Attala County									
14 SE Kosciusko to 16 ESE Kosciusko	09	1433CST 1440CST			0	0	300K		Thunderstorm Wind (G70)
Attala County									
8 SE Ethel	09	1437CST			0	0			Hail (1.00)
			A squall line pushed through central Mississippi and caused significant damage to the eastern portion of Attala county. This line produced 60 mph winds in Kosciusko and 80 mph near the community of Zama. It was around Zama and the eastern portion of the county that were hardest hit. Numerous trees and power lines were blown down. Several mobile homes sustained structural damage as one was rolled over and a couple others had the roof torn off.						
Scott County									
2 WNW Ludlow	09	1430CST			0	0	40K		Thunderstorm Wind (G55)
			An awning was blown off a gas station along with a sign and antenna blown over.						
Leake County									
Carthage to 6 NE Carthage	09	1435CST 1440CST			0	1	700K		Thunderstorm Wind (G65)
			A squall line pushed across Leake County and caused considerable damage as it moved through. In Carthage, the High School Band Hall sustained significant roof damage. Just northeast of Carthage, several homes had the tin peeled off the roof along with shingles peeled off others. Numerous trees were blown down along with many power lines. One injury occurred when someone crashed into a fallen tree that was laid across the highway.						
Copiah County									
Georgetown	09	1445CST			0	0			Thunderstorm Wind (G50)
			A few trees were blown down around Georgetown.						
Winston County									
6 SSW Hinze to 4 SE Hinze	09	1445CST 1450CST			0	0	400K		Thunderstorm Wind (G70)
Winston County									
Louisville	09	1454CST			0	0			Hail (1.00)
Winston County									
2 SW Louisville to 2 N Betheden	09	1454CST 1505CST			0	0	10M		Thunderstorm Wind (G80)
			The squall line which caused the damage across eastern Attala County intensified and tracked across a large portion of central Winston County. A very intense "bow echo" formed in the line and caused a swath of extensive damage from around the Four Corners Community to Louisville and then to points northeast around Betheden.						
			The "bow echo" began near the Four Corners Community and several large signs were blown down or snapped off and a large commercial building had its roof blown off. Many trees and power lines were blown down around this area and across the western portion of the county. As the "bow echo" approached Louisville two homes sustained roof damage and more trees were blown down. Areas in and around Louisville were particularly hard hit. Nearly a dozen homes and businesses sustained significant roof damage with the funeral home having the roof totally removed. Nearly six other homes sustained minor roof damage. Dozens of trees, along with several power lines, were blown down around town. The storm continued to the northeast and downed more trees and power lines before it moved into southern Oktibbeha County.						
Choctaw County									
Ackerman	09	1450CST			0	0			Thunderstorm Wind (G55)
			Several trees were blown down around Ackerman.						
Leake County									
Walnut Grove	09	1451CST			0	0	80K		Thunderstorm Wind (G65)
			A roof to a BP gas station was blown off on Highway 35 South. Additionally, several power lines were blown down around town.						

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Number of Persons	Estimated Damage Property	Crops	Character of Storm
MISSISSIPPI, Central										
Webster County										
Mathiston to Mantee	09	1452CST 1455CST			0	0				Thunderstorm Wind (G53)
Scattered trees were blown down from Mathison to Mantee with a few other trees blown down between Mathison and Cumberland along the Natchez Trace.										
MSZ052										
Lauderdale										
	09	1457CST			0	0		0.50K		Strong Wind
Strong gradient winds occurred just ahead of a squall line. Winds gusted to 45 kts (52 mph) at Key Field in Meridian.										
Scott County										
3 S Morton	09	1458CST			0	0				Thunderstorm Wind (G50)
A few trees were blown down.										
Simpson County										
2 W Braxton	09	1500CST			0	0		30K		Thunderstorm Wind (G60)
A barn was damaged just outside Braxton off Harrison-Braxton Road.										
Simpson County										
D Lo to 1 N Mendenhall	09	1500CST 1505CST			0	0		15K		Thunderstorm Wind (G60)
A tin roof was blown off a house in D'Lo and several trees were blown down just north of Mendenhall off Highway 49 and Highway 28.										
Neshoba County										
8 W Philadelphia	09	1503CST			0	0				Thunderstorm Wind (G55)
Several trees were blown down with one tree across a road.										
Oktibbeha County										
Starkville	09	1505CST 1508CST			0	0		500K		Thunderstorm Wind (G63)
Oktibbeha County										
Starkville	09	1506CST			0	0		200K		Thunderstorm Wind (G61)
The squall line moved across Oktibbeha County and caused damage in and around Starkville. The County Courthouse sustained roof damage and many roofs around town had shingles peeled back. Dozens of trees were blown down, some crushed cars and several others took down power lines.										
Clay County										
5 W West Pt to 2 E West Pt	09	1510CST 1520CST			0	0		100K		Thunderstorm Wind (G60)
A squall line moved east across the county and caused many trees to get blown down along with several power lines. A bank in town had a part of the roof blown off.										
Neshoba County										
3 E Philadelphia to 7 NE Philadelphia	09	1513CST 1516CST			0	0				Thunderstorm Wind (G55)
Several trees were blown down just east and northeast of town. A couple of trees blocked a few roads.										
Scott County										
Hillsboro to 5 N Forest	09	1515CST 1520CST			0	1		100K		Thunderstorm Wind (G55)
Several trees were blown down around the Hillsboro Community and just north of Forest. One tree fell on a house and destroyed the structure and caused an injury.										
Neshoba County										
6 SW Philadelphia	09	1520CST			0	0				Thunderstorm Wind (G53)
Several trees were blown down, one tree fell across the highway and closed the road briefly.										
Lincoln County										
Bogue Chitto	09	1520CST			0	0		10K		Thunderstorm Wind (G55)
A few power lines were blown down.										
Noxubee County										
2 W Mashulaville	09	1523CST			0	0		10K		Thunderstorm Wind (G53)
Scattered trees down just west of Mashulaville.										
Smith County										
5 E Polkville	09	1525CST			0	0				Thunderstorm Wind (G50)
A few trees were blown down.										
Lowndes County										
Columbus Afb to 4 E Caledonia	09	1525CST 1540CST			0	0		1M		Thunderstorm Wind (G67)

Storm Data and Unusual Weather Phenomena

March 2006

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									
Lowndes County									
Columbus Afb	09	1525CST			0	0			Thunderstorm Wind (G52)
Lowndes County									
3 SW Columbus to 6 E Columbus	09	1527CST 1543CST			0	3	15M		Thunderstorm Wind (G80)
Lowndes County									
Columbus Afb	09	1530CST			0	0			Thunderstorm Wind (G63)
<p>An intense squall line moved across Lowndes County and caused extensive damage across the northern half of the county. The most extensive damage occurred across two swaths. The first swath was from Columbus AFB to the Caledonia Community. The second was from just west and southwest of Columbus eastward to the Alabama state line.</p> <p>The first swath of damage downed numerous trees and power lines. Many homes sustained roof and shingle damage with a few homes sustaining minor structural damage. One home, which was under construction, was completely leveled. Most of this this damage occurred in and around the Caledonia Community.</p> <p>The second swath of damage started just southwest of Columbus and pushed east right through town and toward the Alabama state line. The damage began with several highway signs blown down along Highway 82. The winds grew stronger as the squall line neared town. Extensive damage occurred across the south side of town and point just to the east of town. Hundreds of trees were snapped or blown down with dozens of large trees uprooted. Many power lines and power poles were taken down as well. Nearly 25 roads were blocked from downed trees and power lines. Many homes sustained roof and shingle damage with several homes sustaining significant roof damage. Many sheds and outbuildings were damaged or destroyed. Five to ten homes had trees fall on them caused major damage. An apartment complex just east of town had extensive roof damage and a few trees on some of the buildings. Here, 3 injuries occurred.</p>									
Noxubee County									
1 N Brooksville	09	1527CST			0	0	200K		Thunderstorm Wind (G57)
<p>Many shingles were blown off some homes and a few businesses along with a gas station sign blown down.</p>									
MSZ066									
Jones	09	1530CST			0	0	60K		Strong Wind
<p>Strong winds ahead of a squall line caused a building to loose a portion of its tin roof. This large portion of tin was blown off and laid across the street. Additionally, the strong winds blew down a few power lines. All the damage around Laurel occurred before the rain and line of storms arrived.</p>									
Lawrence County									
New Hebron	09	1535CST			0	0			Thunderstorm Wind (G55)
<p>Several trees were blown down.</p>									
Noxubee County									
Macon to 1 N Macon	09	1540CST			0	0	120K		Thunderstorm Wind (G65)
<p>Many trees and several power lines were blown down. Just north of Macon, one building had its roof peeled off.</p>									
Neshoba County									
9 E Philadelphia	09	1540CST			0	0			Thunderstorm Wind (G55)
<p>Several trees were blown down. One tree was blocking an area road.</p>									
Newton County									
Newton	09	1545CST			0	0	100K		Thunderstorm Wind (G67)
<p>Numerous trees were blown down, one home had its roof blown off and a few sheds were blown over.</p>									
Jefferson Davis County									
2 N Prentiss	09	1548CST			0	0			Thunderstorm Wind (G50)
<p>A few trees were blown down.</p>									
Smith County									
2 W Mize	09	1550CST			0	0			Thunderstorm Wind (G52)
<p>A few trees down across the southwest portion of the county.</p>									
Kemper County									
Kellis Store	09	1553CST			0	0			Thunderstorm Wind (G53)
<p>Several trees were blown down.</p>									
Covington County									
Mt Olive	09	1555CST			0	0			Thunderstorm Wind (G50)
Noxubee County									
Paulette	09	1615CST			0	0			Thunderstorm Wind (G55)
<p>Several trees were blown down.</p>									

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
MISSISSIPPI, Central									
Lauderdale County									
5 SE Meridian	09	1630CST			0	0	20K		Thunderstorm Wind (G52)
Two large pine trees were blown down. One tree took down a ham radio tower.									
Sunflower County									
3 NW Moorhead to 3 E Sunflower	11	1822CST 1832CST			0	0	10K		Hail (1.75)
A swath of nickel to golf ball sized hail fell from just northwest of Moorhead to just east of Sunflower.									
Montgomery County									
10 NE Winona to 12 NE Winona	13	1350CST 1354CST	1.5	50	0	0			Tornado (F0)
This weak tornado briefly touched down across northeast Montgomery County and downed several trees before it dissipated.									
Webster County									
2 NNW Walthall to 2 N Walthall	13	1418CST 1421CST	1	30	0	0			Tornado (F0)
This weak tornado was witnessed by several people briefly touching down near Legion Lake then dissipating as the storm moved off to the east-northeast.									
Webster County									
1 N Clarkson to 2 NE Clarkson	13	1426CST 1428CST	1	30	0	0	10K		Tornado (F0)
This weak tornado briefly touched down just north of the Clarkson Community and caused minor roof damage to one home and downed a few trees.									
Clay County									
10 NNW West Pt	13	1515CST 1517CST	1	30	0	0			Tornado (F0)
This weak tornado was witnessed along the Clay / Monroe County line as it moved across a Houlka Creek west of Highway 45. Traffic was stopped along the highway as many people viewed the tornado.									
Lowndes County									
Columbus	13	1645CST			0	0	20K		Thunderstorm Wind (G55)
A few homes had shingles peeled off the roof.									
Smith County									
3 S Mize	20	1225CST			0	0			Hail (0.75)
Warren County									
2 S Vicksburg	20	1230CST			0	0			Thunderstorm Wind (G50)
Several large tree limbs were blown down along Halls Ferry Road.									
Covington County									
1 S Hot Coffee to 3 NE Hot Coffee	20	1232CST 1236CST	4	50	0	0			Tornado (F0)
This weak tornado snapped and downed a number of trees around Hot Coffee.									
Jones County									
4 NNE Hebron to 1 NNW Gitano	20	1245CST 1249CST	3	50	0	0	20K		Tornado (F0)
This weak tornado first touched down on Carter Dee Road where a few trees were downed. The tornado was then observed by Southern Pine Electric personnel downing a few trees as it cross Highway 28.									
Warren County									
Vicksburg to 4 S Vicksburg	20	1248CST 1500CST			0	0			Flash Flood
Locally heavy rains caused a portion of Halls Ferry Road to flood just south of Vicksburg. Several inches of water was flowing across the road and traffic was briefly stopped.									
Clarke County									
Stonewall	20	1325CST			0	0			Thunderstorm Wind (G53)
A few trees were blown down.									
Lauderdale County									
5 SE Meridian	20	1340CST			0	0			Thunderstorm Wind (G50)
A few trees were blown down.									
Franklin County									
Countywide	20	1400CST 1420CST			0	0			Thunderstorm Wind (G53)
Scattered trees were blown down across the county.									

Storm Data and Unusual Weather Phenomena

March 2006

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									
Copiah County									
Countywide	20	1415CST 1430CST			0	0			Thunderstorm Wind (G53)
			Scattered trees were blown down across the county.						
Lawrence County									
Silver Creek to New Hebron	20	1428CST 1432CST			0	0			Hail (0.88)
Jefferson Davis County									
3 SW Prentiss to Prentiss	20	1434CST 1440CST			0	0	100K		Thunderstorm Wind (G65)
			Several trees were blown down across West St Stephens and RG Rogers Roads. Major roof damage occurred to a home in Prentiss and a stop sign was blown down.						
Jefferson Davis County									
Bassfield	20	1445CST			0	0	15K		Thunderstorm Wind (G55)
			A couple of power lines were blown down.						
Covington County									
Collins	20	1455CST			0	0			Funnel Cloud
Covington County									
2 N Collins	20	1500CST			0	0			Thunderstorm Wind (G58)
			A cluster of trees were snapped in half and blown down just north of Collins.						
Jefferson Davis County									
Prentiss	20	1500CST 1600CST			0	0			Flash Flood
			Several rounds of locally heavy rains caused Hill and Silver swap roads to flood. These roads had to be closed due to high water.						
Hinds County									
Jackson	20	1500CST 1600CST			0	0			Flash Flood
			Locally heavy rains caused widespread flooding across the City of Jackson.						
Newton County									
Countywide	20	1500CST 1600CST			0	0			Flash Flood
			Several rounds of heavy rain caused several county roads to flood.						
Covington County									
Hot Coffee to 3 E Hot Coffee	20	1500CST 1505CST			0	0			Hail (0.88)
Lauderdale County									
Meridian	20	1500CST 1600CST			0	0	300K		Flash Flood
			Locally heavy rains, between 2 and 3 inches, fell in just a couple hours across portions of central Lauderdale County. This heavy rain caused flash flooding across portions of Meridian where many streets were under water and a few businesses had water enter the building.						
Smith County									
Taylorsville	20	1505CST			0	0			Thunderstorm Wind (G53)
			Several trees were blown down just outside of Taylorsville.						
Jones County									
Hebron to 3 NW Sandersville	20	1505CST 1521CST			0	0			Hail (1.00)
			A swath of penny to quarter sized hail fell across northwest and north-central Jones county.						
Jasper County									
3 SW Stringer to 5 W Heidelberg	20	1510CST 1527CST			0	0			Hail (1.00)
			A swath of penny to quarter sized hail fell across the southern portion of Jasper county from around Stringer to Moss and then just west of Heidelberg. This hail fell from the same storm that produced hail across northern Jones county.						
Jasper County									
Stringer	20	1515CST			0	0	10K		Thunderstorm Wind (G55)
			Numerous trees were blown down around the Stringer area.						

Storm Data and Unusual Weather Phenomena

March 2006

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

Jones County

4 SE Soso to
6 NNW Laurel

20 1520CST 8 50 0 0 100K Tornado (F1)
1531CST

This tornado touched down just south of Soso and tracked northeast to the Shady Grove Community. Many trees were damaged along the path with damage becoming more extensive near and around the Shady Grove Community. Here, numerous trees and power lines were taken down some snapped in half. One large tree was blown down on a new shed totally destroying the structure.

Smith County

Raleigh

20 1540CST 0 0 30K Flash Flood
1700CST

Locally heavy rains caused several streets around Raleigh to flood. Additionally, a few roads outside of town were flooded by several inches of water.

Clarke County

Shubuta

20 1550CST 0 0 10K Thunderstorm Wind (G53)

Several trees were blown down around town.

Forrest County

Hattiesburg

20 1553CST 0 0 Funnel Cloud

A funnel cloud was observed off Highway 98 on the west side of town.

Forrest County

Hattiesburg

20 1555CST 0 0 Thunderstorm Wind (G50)

A few trees were blown down on the northwest side of Hattiesburg.

Lamar County

6 NNW Purvis to
5 N Purvis

20 1610CST 3 50 0 1 500K Tornado (F1)
1615CST

This tornado touched down just north of the Pine Ridge Community and tracked east-northeast for 3 miles. One person was injured when they were blown across a concrete patio. The most extensive damage occurred along Widden Road. Here one two-story home had the roof partially torn off and the back deck heavily damaged. Another home sustained significant roof damage along with the back deck destroyed. A third home had its deck damaged along with numerous trees uprooted or snapped along the path.

Marion County

Columbia

20 1615CST 0 0 10K Thunderstorm Wind (G50)

A piece of metal roof was torn off a building on High School Ave.

Lawrence County

3 S Oma to
5 ESE Oma

20 1805CST 0 0 Thunderstorm Wind (G55)
1814CST

Several trees were blown down across a few county roads across northern Lawrence County.

Bolivar County

2 NE Duncan to
3 ENE Alligator

31 1946CST 0 0 Hail (1.00)
1952CST

Sunflower County

3 E Doddsville to
5 E Doddsville

31 2125CST 0 0 Hail (1.00)
2128CST

Leflore County

6 W Schlater to
6 E Schlater

31 2127CST 0 0 Hail (1.00)
2140CST

A swath of penny to quarter sized hail fell from around the Doddsville Community eastward into Leflore County. The hail continued across a good portion of Leflore County, through the Schlater Community, before the storm weakened just east of Schlater.

MISSISSIPPI, North

Tishomingo County

Iuka

05 2100CST 0 0 30K Lightning
2101CST

A guest house was destroyed by fire caused by a lightning strike near Mt. Evergreen(Toenail) Cemetery near Iuka.

MSZ010

Coahoma
09 1040CST 0 0 15K Strong Wind
1055CST

Several vacant buildings were knocked down when high winds moved through Clarksdale.

Coahoma County

Clarksdale

09 1220CST 0 0 5K Thunderstorm Wind (G60)
1225CST

Some power lines were knocked down.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, East									
Ste. Genevieve County									
St Marys	11	0215CST			0	0	0	0	Hail (0.88)
Washington County									
5 SE Anthonies Mill	11	0300CST			0	0	0	0	Hail (0.75)
St. Louis (C)									
St Louis	11	0330CST			0	0	0	0	Hail (0.75)
Boone County									
Columbia	11	1518CST			0	0	0	0	Hail (1.00)
Boone County									
Columbia	11	1520CST			0	0	0	0	Hail (2.00)
Boone County									
Columbia	11	1521CST			0	0	0	0	Hail (1.25)
Boone County									
1 N Columbia	11	1531CST			0	0	0	0	Hail (1.75)
Boone County									
Columbia	11	1540CST			0	0	0	0	Hail (1.75)
Severe thunderstorm dumped massive amounts of hail all over town with hail stones as large as two inches in diameter. Piles of hail could be found well after the event ended.									
Boone County									
Hallsville	11	1520CST			0	0	0	0	Hail (1.00)
Boone County									
4 NW Hallsville	11	1528CST			0	0	0	0	Hail (0.75)
Boone County									
1 N Hallsville	11	1530CST			0	0	0	0	Hail (1.75)
Audrain County									
4 NW Laddonia	11	1545CST			0	0	0	0	Hail (1.75)
Moniteau County									
Jamestown	11	1550CST			0	0	0	0	Hail (1.00)
Large quantities of quarter size hail.									
Ralls County									
7 S Perry	11	1600CST			0	0	0	0	Hail (0.75)
Ralls County									
4 S Perry	11	1600CST			0	0	0	0	Hail (1.75)
Ralls County									
New London	11	1620CST			0	0	0	0	Hail (0.88)
Marion County									
Hannibal	11	1605CST			0	0	0	0	Hail (1.00)
Boone County									
1 N Easley	11	1605CST			0	0	0	0	Hail (1.75)
Boone County									
4 SE Columbia	11	1606CST			0	0	0	0	Hail (1.00)
Boone County									
Columbia	11	1612CST			0	0	0	0	Hail (1.75)
A second round of large hail fell over southern Boone county. Golfball size hail was up to three inches deep on the ground at the intersection of US 63 and State Route 163...southeast of Columbia.									
Boone County									
6 S Columbia	11	1625CST			0	0	0	0	Hail (1.75)
A third round of large hail was reported south of Columbia. Dense fog was also forming in the area.									
Moniteau County									
Jamestown	11	1628CST			0	0	0	0	Thunderstorm Wind (G52)
Callaway County									
2 N Auxvasse	11	1630CST			0	0	0	0	Hail (0.75)
Pike County									
Frankford	11	1636CST			0	0	0	0	Hail (1.00)
Pike County									
Frankford	11	1636CST			0	0	0	0	Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, East									
Boone County									
1 S Columbia	11	1641CST			0	0	0	0	Hail (0.75)
Audrain County									
Vandalia	11	1645CST			0	0	0	0	Hail (0.75)
Montgomery County									
Wellsville	11	1715CST			0	0	0	0	Hail (1.00)
Montgomery County									
2 SE Middletown	11	1730CST			0	0	0	0	Hail (0.75)
Crawford County									
Davisville	11	1845CST			0	0	0	0	Hail (0.75)
Washington County									
3.2 SW Aptus	11	1900CST			0	0	0	0	Hail (0.75)
Reynolds County									
6 S Centerville to 5 SE Lesterville	11	1955CST 2010CST	12.5	75	0	0			Tornado (F1)
A tornadic supercell thunderstorm moved across southeast Missouri and southwest Illinois producing 4 tornadoes. The first tornado formed at about 7:55 pm CST about 1.5 miles south of Centerville just east of Highway 21 near Route O. The damage here was about 75 yards wide and consisted of snapped and uprooted trees. The tornado moved northeast snapping off and uprooting more trees near Route V and County Road 342. The tornado then moved into Iron County.									
Iron County									
6 SW Chloride to 7 E Arcadia	11	2010CST 2033CST	13	450	0	0			Tornado (F2)
The tornado that started in Reynolds entered Iron County and crossed Highway 49 between Chloride and Sabula causing considerable tree damage in the Mark Twain National Forest. The damage through the forest was about one quarter mile wide. The tornado crossed Route E west of Patterson Mountain where it damaged a barn and the roof and siding of a home. The tornado then continued into Madison County.									
Madison County									
6 SW Silver Mine to 3.2 NW Silver Mine	11	2033CST 2048CST	10	200	0	0			Tornado (F1)
The tornado that started in Reynolds and moved across Iron County then moved into Madison County crossing the county line northeast of Patterson Mountain. The tornado continued through the remote area of the Mark Twain National Forest causing considerable tree damage. The tornado finally dissipated just northeast of the intersection of Highway 72 and Route K.									
Crawford County									
6 SE Steelville	11	2000CST			0	0	0	0	Hail (2.75)
Crawford County									
Steelville	11	2022CST			0	0	0	0	Hail (1.00)
Crawford County									
Steelville	11	2025CST			0	0	0	0	Hail (1.75)
Crawford County									
Cherryville	11	2028CST			0	0	0	0	Hail (1.00)
Crawford County									
13 E Steelville	11	2032CST			0	0	0	0	Hail (1.75)
Iron County									
2 S Arcadia	11	2031CST			0	0	0	0	Hail (2.75)
Washington County									
Old Mines	11	2033CST			0	0	0	0	Hail (0.75)
Crawford County									
Wesco	11	2040CST			0	0	0	0	Hail (1.75)
Crawford County									
2 S Davisville	11	2100CST			0	0	0	0	Hail (1.00)
Madison County									
1 ESE Oak Grove to 2 ESE Oak Grove	11	2048CST 2050CST	0.7	75	0	0			Tornado (F1)

The supercell thunderstorm that produced the Reynolds, Iron and Madison County tornado spawned another short lived tornado near Highway 72 and County Road 504 southeast of Oak Grove. A swath of trees were uprooted or snapped off.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, East									
Madison County									
1 SW Mine La Motte	11	2054CST 2102CST	6.5	300	0	0			Tornado (F1)
									<p>The third tornado from the southeast Missouri supercell formed just southwest of Mine La Motte. The tornado traveled through the the west and north sections of the town producing F1 damage. A mobile home was destroyed, a barn was damaged, a metal outbuilding was destroyed, a barn damaged and a number of trees were either split or uprooted. The tornado continued northeast causing tree damage before crossing into extreme southeast St. Francois County near Little Peg Knob Mountain.</p>
St. Francois County									
6.4 SE Knob Lick to 5 SW Libertyville	11	2102CST 2109CST	4	100	0	0			Tornado (F1)
									<p>The tornado that started in Madison County near Mine La Motte moved into St. Francois County near Little Peg Mountain and produced a swath of tree damage about 100 yards wide across the southern tip of the county. The tornado then crossed into Ste. Genevieve County.</p>
Ste. Genevieve County									
1 WSW Womack to 1 NE Womack	11	2109CST 2113CST	2	75	0	0			Tornado (F1)
									<p>The tornado that started in Madison County near Mine La Motte and crossed southern St. Francois County then crossed into Ste. Genevieve County near Route T west southwest of Womack. The tornado continued east northeast for about 2 miles uprooting trees along the path.</p>
Washington County									
10 NW Potosi	11	2055CST			0	0	0	0	Hail (0.75)
Washington County									
Belgrade	11	2119CST			0	0		0	Hail (1.75)
Washington County									
4 SW Potosi	11	2124CST			0	0		0	Hail (0.75)
Washington County									
5 S Potosi	11	2125CST			0	0		0	Hail (1.00)
Washington County									
5 ESE Potosi	11	2135CST			0	0		0	Hail (1.75)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

**Ste. Genevieve
County**

6 NE Womack to
1.5 S Minnith

11	2120CST 2128CST	4	400	0	2				Tornado (F2)
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The debris in the background is from the remains of a mobile home that used to sit in the foreground next to the steps. Two people in the mobile home suffered serious injuries.

The fourth tornado from the Southeast Missouri supercell formed in extreme southwest Ste. Genevieve County and went on to be the longest and strongest of the four tornadoes. The tornado formed about 9:20 pm CST just east of Route WW and one mile north of Holmes Road. On Kramer Road, just off Route N, the tornado produced F2 damage that was at least 400 yards wide. A double wide mobile home was rolled about 150 yards and completely destroyed. Two occupants suffered serious injuries. Two other mobile homes in the area were also destroyed, along with two barns, a machine shed and a detached garage. The tornado continued northeast and tracked into northern Perry County.

Crawford County

Cook Station

11	2128CST			0	0				Hail (1.75)
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Crawford County

Davisville

11	2140CST			0	0				Hail (1.00)
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St. Francois County

Bonne Terre

11	2136CST			0	0	0	0		Hail (0.75)
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Jefferson County

9 S Festus

11	2140CST 2141CST	0.1	10	0	0				Tornado (F0)
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The first of three tornadoes from a supercell thunderstorm occurred about 9 miles south of Festus on the north side of Route TT where several trees were blown over.

Storm Data and Unusual Weather Phenomena

March 2006

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

MISSOURI, East

Jefferson County
8.5 SSE Festus to
9 SE Festus

11	2142CST 2147CST	3.1	200	0	0				Tornado (F3)
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A home south southeast of Festus damaged by a tornado.

The second Jefferson County tornado first formed about 9:42 pm CST about 8.5 miles south southeast of Festus, near Interstate 55 where it sheared off the tops of several trees. The tornado then hit a small subdivision on the east side of the highway destroying three homes. The tornado crossed Highway 61 and destroyed another home and caused one minor injury. The tornado continued northeast causing minor to moderate damage to homes and outbuildings. At it approached the Mississippi River, the tornado blew down two high power electric transmission towers. It then crossed the river into Monroe County Illinois. The Jefferson County portion of the tornado track was about 3.1 miles with a maximum width of 200 yards and a F3 rating.

Jefferson County Hillsboro	11	2330CST			0	0	0	0	Hail (0.75)
Jefferson County 4 W Festus	11	2335CST			0	0	0	0	Hail (0.75)
Washington County Old Mines	12	0030CST			0	0	0	0	Hail (2.50)
Jefferson County 4.8 E De Soto	12	0045CST			0	0	0	0	Hail (1.00)
Jefferson County South Portion	12	0145CST 0630CST			0	0	0	0	Flash Flood

Several rounds of thunderstorms moved over southern portions of Jefferson county...dumping between 3 and 5 inches of rain. Numerous creeks in the area flooded causing roads to be flooded in the area. One location that was affected was near State Road JJ and Boyd Branch creek. Also, near the intersection of Laguna Palma and Charter Church roads and near the intersection of Boyce Lane and Plattin School Road.

Washington County Countywide	12	0155CST 0630CST			0	0	0	0	Flash Flood
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Several rounds of thunderstorms moved through the area dumping between 3 and 5 inches of rain in a short amount of time. Numerous county roads were closed. State Highway E was closed near Potosi. Also, Britton Creek in Potosi was out of its banks causing flooding of several streets in town.

St. Francois County Countywide to St Francois	12	0200CST 0630CST			0	0	0	0	Flash Flood
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Storm Data and Unusual Weather Phenomena

March 2006

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

MISSOURI, East

Several rounds of thunderstorms moved through the area with 3 to 5 inches of rain being reported. Numerous county roads were closed due to flooding.

Crawford County Countywide

12	0210CST 0630CST				0	0	0	0	Flash Flood
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Several rounds of thunderstorms moved through Crawford county. Between 3 and 5 inches of rain fell in a short amount of time causing numerous creeks to flood. County highways E, C and M were closed due to flooding. Also, County highway H had one foot of water over the road in Onondaga Cave State Park near the Meramec River and was still rising at the time of the report. Various other county roads were closed as well.

Monroe County 2 N Madison

12	1057CST 1058CST		0.1	50	0	0			Tornado (F0)
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A tornado briefly touched down in a field and blew down several trees. No structural damage or injuries were reported.

Monroe County Holliday

12	1105CST				0	0	0	0	Hail (1.00)
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Monroe County 6 N Paris

12	1110CST				0	0	0	0	Thunderstorm Wind (G50)
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Thunderstorm winds blew down several power lines north of Paris.

Shelby County 5 ESE Shelbina

12	1120CST				0	0	0	0	Hail (0.75)
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Hail covered the ground.

Ralls County 1 S Hassard

12	1125CST 1126CST		0.2	50	0	0	0	0	Tornado (F0)
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A tornado briefly touched down in an open field, traveled over a small pond picking up some water. Then it damaged a farm outbuilding before lifting and dissipating. No injuries were reported.

Monroe County Monroe City

12	1125CST				0	0	0	0	Hail (0.75)
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Marion County 5 W Hannibal

12	1130CST				0	0	0	0	Hail (0.88)
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Marion County 1 S Palmyra

12	1135CST				0	0	0	0	Hail (0.88)
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Marion County Hannibal

12	1145CST				0	0	0	0	Hail (0.75)
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Boone County 6 SE Harrisburg

12	1647CST				0	0	0	0	Hail (0.88)
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Boone County Rocheport

12	1655CST				0	0	0	0	Hail (1.00)
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Boone County Midway

12	1700CST				0	0	0	0	Hail (1.75)
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Boone County Columbia

12	1705CST				0	0	0	0	Hail (1.00)
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Boone County Columbia

12	1710CST				0	0	0	0	Hail (1.75)
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Boone County Columbia

12	1710CST				0	0	0	0	Thunderstorm Wind (G52)
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Boone County Columbia

12	1715CST				0	0	0	0	Hail (3.00)
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Boone County Columbia

12	1715CST				0	0	0	0	Hail (1.75)
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Boone County 4 W Columbia

12	1715CST				0	0	0	0	Hail (1.50)
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Boone County 1 N Columbia

12	1720CST				0	0	0	0	Hail (1.50)
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Boone County Columbia

12	1730CST				0	0	0	0	Hail (2.50)
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A large swath of hail fell from Rocheport eastward into the Columbia metro area. The largest hail stones were 3 inches in diameter in Columbia. Numerous homes, businesses and automobiles were damaged by the hail. Emergency management officials estimated

Storm Data and Unusual Weather Phenomena

March 2006

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

MISSOURI, East

up to 1700 structures received hail damage.

Audrain County 4.5 SW Molino to 1.5 NE Molino	12	1705CST 1715CST	6	75	0	0			Tornado (F0)
A small tornado formed near the intersection of County Road 377 and Highway T causing tree damage. The tornado moved northeast causing intermittent tree damage, with the most significant tree damage at the intersection of County Road 353 and 364. The tornado damaged a barn, a grain bin and some outbuildings southeast of Molino. The tornado dissipated near the South Fork of the Salt River northeast of Molino.									
Audrain County 6 W Thompson	12	1715CST			0	0	0	0	Hail (0.88)
Audrain County 10 N Mexico	12	1725CST			0	0	0	0	Hail (0.75)
Callaway County 5 WNW Hatton	12	1725CST			0	0	0	0	Hail (0.75)
Callaway County 6 W Auxvasse	12	1730CST			0	0		0	Hail (1.75)
Callaway County 6 W Auxvasse	12	1730CST			0	0		0	Thunderstorm Wind (G52)
Callaway County 1 W Hatton	12	1730CST			0	0		0	Hail (1.75)
Callaway County 1 W Hatton	12	1730CST			0	0		0	Thunderstorm Wind (G52)
Monroe County Santa Fe	12	1740CST			0	0	0	0	Hail (0.75)
Ralls County Perry	12	1745CST			0	0		0	Hail (1.75)
Ralls County 2 SW New London	12	1805CST			0	0	0	0	Hail (0.75)
Audrain County Mexico	12	1749CST			0	0	0	0	Hail (0.75)
Audrain County 5 E Mexico	12	1755CST			0	0		0	Hail (1.75)
Audrain County Rush Hill	12	1800CST			0	0		0	Hail (1.00)
Audrain County Laddonia	12	1810CST			0	0		0	Hail (1.00)
Pike County .2 SW New Hartford to 1 NNE New Hartford	12	1824CST 1825CST	1	50	0	0			Tornado (F0)
A small tornado formed just southwest of New Hartford and traveled northeast just west and north of town for about 1 mile. Damage was limited to snapped and uprooted trees.									
Pike County 1 NNW New Hartford 1.5 SSE Ashley	12	1825CST 1833CST	5	125	0	0			Tornado (F1)
A tornado formed just northwest of New Hartford and traveled about 4 miles to just south of Ashley. The tornado initially caused tree damage just west of County Road 409 and again as it crossed County Road 416. A farm suffered damage on County Road 412 about 1.5 miles west of Highway 161. One grain silo was destroyed, another damaged, and a barn damaged. A machine was also destroyed with the debris thrown over 300 yards. Damage in this area was about 125 yards wide and was rated F1. The tornado crossed Highway 161 causing tree damage and continued to the northeast. Just east of Highway 161, a grain bin was tossed back to the southwest across Highway 161. Tree damage continued from there until the tornado dissipated southeast of Ashley and east of Highway Z.									
Pike County Bowling Green	12	1830CST			0	0	0	0	Hail (0.75)
Pike County Bowling Green	12	1832CST			0	0	0	0	Hail (0.75)
Pike County 6 WSW Clarksville	12	1835CST			0	0	0	0	Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, East									
Callaway County Holtz Summit	12	2315CST			0	0	0		Hail (1.00)
Callaway County 7 SSE Fulton	12	2330CST			0	0	0		Hail (1.00)
Callaway County 2 SW Tebbetts to 2 SE Tebbetts	12	2330CST 2335CST	5	75	0	0			Tornado (F1)
The first indication of tornado damage was in extreme southern Callaway County southwest of Tebbetts. A mobile home was flipped onto its side on County Road 4010 about 11:30 pm CST. The tornado tracked northeast across the flood plain and then crossed the Missouri River into into Osage County.									
Osage County 5 SW Chamois to 5.5 NE Chamois	12	2335CST 2343CST	8.5	150	0	0			Tornado (F1)
The tornado that formed in southern Callaway County crossed the Missouri River and moved into northern Osage County to the Chamois area at about 11:40 pm CST. Tree damage was found near Main and West Tennessee Street. The tornado traveled northeast where it damaged the roofs of two barns throwing debris approximately 150 yards into an open field. This damage was rated as F1 intensity. Approximately 3 miles northeast of Chamois two sheds were destroyed and another shed and home were damaged. Debris was thrown at least 500 yards into a nearby open field. Numerous trees were damaged just northeast of this location with a damage width of approximately 150 yards wide. This damage was rated as low end F1 intensity. The tornado continued northeast crossing the Missouri River again and back into southeast Callaway County.									
Callaway County 3.5 E Portland to 4 E Portland	12	2343CST 2344CST	0.5	50	0	0			Tornado (F0)
The tornado that formed in Callaway County at about 11:30 pm CST in southern Callaway County, then moved into Osage County, crossed the Missouri river again into southeast Callaway County. The tornado continued for about a half mile causing tree damage.									
Osage County 7 ENE Chamois to 8 ENE Chamois	12	2343CST 2344CST	0.7	50	0	0			Tornado (F0)
A small tornado formed in extreme northeast Osage County just south of the Missouri River causing tree damage. The tornado then crossed the river into southeast Callaway County.									
Callaway County 4.5 ENE Portland to 5 ENE Portland	12	2344CST 2348CST	3.5	200	0	0			Tornado (F0)
The tornado that formed in northeast Osage County crossed the Missouri River into Callaway County moving northeast and damaged a home along Highway 94 about 2 miles west of the Callaway Montgomery County line. Numerous trees were also either snapped off or uprooted in this area. The tornado then moved into Montgomery County.									
Montgomery County 1.7 NW Bluffton to 2 N Bluffton	12	2348CST 2350CST	2	75	0	0			Tornado (F0)
The tornado that formed in Osage County about 11:43 am CST, crossed the Missouri River into Callaway County, then continued northeast into Montgomery County. In Montgomery County, the tornado destroyed a small shed along County Road 289 and then dissipated about 2 miles north of Bluffton.									

Storm Data and Unusual Weather Phenomena

March 2006

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

MISSOURI, East

Montgomery County

Jonesburg

13	0000CST 0010CST	4	300	0	0				Tornado (F3)
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The remains of a mobile home destroyed by a tornado near Jonesburg, MO. A 73 year old woman inside the home suffered serious injuries.

The supercell thunderstorm that produced tornadoes in Osage, Callaway, and Montgomery counties produced another tornado in Montgomery County that formed in Jonesburg about Midnight CST March 13, 2006. Damage was first found on Highway Y where a home suffered roof damage. On West Boonslick Road a porta potty business suffered roof damage in addition to having about 20 porta potties destroyed, a few of which were missing. A garbage bin was blown about 100 yards into a field and a mobile home just north of the business was blown onto its side and destroyed. Damage in this area was rated F1 and was 100 yards wide. The tornado crossed Interstate 70 at mile marker 83 where it pushed a tractor-trailer off the highway. The tornado then produced damage as it crossed Highway E. Several homes suffered roof damage and several garage and barn type structures were destroyed. The tornado continued northeast and caused extensive damage as it crossed Oak Hall Road (County Road 250). The CC Pallet Company was destroyed and two mobile homes were destroyed. A 73 year old woman suffered broken bones and a back injury in one of the mobile homes. The tornado at this location was 200 yards wide and was rated F2. The tornado moved northeast causing tree damage as it moved across primarily open fields. Just north of Highway NN a new home was destroyed, trees were mangled and another home suffered roof damage. The tornado was rated F3 at this location and was 300 yards wide. The tornado next caused significant damage along Highway NN right at the Montgomery Warren County line about 12:10 am CST. A barn and several outbuildings were destroyed and a home suffered roof damage. The tornado was rated F1 and was about 100 yards wide at this location. The tornado then continued into Warren County. The Montgomery County Emergency Management Agency reported 8 structures destroyed, 10 with extensive damage and 14 with moderate damage. This covers homes and businesses and does not include barns and outbuildings.

Warren County

**9.5 NW Warrenton to
9 NNW Warrenton**

13	0010CST 0013CST	2	50	0	0				Tornado (F0)
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The tornado that formed in Montgomery County in Jonesburg around Midnight CST March 13, continued into Warren County. The tornado moved through mostly forest area west of Highway A along Camp Creek causing tree damage before dissipating.

Moniteau County

1 W Jamestown

13	0010CST			0	0			Hail (0.75)
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Boone County

Columbia

13	0020CST			0	0			Hail (0.75)
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Lincoln County

Troy

13	0020CST			0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

Callaway County

**2 NE Guthrie to
3 E Fulton**

13	0030CST 0045CST	13	100	0	2				Tornado (F2)
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A tornado initially formed at approximately 12:30 am CST along County Road 337 about 2 miles northeast of Guthrie. Light tree damage occurred in this area. The tornado traveled northeast and moderately damaged a home just north of County Road 328 approximately 1.5 miles west of US Highway 54. The home was moved approximately 25 feet off the foundation. Extensive tree damage occurred to the southwest and northeast of this location. Two people were injured at this location and were hospitalized for several days. Another home just to the east suffered roof damage. The damage width in this area was about 100 yards wide and was rated as F2 intensity. The tornado damaged a barn along US Highway 54 approximately 2 miles southwest of Fulton. Debris from the barn was thrown into the highway median. The track continued to the northeast and damaged trees along Highway NN, and damaged outbuildings along Highway C approximately 1.5 miles south of Fulton. The damage in this area was rated as F0 intensity. The tornado track continued northeast crossing Highways O and UU causing tree damage. The tornado dissipated approximately 3 miles east of Fulton along highway JJ. The damage in this area was rated as F0 intensity. The complete tornado track was approximately 13 miles long.

Montgomery County

**3 N Bellflower to
5.5 ENE Gamma**

13	0120CST 0128CST	6.5	300	0	0				Tornado (F3)
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A supercell thunderstorm produced a tornado that tracked from northeast Montgomery County, across northern Lincoln County, crossed into southeast Pike County, and then crossed the Mississippi River into Calhoun County, IL during the early morning hours of Monday, March 13, 2006. The total damage track was almost 45 miles with the tornado reaching a maximum damage width of 300 yards and a F3 rating. The tornado first formed and caused damage in northeast Montgomery County about 1:20 am CST along Union Chapel Road northwest of Bellflower. A home suffered roof damage with several trusses on the northwest side destroyed. The tornado was about 100 yards wide at this point and was rated F1. The tornado moved northeast and crossed Highway E several times. In the small community of Gamma, two homes suffered major roof damage, a barn and several outbuildings destroyed. The tornado was rated F2 at this location and was about 200 yards wide. The tornado weakened and caused tree damage near the West Fork of the Cuivre River as it crossed into Lincoln County southwest of Olney.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

Lincoln County

1.5 SW Olney to
3.4 WNW Dameron

13	0128CST 0146CST	24	300	0	0				Tornado (F3)
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The remains of a home destroyed by a tonado near Olney, MO. The family was in the basement and even though the sub-floor was pulled off, they escaped injury.

The tornado that formed in Montgomery County north of Bellflower moved into Lincoln County, strengthened, and caused extensive damage along Highway E on the north side of Olney. A home was completely destroyed as the tornado reached F3 intensity and was about 300 yards wide. The family at home escaped injury as they had taken shelter in the basement. About 1:35 am CST, the tornado destroyed a home and caused damage to a home business along Highway H northwest of Silex. At this point the tornado was a strong F2 and about 200 yards wide. A man in the home that was destroyed suffered a broken leg. At the home business, the home suffered roof damage and had the north side brick wall pulled off of the house. A large machine shed suffered extensive damage and a 50 foot travel trailer and the pickup truck it was attached too were blown onto their sides. The tornado continued northeast and primarily crossed over wildlife and conservation areas south of Whiteside. The tornado crossed US Highway 61 near the intersection with Highway F about 1:40 am CST and caused minor damage at a farm and a couple of homes. An old barn was destroyed, a metal shed was destroyed, a garage had the door buckled and windows blown out. A nearly constant trail of tree damage continued as the tornado approached the Lincoln Pike County line west of Dameron about 1:46 am CST.

Pike County

4 SE Annada to
5 ENE Annada

13	0146CST 0156CST	8	100	0	0				Tornado (F0)
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The tornado that originally formed in Montgomery County north of Bellflower and moved across northern Lincoln County, continued east northeast into Pike County crossing the border just south of Woodson Knob Hill. The tornado ran parallel to Saltpeter Bluff traveling across farmland occasionally causing tree damage. The tornado crossed Highway 79 south southeast of Annada about 1:51 am CST and continued across the Mississippi River into Calhoun County, IL.

Lincoln County

1 E Millwood

13	0136CST	0.2	75	0	0				Tornado (F1)
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A small tornado hit along Highway E about 1 mile east of Millwood. A barn and 2 grain bins were destroyed. Several other buildings had roof damage.

Lincoln County

Troy

13	0140CST			0	0				Hail (2.00)
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Franklin County

Washington

13	0215CST 0220CST			0	0				Hail (1.75)
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Franklin County

Washington

13	0220CST			0	0				Thunderstorm Wind (G50)
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Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, East									
St. Charles County Weldon Spg	13	0235CST			0	0	0		Hail (1.75)
Golfball sized hail fell for several minutes at the NWS office in St. Louis. Several employees' cars sustained hail damage.									
St. Charles County St Peters	13	0240CST			0	0	0		Hail (1.25)
St. Charles County 1.6 SW St Charles	13	0250CST			0	0	0		Hail (0.88)
St. Louis County 2 NNE Bridgeton	13	0255CST			0	0	0		Hail (1.00)
St. Louis County .8 SSW Hazelwood	13	0259CST			0	0	0		Hail (0.88)
St. Louis County St Louis-Lambert Int	13	0259CST 0305CST			0	0	0		Hail (2.00)
St. Louis County 1.6 W Hazelwood	13	0300CST			0	0	0		Hail (1.75)
St. Louis County 2.4 N Ferguson	13	0305CST			0	0	0		Hail (1.75)
St. Louis County Spanish Lake	13	0305CST			0	0	0		Hail (1.75)
Ste. Genevieve County Ste Genevieve	13	0405CST			0	0	0		Thunderstorm Wind (G52)
Shelby County 1.6 NE Lentner	30	1918CST			0	0	0		Hail (0.75)
Shelby County 1 S Bethel	30	1925CST			0	0	0		Hail (0.75)
Monroe County 3 W Madison	30	1925CST			0	0			Hail (0.88)
Monroe County 4 W Madison	30	1925CST			0	0			Thunderstorm Wind (G60)
Thunderstorm winds blew off part of the roof of one house and a tractor trailer was blown off the road. No injuries were reported.									
Monroe County 1 N Holliday	30	1935CST			0	0			Thunderstorm Wind (G60)
Thunderstorm winds overturned a small outbuilding, snapped an antenna tower in half and took some shingles off the roof of one house.									
Monroe County Granville	30	1941CST			0	0			Hail (0.75)
Marion County Philadelphia	30	2005CST			0	0			Hail (0.88)
Marion County Hannibal	30	2030CST			0	0			Thunderstorm Wind (G60)
Thunderstorm winds blew some siding off of a couple of homes in Hannibal.									
Knox County Hurdland	30	2105CST			0	0			Thunderstorm Wind (G52)
Boone County Harrisburg	30	2140CST			0	0			Hail (1.00)
Boone County 3 SE Harrisburg	30	2140CST			0	0			Hail (0.88)
Boone County 4 SE Harrisburg	30	2143CST			0	0			Hail (0.88)
Boone County 2 S Sturgeon	30	2145CST			0	0			Hail (0.75)
Moniteau County California	30	2215CST			0	0			Hail (0.75)
Moniteau County California	30	2215CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Ralls County									
Perry	30	2220CST			0	0			Thunderstorm Wind (G52)
Ralls County									
New London	30	2240CST			0	0			Hail (0.75)
Ralls County									
New London	30	2240CST			0	0			Thunderstorm Wind (G52)
			Thunderstorm winds blew down a power line at the intersection of Highways 61 and 19, as well as several trees.						
Ralls County									
1 N New London	30	2240CST			0	0			Thunderstorm Wind (G52)
Boone County									
1 S Ashland	30	2235CST			0	0			Hail (0.75)
Cole County									
1 S Jefferson City	30	2235CST			0	0			Thunderstorm Wind (G52)
			Thunderstorm winds blew down several power lines downtown.						
Gasconade County									
Bland	30	2250CST			0	0			Thunderstorm Wind (G60)
			Thunderstorm winds blew down a pine tree and caused minor damage to one home.						
Pike County									
3 NNW Ashburn	30	2250CST			0	0			Hail (0.75)
Pike County									
3 NNW Ashburn	30	2250CST			0	0			Thunderstorm Wind (G62)
			Some tree limbs were blown down.						
Callaway County									
1 S Kingdom City	30	2310CST			0	0			Thunderstorm Wind (G52)
			Thunderstorm winds blew down several trees on County Road 110.						
Gasconade County									
Owensville	30	2355CST			0	0			Thunderstorm Wind (G52)
			Thunderstorm winds blew down several trees onto power lines at the intersection of Highway 28 and Main Street.						
Franklin County									
Gerald	31	0005CST			0	0			Hail (0.75)
Franklin County									
3 NW Gray Summit	31	0035CST			0	0			Thunderstorm Wind (G61)
			Two large trees were blown down.						
<u>MISSOURI, Lower</u>									
Dunklin County									
Campbell to Malden	09	0115CST 0130CST			0	0	1K		Thunderstorm Wind (G50)
			Numerous tree limbs were blown down.						
Pemiscot County									
Caruthersville	09	0730CST 0735CST			0	0	0		Thunderstorm Wind (G62)
			A local radio station reported a wind gust to around 67 mph.						
Dunklin County									
Kennett to Clarkton	09	1748CST 1755CST			0	0	10K		Thunderstorm Wind (G55)
			A shed was blown down. Several large trees and some stop signs were also knocked down.						
Pemiscot County									
Wardell	09	1800CST 1805CST			0	0	10K		Thunderstorm Wind (G60)
			Two buildings were severely damaged. A radio tower was also damaged.						
Dunklin County									
Malden	09	1815CST 1820CST			0	0	1K		Thunderstorm Wind (G50)
			Several large tree limbs were blown down.						
<u>MISSOURI, Northeast</u>									
MOZ009>010									
		Scotland - Clark							
	01	0000CST			0	0			Drought
	31	2359CST							

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, Northeast

The drought that began back in July 2005 and re-emerged in February 2006 continued through March 2006 but shrunk considerably in size and scope by the start of April 2006. This shrinkage was due to a persistent wet pattern that had set up during March 2006 and continued into April 2006. Since the growing season had yet to begin, the drought was essentially hydrologic in nature. A report of the hydrologic conditions is supplied by the service hydrologist.

River Conditions

Monthly stream flows for March averaged near normal (25th to 75th percentile) to below normal (10th to 24th percentile). All basins averaged below normal except for the lower Cedar-Iowa River basins and the entire Rock River basin, which averaged near normal.

Stream flows began the month with most locations reporting stream flows that were below normal (10th to 24th percentile) or much below normal (less than 10th percentile). A few locations reported near normal (25th to 75th percentile) conditions and one location reported a record low flow for the day. Stream flows gradually decreased until moderate rainfall fell on the 5th. On the 6th, stream flows began increasing in response to this rainfall. Stream flows then remained nearly steady or increased slightly through the 13th when most locations reported near normal conditions. Some locations reported below normal (10th to 24th percentile) flows while other locations reported above normal (76th to 90th percentile) flows.

Stream flows then gradually decreased into the late parts of the month but then rose on the last day of the month. On the 30th most locations reported below normal conditions while some locations reported near or much below normal flows. Moderate rainfall on the 30th resulted in flow increases on the 31st. On that day, half of the locations reported below or much below normal flows and half of the locations reported near or above below normal flows.

Source: U.S. Geological Survey, WaterWatch Web site (<http://water.usgs.gov/waterwatch/>).

Drought

According to the U.S. Drought Monitor maps, minimal changes in the drought situation occurred during the month. Severe drought conditions (D2) continued to cover much of the HSA with moderate drought conditions (D1) across northwestern portions of the HSA.

Clark County Revere

12	1820CST 1824CST	0	0	1K	Thunderstorm Wind (G52)
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Branches a couple of inches in diameter down

Scotland County 1 E Kilwinning

12	2045CST 2047CST	0	0	3K	Hail (1.00)
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covered the ground

Scotland County 4.3 NW Brock

12	2053CST 2056CST	0	0	1K	Thunderstorm Wind (G52)
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NWS survey noted tree damage

Scotland County 2.1 NW Brock

12	2053CST 2056CST	0	0	40K	Thunderstorm Wind (G57)
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NWS survey noted two mobile homes flipped and destroyed at a nudist colony

Scotland County 4 N Memphis

12	2053CST 2056CST	0	0	6K	Hail (1.75)
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A strong spring storm system moved from the central Plains into the Great Lakes region from 12 March to 13 March 2006. An initial low level jet of 30-40 knots increased to 40-50 knots after sunset on 12 March which increased the available moisture for thunderstorms and heavy rain development.

A series of upper level disturbances developed waves of thunderstorms during the afternoon and overnight hours along and north of the warm front. Low freezing and wet bulb zero levels north of the warm front resulted in the storms being prolific hail producers. Outflow boundaries left over from the initial thunderstorm waves combined with the northward moving warm front provided the focus for locally heavy rainfall that lead to flash flooding in the Quad Cities metropolitan area.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, Northeast

Scotland County

1.9 SW Arbela to
1.9 SE Granger

12	2102CST 2108CST	5.5	8	0	0	5K		Tornado (F0)
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Rated high F0

Tornado touched down southwest of Arbela and damaged the roof of a farm house. Paralleling just to the south of U.S. 136, the tornado moved east 5.5 miles causing sporadic tree damage before entering Clark County 1.9 miles southeast of Granger or 3.2 miles west of Luray.

Clark County

3.2 W Luray to
2.7 W Luray

12	2108CST 2109CST	0.5	8	0	0	0.50K		Tornado (F0)
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Rated high F0

Tornado entered Clark County 3.2 miles west of Luray (or 1.9 miles southeast of Granger) from Scotland county just south of U.S. 136. After entering Clark County, the tornado traveled 0.5 miles paralleling U.S. 136 causing sporadic tree damage before dissipating.

MOZ009>010

Scotland - Clark

21 0100CST
0800CST

				0	0	4K		Winter Weather
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Also from Co-op observers.

An early Spring winter storm moved from the central Plains into the Ohio Valley from 20 March to 21 March 2006. An initially dry atmosphere precluded precipitation from reaching the ground but once saturation had occurred, snow broke out over southeast Iowa, west central Illinois, and far northeast Missouri in a 3-5 hour time period. Most of the snow had fallen by sunrise on 21 March. Snowfall amounts were generally 2-4 inches from Interstate 80 down to U.S. 34 with 4-6 inches from U.S. 34 on south. Mesoscale forcing during the morning of 21 March allowed for a band of 4-6 inch snowfall to occur along a line from Oskaloosa, Iowa to Galva, Illinois.

Scotland County

Memphis

30	2105CST 2113CST			0	0	10K		Thunderstorm Wind (G57)
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Several homes with siding partially removed. An older gas station had its roof partially removed.

A strong spring storm system produced two separate squall lines that moved through northern Missouri, southeast Iowa, and west central Illinois. The first squall line produced marginally severe winds in Hancock County south of Sutter. The second squall line produced severe winds in Scotland County at Memphis. Several reports of nonsevere thunderstorm winds of 43 to 48 knots (50 to 55 mph) were received from spotters or observed by AWOS/ASOS stations across northeast Missouri, southeast Iowa, and west central Illinois. Half inch hail was reported 2.5 miles south of Warsaw in Hancock County at 2152-2153 CST.

MISSOURI, Northwest

Mercer County

Princeton

07	1233CST			0	0			Hail (0.88)
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Harrison County

Mt Moriah

07	1335CST			0	0			Hail (0.75)
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Lafayette County

Waverly

08	0216CST			0	0			Hail (0.75)
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Harrison County

Cainsville

08	1648CST			0	0			Hail (0.88)
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Pettis County

5 S Sedalia

09	0019CST 0022CST	1.3	50	0	0	5K		Tornado (F0)
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Gustnado briefly touched down and produced damage to an older barn. A power pole was sheared off near U.S. Highway 65.

Pettis County

Sedalia

09	0022CST			0	0			Hail (0.88)
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Platte County

2 NW Parkville

12	0844CST			0	0			Hail (1.00)
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Platte County

2 NW Parkville

12	0844CST			0	0	900K		Hail (2.00)
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Numerous roofs and cars damaged due to the large hail.

Storm Data and Unusual Weather Phenomena

March 2006

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 Parkville	12	0846CST			0	0			Hail (1.00)
Platte County Weatherby Lake	12	0846CST			0	0	200K		Hail (1.75)
Platte County Parkville	12	0848CST			0	0	50K		Hail (1.75)
Platte County Tiffany Spgs	12	0850CST			0	0			Hail (1.00)
Platte County Ferrelview	12	0852CST			0	0	50K		Hail (1.75)
Platte County Lake Waukomis	12	1059CST			0	0			Hail (0.75)
Platte County Tiffany Spgs	12	1353CST			0	0			Hail (0.75)
Platte County Northmoor	12	1415CST			0	0			Hail (0.88)
Platte County Riverside	12	1653CST			0	0	50K		Hail (1.75)
Platte County Parkville	12	1654CST			0	0	50K		Hail (1.75)
Clay County (Mkc)Ks City Dntn Ar	12	0847CST			0	0			Thunderstorm Wind (G51)
Clay County North Kansas City	12	0854CST			0	0	250K		Thunderstorm Wind (G51)
					Roof blown off Block Road at 12th and Burlington. Multiple power poles snapped off...windows and structural damage to buildings...around 10th through 12th Street and Burlington.				
Jackson County 1 S Kansas City	12	0854CST			0	0	10K		Thunderstorm Wind (G51)
					Roof blown off residence at 16th and Jackson.				
Jackson County 1 NW Sibley to 2 NNE Sibley	12	0912CST 0915CST	2	150	0	0	1K		Tornado (F0)
					Tornado touched down 1 mile northwest of Sibley in rural areas at 0915 CST...with damage to trees and power lines noted. The tornado crossed into Ray county at 0915 CST...2 miles north northeast of Sibley.				
Jackson County Sibley	12	0915CST			0	0	150K		Thunderstorm Wind (G61)
					NW Electric COOP reported \$150,000 in damage.				
Jackson County Kansas City	12	1421CST			0	0			Hail (1.00)
Jackson County Kansas City	12	1429CST			0	0			Thunderstorm Wind (G61)
Jackson County Kansas City	12	1649CST			0	0			Hail (0.75)
Jackson County 4 S Kansas City	12	1828CST			0	0	200K		Hail (2.00)
Jackson County 3 SE Kansas City	12	1830CST			0	0			Hail (1.25)
Jackson County 4 SE Kansas City	12	1841CST			0	0			Hail (1.25)
Jackson County 2 NE Grandview	12	1842CST			0	0			Hail (1.75)
Jackson County 2 SW Raytown	12	1843CST			0	0			Hail (1.25)
Jackson County Independence	12	1845CST			0	0			Hail (1.00)
Jackson County 1 SW Raytown	12	1845CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

March 2006

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 1 NW Raytown	12	1847CST			0	0			Hail (1.00)
Jackson County 4 S Lees Summit	12	1852CST			0	0			Hail (1.00)
Jackson County Lees Summit	12	1855CST			0	0			Hail (1.50)
Jackson County Lees Summit	12	1856CST			0	0	1M		Hail (1.75)
Numerous cars at local car dealerships suffered hail damage. There were also many homes with roof damage from the hail.									
Jackson County Lees Summit	12	1858CST			0	0			Hail (1.25)
Jackson County Blue Spgs	12	1904CST			0	0			Hail (1.00)
Jackson County Blue Spgs	12	1906CST			0	0	100K		Hail (1.75)
Numerous roofs and cars damaged.									
Jackson County Lees Summit	12	2052CST			0	0			Hail (1.25)
Jackson County Lees Summit	12	2053CST			0	0			Hail (1.75)
Jackson County Lees Summit	12	2054CST			0	0			Hail (1.50)
Jackson County Lees Summit	12	2054CST			0	0			Hail (1.75)
Jackson County Blue Spgs	12	2100CST			0	0	500K		Hail (2.00)
Jackson County Blue Spgs	12	2101CST			0	0			Hail (1.00)
Jackson County 2 E Blue Spgs	12	2104CST			0	0			Hail (1.00)
Jackson County 6 N Lees Summit	12	2104CST			0	0			Hail (1.00)
Jackson County Buckner	12	2109CST			0	0	25K		Hail (2.25)
Clay County Gladstone	12	0854CST			0	0			Hail (1.75)
Clay County Gladstone	12	0855CST			0	0			Hail (1.75)
Clay County Gladstone	12	0856CST			0	0	250K		Hail (2.75)
Clay County North Kansas City	12	0900CST			0	0			Hail (0.88)
Clay County Liberty	12	0904CST			0	0			Hail (1.00)
Clay County Smithville	12	0904CST			0	0			Hail (0.75)
Clay County Liberty	12	0905CST			0	0	200K		Hail (1.75)
Widespread damage to cars and roofs.									
Clay County 2 S Liberty	12	0905CST			0	0	10K		Thunderstorm Wind (G52)
Barn damaged and power poles down 1 mile northeast of the Highway 291 and Highway 210 intersection.									
Clay County Liberty	12	0906CST			0	0	20K		Hail (1.75)
Clay County Liberty	12	0907CST			0	0			Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

March 2006

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									
Clay County Kearney	12	0910CST			0	0			Hail (0.88)
Clay County Missouri City	12	0910CST			0	0			Thunderstorm Wind (G52)
Clay County Excelsior Spgs	12	0912CST			0	0			Hail (1.00)
Clay County Holt	12	0912CST			0	0			Hail (1.00)
Clay County Gladstone	12	1417CST			0	0			Hail (0.75)
Clay County Gladstone	12	1420CST			0	0			Hail (0.88)
Clay County Gladstone	12	1422CST			0	0			Hail (0.75)
Clay County Gladstone	12	1425CST			0	0			Hail (1.75)
Clay County North Kansas City	12	1425CST			0	0	200K		Hail (2.00)
Clay County Liberty	12	1428CST			0	0	750K		Hail (2.50)
									Car dealerships hit hard by afternoon hail storm. Roof damage also noted throughout town.
Clay County Pleasant Vly	12	1429CST			0	0			Hail (1.75)
Clay County Liberty	12	1430CST			0	0			Hail (2.00)
Clay County Kearney	12	1446CST			0	0			Hail (1.00)
Clay County Excelsior Spgs	12	1450CST			0	0	250K		Hail (2.75)
Clay County Gladstone	12	1700CST			0	0			Hail (0.75)
Ray County 2 W Orrick to 2 ESE Richmond	12	0915CST 0935CST	15	150	0	0	400K		Tornado (F1)
									F1 tornado crossed into Ray county from Jackson county at 0915 CST...2 miles west of Orrick. The tornado traveled east and lifted 2 miles southeast of Richmond. A gas station was destroyed in Orrick and the roof to the school was blown off..
Ray County 3 N Richmond	12	0925CST			0	0			Hail (1.75)
Ray County Hardin	12	0945CST			0	0	1K		Thunderstorm Wind (G52)
									Damage to out buildings reported.
Buchanan County St Joseph	12	0936CST			0	0			Hail (1.75)
Buchanan County 2 S St Joseph	12	1050CST			0	0			Hail (0.75)
Buchanan County 2 SW St Joseph	12	1059CST			0	0			Hail (1.25)
Buchanan County St Joseph	12	1100CST			0	0			Hail (1.00)
Carroll County Norborne to 2 E Carrollton	12	0944CST 1005CST	9.6	100	0	0	250K		Tornado (F0)
									F0 tornado touched down around Norborne at 0944 CST and then lifted 2 miles east of Carrollton at 1005 CST. Damage was noted to buildings...trees and power lines.
Carroll County 1 N Carrollton	12	0947CST			0	0	1K		Thunderstorm Wind (G52)
									Roof damage to building on Highway 65.

Storm Data and Unusual Weather Phenomena

March 2006

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									
Holt County									
6 NE Oregon	12	1020CST			0	0			Hail (1.75)
Nodaway County									
2 W Arkoe	12	1040CST			0	0			Hail (0.75)
Nodaway County									
5 S Maryville	12	1045CST			0	0			Hail (0.75)
Randolph County									
2 NNW Huntsville to 8 NE Moberly	12	1046CST 1055CST	10.5	75	0	0			Tornado (F0)
Tornado tracked across rural areas of Randolph county. No significant damage was observed.									
Randolph County									
2 E Higbee to 8 SE Moberly	12	2118CST 2133CST	10.7	300	4	26	5M		Tornado (F3)
Deadly tornado touched down at 2118 CST 2 miles east of Higbee. The tornado traveled northeast and attained F3 strength near the Monroe/Randolph county line. The tornado killed 4 people just to the east and southeast of Renick and there were 26 injuries. 13 of the injuries occurred when a bus transporting college students was overturned. Three businesses were destroyed as well as 30 residences. Thirty other dwelling places had minor to moderate damage. The tornado exited Randolph county into Monroe county at 2133 CST...8 miles southeast of Moberly. M60MH, F57MH, F84PH, M85PH									
Atchison County									
Rockport	12	1056CST			0	0			Hail (0.88)
Gentry County									
6 SE Gentryville	12	1140CST			0	0			Hail (0.75)
Daviess County									
4 SW Pattonsburg	12	1147CST			0	0	1K		Thunderstorm Wind (G52)
Tree blown into trailer.									
Daviess County									
4 S Pattonsburg	12	1150CST			0	0	1K		Thunderstorm Wind (G52)
Power lines reported down.									
Daviess County									
Pattonsburg	12	1154CST			0	0	2K		Thunderstorm Wind (G52)
Power poles reported down along Highway 69.									
Daviess County									
Gallatin	12	1843CST			0	0			Hail (1.50)
Daviess County									
Gallatin	12	1846CST			0	0			Hail (1.75)
Daviess County									
Gallatin	12	1846CST			0	0	50K		Hail (2.50)
Daviess County									
Gallatin	12	1851CST			0	0			Hail (0.88)
Daviess County									
Gallatin	12	1854CST			0	0			Hail (1.00)
Daviess County									
Winston	12	1854CST			0	0			Hail (1.75)
Daviess County									
Gallatin	12	1914CST			0	0			Hail (0.88)
Putnam County									
Unionville	12	1300CST			0	0	200K		Thunderstorm Wind (G52)
\$200,000 in wind damage reported by FEMA from the North Central Missouri Electric Cooperative.									
Bates County									
2 WSW Amsterdam to 1 NW Adrian	12	1424CST 1442CST	14.4	220	0	0	400K		Tornado (F0)
Tornado crossed into Bates county from Linn county Kansas at 1424 CST...2 miles west-southwest of Amsterdam. The F0 tornado caused damage to several buildings in Amsterdam. The tornado then continued northeast over rural areas with damage limited to trees. The tornado then lifted 1 mile northwest of Adrian at 1442 CST.									
Bates County									
Hume	12	1443CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

March 2006

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									
Bates County									
Foster	12	1449CST			0	0			Hail (1.00)
Bates County									
Butler to 2 N Ballard	12	1952CST 2005CST	10	450	0	0	5K		Tornado (F2)
Tornado touched down at 1952 CST just on the north side of Butler...and then proceeded northeast over rural country...before crossing over into Cass county 2 miles north of Ballard at 2005 CST. Damage was limited to trees...power lines...and one barn.									
Bates County									
2 W Butler	12	2010CST			0	0			Hail (1.75)
Cass County									
Drexel	12	1430CST			0	0			Hail (0.88)
Cass County									
1 N Garden City	12	1450CST			0	0			Hail (1.75)
Cass County									
Harrisonville	12	1450CST			0	0			Hail (1.00)
Cass County									
4 N Drexel	12	1847CST			0	0			Hail (1.00)
Cass County									
Raymore	12	1853CST			0	0			Hail (1.00)
Cass County									
Harrisonville	12	1857CST			0	0			Hail (1.00)
Cass County									
Harrisonville	12	1901CST			0	0			Hail (1.00)
Cass County									
Harrisonville	12	1904CST			0	0			Hail (0.75)
Cass County									
Harrisonville	12	1904CST			0	0			Thunderstorm Wind (G62)
Cass County									
Strasburg	12	1915CST			0	0	10K		Thunderstorm Wind (G62)
Thunderstorm wind damage to residence.									
Cass County									
6 SSW Creighton to 2 S Creighton	12	2005CST 2007CST	5	450	0	0	75K		Tornado (F2)
Tornado crossed from Bates county into Cass county...6 miles south-southwest of Creighton at 2005 CST. It moved northeast and exited Cass county into Henry county at 2007 CST...2 miles south of Creighton. F1 damage to several structures was noted.									
Cass County									
Harrisonville	12	2011CST			0	0			Hail (1.75)
Cass County									
Raymore	12	2049CST			0	0			Hail (1.00)
Cass County									
Belton	12	2149CST			0	0			Hail (0.88)
Cass County									
4 N Drexel	12	2201CST			0	0			Hail (1.00)
Cass County									
Peculiar	12	2205CST			0	0			Hail (0.88)
Cass County									
Harrisonville	12	2217CST			0	0			Thunderstorm Wind (G52)
Cass County									
Pleasant Hill	12	2217CST			0	0			Thunderstorm Wind (G52)
Measured at the National Weather Service office.									
Johnson County									
Latour	12	1500CST			0	0			Hail (1.00)
Johnson County									
Latour	12	1506CST			0	0	25K		Thunderstorm Wind (G52)
Damage reported to several buildings in town from thunderstorm wind gusts.									
Johnson County									
Holden	12	1510CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

March 2006

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									
Johnson County									
1 N Warrensburg	12	1522CST			0	0	5K		Thunderstorm Wind (G52)
			Several highway signs down.						
Johnson County									
Warrensburg	12	1524CST			0	0			Hail (1.00)
Johnson County									
1 N Warrensburg	12	1524CST			0	0			Hail (1.00)
Johnson County									
Warrensburg	12	1525CST			0	0			Hail (1.00)
Johnson County									
1 N Warrensburg	12	1526CST			0	0	10K		Hail (1.25)
Johnson County									
2 E Leeton	12	1552CST			0	0			Hail (1.00)
Johnson County									
1 N Montserrat to 2 NNE Warrensburg	12	1951CST 2002CST	7.8	100	0	0			Tornado (F0)
			F0 tornado touched down at 1951 CST in rural areas with minimal damage. The tornado crossed into Pettis county at 2002 CST.						
Johnson County									
5 NE Chilhowee	12	2025CST			0	0			Hail (1.00)
Johnson County									
2 NE Leeton to 1.5 SE Whiteman Afb	12	2040CST 2057CST	12	200	0	4	2M		Tornado (F2)
			Tornado touched down at 2040 CST 2 miles northeast of Leeton...producing F0 damage along PP Highway. As it moved northeast...additional F0 to F1 damage was noted to a farmstead along SE 650th Road. The most intense F2 damage was noted along Y Highway just east of Highway 23...where several homes suffered F2 damage. The tornado crossed into Pettis county at 2057 CST...1.5 miles southeast of Whiteman Air Force Base.						
Johnson County									
5 W Whiteman Afb	12	2042CST			0	0			Hail (0.88)
Johnson County									
2 NW Centerview	12	2240CST			0	0			Thunderstorm Wind (G61)
Caldwell County									
Cowgill	12	1513CST			0	0			Hail (1.50)
Caldwell County									
Cowgill	12	1518CST			0	0	1K		Thunderstorm Wind (G52)
			Trees and power lines down.						
Caldwell County									
5 W Kidder	12	1824CST			0	0			Hail (1.50)
Caldwell County									
2 W Braymer	12	1928CST			0	0			Hail (1.00)
Caldwell County									
Braymer	12	1941CST			0	0			Hail (0.75)
Henry County									
3 W Clinton	12	1525CST			0	0			Hail (0.88)
Henry County									
10 W Clinton	12	1525CST			0	0			Hail (1.75)
Henry County									
Calhoun	12	1546CST			0	0			Hail (0.88)
Henry County									
2 ENE Calhoun to 2 SSE Windsor	12	1550CST 1552CST	4	150	0	0			Tornado (F1)
			Tornado touched down in rural areas of Henry county...2 miles east northeast of Calhoun at 1550 CST. The tornado traveled northeast and crossed over into Benton county at 1552 CST.						
Henry County									
4 W Ulrich to 3 ESE Blairstown	12	2007CST 2025CST	11	450	1	13	500K		Tornado (F2)
			Tornado crossed into Henry county at 2007 CST from Cass county. The tornado produced occasional F2 damage before dissipating 3 miles east southeast of Blairstown at 2025 CST. There was one fatality where a man died after the house was destroyed. M54PH						

Storm Data and Unusual Weather Phenomena

March 2006

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									
Henry County									
Montrose	12	2245CST			0	0			Thunderstorm Wind (G52)
Henry County									
5 SE Clinton	12	2305CST			0	0			Hail (1.25)
Henry County									
Deepwater	12	2335CST			0	0			Hail (0.75)
Livingston County									
Chillicothe	12	1544CST			0	0			Hail (0.88)
Saline County									
2 S Sweet Spgs	12	1545CST			0	0			Hail (1.00)
Saline County									
2 SE Sweet Spgs to 3 E Marshall	12	2009CST 2035CST	17	150	0	6	3M		Tornado (F2)
Tornado crossed into Saline county from Pettis county at 2009 CST. The tornado crossed over Interstate 70 at mile marker 71 at 2012 CST. Six people seeking shelter under a highway overpass were injured. Their cars were crushed when a semi was blown over on top of them. The tornado produced F2 damage just northeast of I-70 where several houses lost their roofs and a church was destroyed. The tornado continued northeast over rural areas and dissipated 3 miles east of Marshall at 2035 CST.									
Saline County									
Sweet Spgs	12	2018CST			0	0	75K		Hail (1.75)
Saline County									
Sweet Spgs	12	2018CST			0	0	2K		Thunderstorm Wind (G61)
Power poles snapped and trees down.									
Saline County									
8 W Arrow Rock	12	2024CST			0	0			Hail (1.75)
Saline County									
6 S Marshall to 4 N Arrow Rock	12	2028CST 2046CST	15	350	0	0	75K		Tornado (F3)
Tornado touched down 6 miles south of Marshall at 2028 CST. It traveled east-northeast and for a time paralleled another tornado to the north before the first one occluded. Little damage was noted along the track until it neared the Howard county line. The tornado merged with another tornado near the Missouri River and quickly produced F3 damage to a farmstead. The tornado then entered Howard county 4 miles north of Arrow Rock at 2046 CST.									
Saline County									
5.6 NNW Nelson to 4 N Arrow Rock	12	2038CST 2045CST	6.4	100	0	0			Tornado (F0)
Satellite tornado developed south of the 2028-2046 CST tornado, then merged with that tornado 2045 CST near the Missouri River. Eyewitness accounts described this merger as visually similar to the 3/13/90 Hesston, Kansas tornado.									
Pettis County									
4 NE La Monte to 2 NE Postal	12	1549CST 1604CST	19	150	0	0			Tornado (F0)
F0 tornado touched down at 1549 CST 4 miles northeast of La Monte and traveled northeast over rural areas...with damage only to trees. The tornado crossed into Cooper county 2 miles northeast of Postal at 1604 CST.									
Pettis County									
8 WSW Manila to 1 W Manila	12	1557CST 1605CST	5	150	0	0			Tornado (F1)
Tornado crossed into Pettis county from Benton county at 1557 CST. Tornado was over rural areas with no significant damage noted. The tornado dissipated at 1605 CST 1 mile west of Manila.									
Pettis County									
6.5 E Green Ridge to 1 SW Smithton	12	1612CST 1625CST	11.2	500	1	6	2.5M		Tornado (F2)
F2 tornado touched down 6.5 miles east of Green Ridge at 1612 CST and moved northeast. The tornado caused the death of one woman...when the trailer she was fleeing was blown on top of her. Another 6 people were injured as well. Numerous homes suffered varying degrees of damage. The tornado lifted one mile southwest of Smithton at 1625 CST. F39MH									
Pettis County									
1 W Sedalia	12	1614CST			0	0			Hail (1.50)
Pettis County									
Sedalia	12	1618CST			0	0	2M		Hail (1.75)
Extensive hail damage noted in Sedalia, where golfball hail piled up into 2 feet drifts. Many roofs in town had to be replaced.									

Storm Data and Unusual Weather Phenomena

March 2006

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									
Pettis County 8 SW Houstonia to 6 WSW Houstonia	12	2002CST 2004CST	1	100	0	0			Tornado (F0)
									F0 tornado entered Pettis county from Johnson county at 2002 CST...8 miles southwest of Houstonia. The tornado was over rural areas before lifting at 2004 CST...6 miles west-southwest of Houstonia.
Pettis County 5 WNW Houstonia to 3 WNW Houstonia	12	2007CST 2009CST	3	150	0	0			Tornado (F2)
									Tornado touched down at 2007CST...5 miles west-northwest of Houstonia and moved into Saline county 3 miles west-northwest of Houstonia at 2009 CST. Tornado was over rural areas with no significant damage noted.
Pettis County 5.8 SW La Monte to 5 SW La Monte	12	2057CST 2100CST	0.8	200	0	0			Tornado (F2)
									F2 tornado crossed from Johnson county into Pettis county at 2057 CST and quickly dissipated. No significant damage was observed as the tornado moved over rural areas.
Pettis County La Monte	12	2059CST			0	0			Hail (1.75)
Pettis County 6 SW Green Ridge	12	2315CST			0	0			Hail (1.75)
Cooper County 3 SSW Blackwater to 4 ENE Blackwater	12	1604CST 1617CST	9	150	0	0	5K		Tornado (F0)
									F0 tornado crossed from Pettis county into Cooper county at 1604 CST...3 miles south-southwest of Blackwater. The tornado moved northeast over rural areas...and dissipated 4 miles east-northeast of Blackwater at 1617 CST. The tornado crossed Interstate 70 near mile marker 88 and blew over a tractor trailer. This closed the west bound lanes of I-70 for a time.
Cooper County 2 W Otterville to 2 WNW Otterville	12	1630CST 1631CST	1	75	0	0			Tornado (F0)
									Brief tornado touchdown noted on PSDA aerial survey. Only some tree damage observed.
Cooper County 8 SE Boonville	12	1641CST			0	0			Hail (0.88)
Howard County New Franklin	12	1630CST			0	0	5K		Thunderstorm Wind (G52)
									Roof damage reported.
Howard County 6 SW Fayette to 3 SW Fayette	12	1633CST 1637CST	3	75	0	0			Tornado (F0)
									Tornado observed by spotters to the southwest of Fayette in rural areas.
Howard County Fayette	12	1634CST			0	0			Hail (1.00)
Howard County 8 SW Glasgow to 2 E Armstrong	12	2046CST 2102CST	20	350	0	0	450K		Tornado (F3)
									Tornado crossed from Saline county into Howard county...8 miles southwest of Glasgow at 2046 CST. F2 damage was noted to several farmsteads to the northwest of Fayette before the tornado dissipated at 2102 CST...2 miles east of Armstrong.
Clinton County Cameron	12	1816CST			0	0			Hail (1.25)
Clinton County Cameron	12	1827CST			0	0			Hail (1.00)
Clinton County 6 W Cameron	12	1830CST			0	0			Hail (0.75)
Clinton County Trimble	12	1916CST			0	0			Hail (1.75)
Grundy County Trenton	12	1840CST			0	0			Hail (0.88)
Grundy County Trenton	12	1843CST			0	0			Hail (1.25)
Grundy County Trenton	12	1922CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

March 2006

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									
Bates County 5 W Butler	12	1920CST			0	0	25K		Hail (2.75)
Bates County Virginia	12	1920CST			0	0	75K		Hail (3.00)
Bates County Adrian	12	1928CST			0	0			Hail (1.75)
Bates County Butler	12	1929CST			0	0			Hail (1.75)
Bates County Altona	12	1940CST			0	0			Hail (1.00)
Lafayette County 3 SW Concordia	12	1957CST			0	0			Hail (0.88)
Lafayette County Concordia	12	1958CST			0	0			Hail (1.00)
Lafayette County 3 SW Concordia	12	2005CST			0	0	25K		Hail (2.50)
Lafayette County Emma	12	2007CST			0	0	300K		Hail (2.75)
			Large hail damaged many automobiles and homes.						
Linn County Brookfield	12	2055CST			0	0			Hail (0.88)
Macon County 4 S Ethel	12	2130CST			0	0			Thunderstorm Wind (G52)
Atchison County 4 E Fairfax	30	1645CST			0	0	25K		Thunderstorm Wind (G61)
			Roof blown off shed. Trees damaged and highway signs snapped off on Highway 46.						
Atchison County Nishnabotna	30	1647CST			0	0	2K		Thunderstorm Wind (G61)
			Barn blown over.						
Atchison County 4 S Rockport	30	1647CST			0	0			Thunderstorm Wind (G61)
			Tractor trailer blown off I-29.						
Nodaway County Skidmore	30	1657CST			0	0	25K		Thunderstorm Wind (G61)
			Several barns damaged and road signs blown down.						
Nodaway County Barnard	30	1920CST			0	0			Hail (0.75)
Nodaway County Barnard	30	1920CST			0	0	25K		Thunderstorm Wind (G52)
Mercer County 7 W Princeton	30	1727CST			0	0			Hail (0.75)
Holt County Mound City	30	1835CST			0	0	2K		Thunderstorm Wind (G52)
			Power lines and trees down. Sheds damaged.						
Jackson County Grandview	30	1845CST			0	0			Thunderstorm Wind (G52)
Jackson County Lees Summit Arpt	30	1849CST			0	0			Thunderstorm Wind (G55)
Jackson County Lees Summit Arpt	30	1856CST			0	0			Thunderstorm Wind (G55)
Jackson County Oak Grove	30	1904CST			0	0			Thunderstorm Wind (G52)
Andrew County 5 SE Fillmore to 5 E Fillmore	30	1910CST 1920CST	5	800	0	8	800K		Tornado (F2)

Tornado touched down southeast of Fillmore and traveled northeast 5 miles before dissipating around Highway 71 and A Highway. Three homes were nearly or completely destroyed and 8 had minor to moderate damage. Eight persons were injured.

Storm Data and Unusual Weather Phenomena

March 2006

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									
Andrew County 5 N Savannah	30	1915CST			0	0			Hail (1.00)
Andrew County Savannah	30	1924CST			0	0			Thunderstorm Wind (G52)
Carroll County 1 N Carrollton	30	1940CST			0	0			Hail (1.50)
Lafayette County Waverly	30	1950CST			0	0			Hail (0.75)
Henry County Urich	30	1951CST			0	0			Hail (0.75)
Johnson County 2 E Chilhowee	30	2000CST			0	0	50K		Hail (1.75)
Johnson County 4 N Chilhowee	30	2004CST			0	0			Hail (0.88)
Johnson County 6 E Leeton to 8 SSE Whiteman Afb	30	2020CST 2024CST	5	50	0	0	5K		Tornado (F0)
F0 tornado touched down 6 miles east of Leeton at 2020 CST...and exited from Johnson county into Pettis county at 2024 CST. Tornado traveled northeast over rural areas of southeastern Johnson county. One barn suffered minor damage.									
Johnson County Warrensburg	30	2028CST			0	0			Hail (0.75)
Harrison County 3 W Hatfield	30	2010CST 2012CST	1	50	0	0			Tornado (F0)
Brief tornado touchdown in open country. Several power flashes noted.									
Pettis County 5 W Green Ridge to 2 NW Green Ridge	30	2024CST 2027CST	4	50	0	0			Tornado (F0)
F0 tornado crossed from Johnson county into Pettis county 5 miles west of Green Ridge at 2024 CST. The tornado dissipated 2 miles northwest of Green Ridge at 2027 CST. No significant damage was observed.									
Pettis County 2 NW Green Ridge to 3 N Sedalia	30	2028CST 2042CST	13.6	75	0	0	450K		Tornado (F1)
Tornado touched down at 2028 CST 2 miles northwest of green Ridge producing damage to trees. The tornado traveled northeast and crossed Highway 50 just west of Sedalia. It produced high end F0 damage to a Morton Building and to a farmstead. Low end F1 damage was noted to a home 3 miles north of Sedalia...just west of Highway 65...where a modular home lost its roof and a large calenabra on a broadcast tower was bent. The tornado damaged a total of 57 homes, with one being completely destroyed. The tornado lifted after this at 2042 CST.									
Adair County Kirksville	30	2044CST			0	0			Thunderstorm Wind (G57)
Measured gust at television station KTVO.									
Macon County Macon	30	2115CST			0	0			Hail (0.75)
Macon County 5 W Callao	30	2120CST			0	0	1K		Thunderstorm Wind (G52)
Shed and grain bin damaged.									
Cooper County Boonville	30	2121CST			0	0			Hail (0.75)
Cooper County Otterville	30	2135CST			0	0			Hail (0.75)
Cooper County Boonville	30	2136CST			0	0			Hail (0.75)
Howard County Fayette	30	2121CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

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									
Butler County Countywide	09 10	0015CST 1600CST			0	0			Flood
	Flooding of streets and highways was reported in Poplar Bluff and throughout the county. Several city streets were closed in Poplar Bluff. A car wound up in a flooded ditch after trying to navigate a flooded street. In rural parts of the county, Highway 158 east of Harviell was covered with floodwaters for more than one mile. The road was barricaded by road workers. On County Road 558, a motorist was assisted from his truck after he lost sight of the flooded road and went into a flooded ditch. Water was over the road near the intersection of Highway 142 and Highway EE, making travel nearly impossible.								
Carter County 7 SE Ellsinore	09	0530CST 0900CST			1	0	25K		Flash Flood
	Flash flooding of Ten Mile Creek caused the death of a 57-year-old man. The man drowned when the flat bed truck he was driving was swept off the road as he was attempting to cross the creek. The incident occurred on a private gravel road off Highway B. The truck was swept downstream about 50 yards and overturned in the creek, resting upside down. The body was recovered still in the truck. The incident was estimated to have happened around 6 A.M. CST when he attempted to drive across the creek to a hog barn. M57VE								
Butler County 4 SW Quilin to 5 SW Quilin	09	0645CST			0	0	6K		Thunderstorm Wind (G60)
	The roofs were blown off a mobile home and a barn.								
Wayne County Williamsville to Silva	09	1015CST 1400CST			0	0			Flash Flood
	A couple of state roads were closed by flooding, including Route C near Silva and Route FF near Greenville.								
Ripley County Countywide	09	1041CST 1330CST			0	0			Flash Flood
	Flooding occurred on many roads north of Doniphan. Low water crossings on Highway NN and K Highway were impassable.								
Butler County 5 W Fisk	09	1115CST			0	0	20K		Thunderstorm Wind (G52)
	Several outbuildings were destroyed. A garage was destroyed, damaging the vehicle within. Shingles were blown off a home. A carport was blown over.								
Stoddard County 7 W Bloomfield	09	1132CST			0	0			Hail (0.75)
Cape Girardeau County Countywide	09	1133CST 1400CST			0	0	30K		Flash Flood
	Widespread flash flooding of streets occurred in Cape Girardeau. Several streets were temporarily closed. Some motorists attempted to drive around the barricades and became stranded. Kings Highway was flooded. A city church was flooded when drainage culverts clogged. A city resident experienced severe basement flooding. In Jackson, where 5.25 inches of rain was reported, City Park experienced flooding due to Hubble Creek. All bridges over the creek were impassable. Elsewhere across the county, Route A was closed between Route U and Whitewater. Ditches and small creeks were flooded.								
Bollinger County Countywide	09	1200CST 1400CST			0	0			Flash Flood
	Flash flooding of Crooked Creek prompted the evacuation of some low-lying residences in Marble Hill. A stretch of Highway 34 was under water in Marble Hill. Numerous county roads were covered with water. All county schools dismissed early.								
Ripley County Doniphan to Fairdealing	09	1656CST 1700CST			0	0			Hail (0.88)
	A severe thunderstorm produced a swath of nickel-size hail across central and eastern Ripley County.								
Stoddard County Countywide	09	1736CST 1751CST			0	0	20K		Thunderstorm Wind (G52)
	Numerous trees were downed in Bloomfield. A large elm tree fell on top of a home. A number of streets were blocked by fallen trees. In Dexter, a spotter estimated gusts to 60 MPH, where tree and minor roof damage was reported. In Bernie, trees and power lines were blown down.								

Storm Data and Unusual Weather Phenomena

March 2006

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

Stoddard County

1.2 WNW Dexter to 1.1 NW Dexter	09	1744CST 1747CST	1.2	175	0	0	900K		Tornado (F1)
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The tornado nearly paralleled U.S. Route 60 in a commercial district just north of downtown Dexter. At the beginning of the damage path, a Wal-Mart store and a car dealership were struck. The Wal-Mart sustained significant damage to its roof and auto shop bay doors. Between the Wal-Mart and the car dealership, light standards anchored by concrete three feet into the ground were pulled out. At the car dealership, about 50 cars were damaged by wind-blown debris and hail, with windows broken. At a mobile home dealership, an unsecured mobile home trailer was turned on its side and pushed next to another trailer. A church lost its steeple and 4 to 6 feet of its roof, and brick fascia was damaged. A second church near Highway 60 sustained damage to the upper portions of the front wall. A restaurant next to the church sustained structural damage when the upper portion of a wall was blown in. Two residences received moderate damage, and a heavy equipment shed was blown down. A motel reported that eight units lost parts of their roofs. Several billboards on Highway 60 were heavily damaged. A utility pole was snapped off. Peak winds were estimated near 80 MPH. Much of the damage occurred underneath the location of a funnel cloud that was photographed by a citizen. The condensation portion (or visible portion) of the funnel cloud was not touching ground in the photo. A second weaker and shorter-lived vortex touched down within a mile to the north-northwest, causing relatively slight damage to a few structures.

Stoddard County

Dexter	09	1746CST			0	0			Hail (0.75)
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Scott County

Sikeston to Miner	09	1810CST 1823CST			0	1	200K		Thunderstorm Wind (G65)
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In the Sikeston area, a semi-trailer was overturned on U.S. Highway 60. A steeple was blown off a church onto a roadway. Numerous trees and power lines were down. A large tree toppled onto a car and a house. One man was injured when a tree fell into his house and broke his ankle. Awnings were blown off and windows were broken at a nursing home. A mobile home manufacturer reported damage to the roof and overhead doors. Numerous mobile homes were overturned. Two mobile homes were destroyed, three sustained severe damage, and several were moderately damaged. A nursery greenhouse was destroyed. Signs in front of businesses were damaged. At Miner, a roof was blown off, and a barn was destroyed. Scott County was designated a federal disaster area, enabling individual residents to apply for relief.

New Madrid County Countywide

	09	1815CST 1825CST			0	4	200K		Thunderstorm Wind (G60)
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Four people were treated at a local hospital for minor injuries when their mobile home was destroyed near Portageville. Another trailer was overturned near Catron. The occupants of that trailer were not treated for injuries. Numerous trees and power lines were blown down throughout the county. Several homes were damaged by tree limbs falling on them, mostly in Lilbourn and Marston. At least one home in Marston and a mobile home in Lilbourn were uninhabitable after trees landed on them. Shingles were blown off at least several other homes. Fences, barns, and sheds were damaged around the county. Parts of the city of New Madrid remained without power through the following day, which resulted in school closings. New Madrid County was designated a federal disaster area, enabling individual residents to apply for relief.

Mississippi County Countywide

	09	1820CST 1830CST			0	0	250K		Thunderstorm Wind (G61)
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Extensive damage occurred throughout the city of East Prairie, where a wind gust to 70 MPH was estimated by a spotter. The city hall was partially unroofed, and a communications tower was blown down onto the building. Bricks were blown off the wall of a nearby shop building. Parts of the roof were blown off an auto parts business. Another building lost a large front window. Minor roof damage occurred to numerous structures. Two baseball dugouts were demolished. Numerous tree limbs, power poles, and power lines were blown down. A trailer home was destroyed by a fallen tree off Highway 80 east of East Prairie. Close to Anniston, power poles were blown over on Highway 105 near the intersection of Highway 75. At a trailer park on Highway 105, one trailer was torn open, metal siding was peeled off another, and a third was shifted off its foundation. At a nearby farm store, a large tank was blown through a fence and across Highway 105. A trampoline was wrapped around a tree just west of Anniston. The entire town of Anniston was without power for about 24 hours. The utility company serving the county reported at least 100 poles were broken off, including two 55-foot transmission poles carrying a main feeder line. In Charleston, Wyatt, and Bertrand, damage was relatively minor. Shingles were blown off roofs, and tree limbs were down. In the Wolf Island area, signs were downed, and irrigation systems were blown over. In Dogwood, the gazebo was damaged. Sheds and barns were damaged or destroyed around the county. Schools were closed the following day due to power outages. Mississippi County was designated a federal disaster area, enabling individual residents to apply for relief.

Mississippi County

6 S Charleston	09	1825CST			0	0			Hail (1.00)
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Cape Girardeau County

1 NE Cape Girardeau	09	1827CST			0	0	5K		Thunderstorm Wind (G54)
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A spotter measured a wind gust to 62 MPH. Two small travel trailers were blown over. One person was trapped inside but not injured.

Storm Data and Unusual Weather Phenomena

March 2006

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									
Butler County									
Poplar Bluff	10	0600CST 2000CST			0	0			Flood
Minor flooding of the Black River occurred after repeated episodes of thunderstorms. At Poplar Bluff, where flood stage is 16 feet, the river crested at 16.80 feet. This resulted in minor flooding of bottomland and surrounding low-lying areas.									
Wayne County									
Patterson	10	0900CST 2300CST			0	0			Flood
Minor flooding of the St. Francis River occurred after repeated episodes of widespread thunderstorms. At Patterson, where flood stage is 16 feet, the river crested at 16.01 feet. This resulted in minor flooding of bottomland and surrounding low-lying areas.									
Cape Girardeau County									
Oak Ridge	11	0245CST			0	0			Hail (0.75)
Cape Girardeau County									
Jackson	11	0550CST			0	0			Hail (0.75)
Perry County									
4.8 WNW Brewer to 4.8 NW Mc Bride	11	2120CST 2147CST	7	400	2	10	1M		Tornado (F3)
The tornado entered Perry County from Ste. Genevieve County near Highway NN and just west of the community of Giboney. The tornado moved northeast, crossing Interstate 55 only about one-half mile from the Ste. Genevieve County line. Two fatalities and F3 damage occurred in the vicinity of where the tornado crossed U.S. Route 61. The two fatalities occurred on U.S. 61, where a vehicle was picked up and thrown into a propane tank. The truck in which they were riding was likely picked up, flipped over, and slammed into the ground several times. The coroner stated that the victims died instantly. One of the victims was ejected from the truck, which then struck the top of a large propane tank. Because of the ensuing propane leak, the victim still in the truck could not be removed until the following day, when the propane was off-loaded from the tank. Both of the victims in the vehicle were residents of a mobile home who were trying to flee the tornado. The home from which they fled sustained only minor damage. At least four other people were significantly injured as they were picked up by tornadic winds and hurled 100 yards. Their injuries were compounded by wind-blown debris. Eight victims were admitted to a local hospital to remove debris which penetrated their bodies, and two others were sent to regional hospitals for serious injuries. Three mobile homes were flattened, a brick house had its roof and several walls blown off, and numerous vehicles were tossed around. A total of about a dozen residences were destroyed or severely damaged in Perry County. Perry County was designated a federal disaster area, enabling individual residents to apply for relief. The dashboard camera in a sheriff deputy's patrol car captured the tornado on film as it crossed U.S. 61 at F3 intensity. Peak winds were estimated near 170 MPH. The tornado crossed into Randolph County, Illinois at Old River, near some railroad tracks about 1.5 miles southeast of St. Marys. M40VE, F49VE									
Carter County									
Fremont	12	0100CST			0	0			Hail (1.25)
Wayne County									
1 N Piedmont	12	0130CST			0	0			Hail (1.75)
Carter County									
Van Buren	12	0305CST			0	0			Thunderstorm Wind (G50)
Downed trees were reported.									
Wayne County									
Piedmont	12	0332CST			0	0			Thunderstorm Wind (G50)
Gusts from 55 to 60 MPH were estimated by law enforcement officials.									
Cape Girardeau County									
Jackson	12	0434CST			0	0			Hail (0.88)
Gusts were measured from 45 to 55 MPH.									
Wayne County									
Piedmont to 4 NE Piedmont	13	0220CST 0222CST			0	0	10K		Hail (3.00)
A supercell thunderstorm dropped hail slightly larger than baseballs on Highway DD, about 4 miles northeast of Piedmont. In Piedmont, hail was the size of half dollars. Greenhouses were heavily damaged by hail that penetrated their heavy plastic sheeting.									
Bollinger County									
2 E Glennon	13	0300CST			0	0			Thunderstorm Wind (G60)
Numerous large trees were downed and uprooted, including some thrown into a nearby creek.									

Storm Data and Unusual Weather Phenomena

March 2006

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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MISSOURI, Southwest

MOZ055-066>068-077>080-088>091-093>095-101>104 **Benton - Vernon - St. Clair - Hickory - Barton - Cedar - Polk - Dallas - Jasper - Dade - Greene - Webster - Newton - Lawrence - Christian - McDonald - Barry - Stone - Taney**

01	0000CST				0	0			Drought
31	2359CST								

All time record dry conditions for the month of February were experienced at both Springfield and Joplin as less than one tenth of an inch of precipitation fell at both ASOS locations. Springfield recorded a total of 0.09 inches while Joplin only recorded 0.01 inches. Southwest and west central Missouri had already been experiencing drought conditions going into the month of February, therefore these low rainfall totals increased the intensity of the drought heading into March. Areas along and west of a line from Kimberling City to Osceola Missouri were upgraded into an extreme drought according to the United States Drought Monitor. Areas to the immediate east of a line from Kimberling City to Osceola Missouri were analyzed as experiencing a severe drought including, Taney, Christian, Greene, Webster, Polk, Dallas, Hickory, and Benton counties. The region eventually experienced a few rounds of moderate to heavy rain through the month of March, which began to alleviate the severe and extreme drought situations across southwest Missouri.

Barton County

Lamar	08	0430CST			0	0			Hail (0.75)
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Polk County

Half Way	08	0515CST			0	0			Hail (1.75)
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Polk County

Pleasant Hope	08	0525CST			0	0			Hail (0.75)
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Polk County

3 S Half Way	08	0525CST			0	0			Hail (0.75)
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Dallas County

Buffalo	08	0545CST			0	0			Hail (0.75)
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Dallas County

Charity	08	0554CST			0	0			Hail (0.88)
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Shannon County

3 SW Winona	09	0500CST			0	0	25K		Thunderstorm Wind (G55)
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Severe thunderstorm wind gusts damaged a few roofs and knocked down power poles in a rural area southwest of Winona.

Ozark County

Gainesville	09	1555CST			0	0			Thunderstorm Wind (G50)
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Severe thunderstorm wind gusts downed a few trees along Highway 5 near Gainesville.

Ozark County

5 N Bakersfield	09	1610CST			0	0			Thunderstorm Wind (G50)
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Severe thunderstorm wind gusts downed trees in a rural area north of Bakersfield.

Howell County

West Plains	09	1615CST			0	0			Thunderstorm Wind (G50)
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Oregon County

Thayer	09	1635CST			0	0			Thunderstorm Wind (G50)
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Severe thunderstorm wind gusts downed a few trees in the communities of Thayer and Thomasville.

Howell County

West Plains	09	1639CST			0	0	5K		Thunderstorm Wind (G55)
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Severe thunderstorm wind gusts downed a few power poles and several trees in the city of West Plains.

Shannon County

Winona	09	1700CST			0	0	10K		Thunderstorm Wind (G55)
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Severe thunderstorm down burst winds downed a few power poles and destroyed a roof off of a pavillion in a city park. A roof off of bleachers next to a baseball diamond was also destroyed.

Howell County

West Plains	11	1156CST			0	0			Hail (1.75)
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McDonald County

Noel	11	1429CST			0	0			Hail (0.75)
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McDonald County

Noel	11	1429CST			0	0			Hail (0.88)
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McDonald County

Noel	11	1439CST			0	0			Hail (1.00)
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Morgan County

Stover	11	1457CST			0	0			Hail (0.88)
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Storm Data and Unusual Weather Phenomena

March 2006

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>									
Morgan County									
Stover	11	1458CST			0	0			Hail (1.75)
Barry County									
Seligman	11	1530CST			0	0			Hail (0.88)
Newton County									
3 S Neosho	11	1530CST			0	0			Hail (0.75)
Barry County									
Seligman	11	1530CST			0	0			Hail (0.88)
Barry County									
1 S Seligman	11	1545CST			0	0			Hail (1.75)
Barry County									
4 E Eagle Rock	11	1604CST			0	0			Hail (1.00)
Barry County									
Eagle Rock	11	1615CST			0	0			Hail (1.75)
Newton County									
3 S Neosho	11	1630CST			0	0			Hail (0.88)
Newton County									
3 S Neosho	11	1630CST			0	0			Hail (0.75)
Taney County									
Branson	11	1635CST			0	0			Hail (1.50)
Taney County									
2 SW Branson to 3 NW Forsyth	11	1635CST 1658CST	8	20	0	0			Tornado (F0)
A small tornado caused intermittent weak damage across western Taney County. The tornado touched down in an area between Branson and Table Rock Lake, and tracked into the community of Merriam Woods. Only minor damage to trees and power poles were observed.									
Taney County									
Hollister	11	1636CST			0	0			Thunderstorm Wind (G50)
A few trees were damaged from severe thunderstorm wind gusts.									
Taney County									
1 NE Branson	11	1645CST			0	0			Hail (2.50)
Taney County									
1 NW Forsyth	11	1645CST			0	0			Hail (1.75)
Taney County									
Taneyville	11	1650CST			0	0			Hail (0.88)
Newton County									
Neosho	11	1657CST			0	0			Hail (0.88)
Mcdonald County									
6 NW Anderson	11	1710CST			0	0			Hail (1.75)
Taney County									
1 NE Branson	11	1715CST			0	0			Hail (2.50)
Douglas County									
1 S Goodhope	11	1715CST			0	0			Hail (0.88)
Douglas County									
1 S Goodhope	11	1717CST			0	0			Hail (1.00)
Douglas County									
7 S Ava	11	1720CST			0	0			Hail (1.75)
Douglas County									
Ava	11	1720CST			0	0			Hail (0.75)
Newton County									
Neosho	11	1720CST			0	0			Hail (0.75)
Douglas County									
Squires	11	1725CST			0	0			Hail (1.75)
Wright County									
1 S Mansfield	11	1730CST			0	0			Hail (0.75)
Wright County									
Norwood	11	1743CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
McDonald County									
South West City	11	1744CST			0	0			Hail (0.75)
McDonald County									
Anderson	11	1745CST			0	0			Hail (1.75)
Wright County									
Norwood	11	1747CST			0	0			Hail (1.00)
Douglas County									
3 N Vanzant	11	1750CST 1751CST	0.1	20	0	0	15K		Tornado (F0)
									A weak tornado briefly touched down and flipped over a mobile home in a rural section of northeast Douglas County.
Douglas County									
8 W Vanzant	11	1755CST			0	0			Hail (0.75)
McDonald County									
Anderson	11	1755CST			0	0			Hail (1.75)
Greene County									
Ash Grove	11	1801CST			0	0			Hail (1.00)
Greene County									
Springfield	11	1805CST			0	0			Hail (1.00)
Texas County									
Cabool	11	1809CST			0	0			Hail (1.75)
Polk County									
Pleasant Hope	11	1820CST			0	0			Hail (0.75)
Jasper County									
Sarcoxie	11	1820CST			0	0			Hail (1.00)
Texas County									
Cabool	11	1820CST			0	0			Hail (1.75)
Texas County									
2 E Eunice	11	1828CST			0	0			Hail (1.25)
Wright County									
Norwood	11	1838CST			0	0			Hail (1.75)
Laclede County									
Conway	11	1840CST			0	0			Hail (1.75)
Polk County									
Morrisville	11	1855CST			0	0			Hail (0.88)
Christian County									
Billings	11	1858CST			0	0			Hail (0.75)
Greene County									
2 W Republic	11	1903CST			0	0			Hail (1.00)
Greene County									
Republic	11	1905CST			0	0			Hail (0.88)
Polk County									
3 S Eudora	11	1905CST			0	0			Hail (0.75)
Greene County									
Walnut Grove	11	1905CST			0	0			Hail (1.00)
Laclede County									
Conway	11	1906CST			0	0			Hail (0.88)
Greene County									
Brookline	11	1911CST			0	0			Hail (0.88)
Greene County									
Springfield	11	1914CST 1925CST			0	0			Hail (1.75)
Texas County									
7 S Houston	11	1922CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm wind gusts blew a tree over Malburg Road in rural southern Texas County.
Shannon County									
2 N Eminence	11	1924CST			0	0			Thunderstorm Wind (G50)
									Trees were damaged from thunderstorm wind gusts.

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Shannon County									
Round Spg	11	1943CST			0	0			Hail (1.00)
Dallas County									
Windyville	11	1943CST			0	0			Hail (0.75)
Phelps County									
3 S Rolla	11	1945CST			0	0			Hail (1.00)
Polk County									
Fair Play	11	1946CST			0	0			Hail (1.00)
Phelps County									
Edgar Spgs	11	1947CST			0	0			Thunderstorm Wind (G55)
Dade County									
4 SE Greenfield	11	1950CST			0	0			Hail (0.75)
Phelps County									
Vida to 3 E Vida	11	1950CST 1956CST	3	25	0	0			Tornado (F0)
A tornado caused weak tree damage in a rural section of Phelps County south of Rolla.									
Laclede County									
1 S Conway	11	1952CST			0	0			Hail (0.75)
Dade County									
Pennsboro	11	1952CST			0	0			Hail (1.75)
Webster County									
Marshfield	11	1956CST			0	0			Hail (0.88)
Phelps County									
8 S Rolla	11	2000CST			0	0			Hail (1.75)
Polk County									
2 SE Eudora	11	2001CST			0	0			Hail (0.75)
Phelps County									
5 NW Beulah	11	2002CST			0	0			Hail (4.25)
Phelps County									
7 NE Rolla	11	2005CST			0	0			Hail (1.50)
Dade County									
Lockwood	11	2014CST			0	0			Hail (0.75)
Polk County									
Bolivar	11	2019CST			0	0			Hail (0.75)
Dallas County									
4 N Louisburg	11	2025CST			0	0			Hail (1.00)
Douglas County									
5 SW Ava	11	2045CST			0	0			Hail (0.75)
Polk County									
1 E Bolivar	11	2046CST			0	0			Hail (0.75)
Phelps County									
5 NW Beulah	11	2048CST			0	0			Hail (1.00)
Polk County									
Bolivar	11	2049CST			0	0			Hail (1.00)
Dallas County									
Louisburg	11	2049CST			0	0			Hail (1.00)
Laclede County									
Bennett Spgs	11	2050CST			0	0			Hail (0.75)
Phelps County									
Edgar Spgs	11	2052CST			0	0			Hail (1.25)
Laclede County									
Eldridge	11	2056CST			0	0			Hail (1.00)
Ozark County									
Gainesville	11	2104CST			0	0			Hail (0.88)
Dent County									
5 N Salem	11	2113CST			0	0			Hail (1.75)

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March 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
MISSOURI, Southwest									
Dent County									
Salem	11	2119CST			0	0			Hail (0.88)
Pulaski County									
Devils Elbow	11	2145CST			0	0			Hail (1.00)
Christian County									
Linden	11	2202CST			0	0			Hail (1.75)
Webster County									
Rogersville	11	2203CST			0	0			Hail (1.75)
Taney County									
4 NE Protom	11	2240CST			0	0			Hail (1.25)
Ozark County									
3 W Isabella	11	2250CST			0	0			Hail (0.75)
Howell County									
Pottersville	11	2329CST			0	0			Hail (1.75)
Texas County									
1 W Cabool	11	2338CST			0	0			Hail (0.88)
Howell County									
Pottersville	11	2342CST			0	0			Hail (1.75)
Howell County									
4 W West Plains	11	2343CST			0	0			Hail (1.75)
Stone County									
Blue Eye	12	0000CST			0	0			Hail (1.00)
Taney County									
Rockaway Beach	12	0015CST			0	0			Hail (1.50)
Oregon County									
Thomasville	12	0022CST			0	0			Hail (0.88)
Ozark County									
Wasola	12	0107CST			0	0			Hail (0.75)
Ozark County									
3 S Wasola	12	0110CST			0	0			Hail (0.88)
Wright County									
4 N Mansfield	12	0129CST			0	0			Hail (1.00)
Barry County									
Seligman	12	0130CST			0	0			Hail (1.00)
Benton County									
5 W Brandon to 1 NW Brandon	12	1552CST 1557CST	4	100	0	0	100K		Tornado (F1)
This tornado is an extension of the Henry County tornado that eventually tracked into Pettis County following its track through far northwest Benton County. Damage to a few homes and barns along with trees and power poles occurred.									
Morgan County									
Florence	12	1625CST			0	0	10K		Thunderstorm Wind (G60)
Severe thunderstorm wind gusts downed two grain bins along Friday Road near the community of Florence.									
Barton County									
Mindenmines	12	2045CST			0	0			Thunderstorm Wind (G50)
Vernon County									
3 E Sheldon to 12 E Milo	12	2047CST 2100CST	11	100	0	2	700K		Tornado (F1)
A supercell thunderstorm produced a tornado that intially touched down east of Sheldon. The tornado tracked across rural southeast Vernon County, destroying six homes, and one church located near Virgil City. The tornado extended into Cedar County.									
Cedar County									
9 SSW El Dorado Spgs 11 E El Dorado Spgs	12	2100CST 2117CST	16	300	1	5	800K		Tornado (F2)
This tornado is a continuation of the Vernon County tornado. The tornado increased in intensity as it tracked across Cedar County. 47 structures were damaged and 26 were destroyed including homes and businesses. Five injuries and one fatality resulted. A 77 year old man died six days later in the hospital from blunt trauma injuries he sustained from flying debris. He apparently was attempting to move into his basement as the tornado struck his frame home near Virgil City. The tornado exited Cedar County east of Cedar Springs and continued into St. Clair County. M77PH									

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Southwest									
Barton County									
1 S Boston	12	2115CST			0	0			Hail (1.00)
St. Clair County									
6 S Roscoe to 2 SSE Vista	12	2117CST 2129CST	11	75	0	0	150K		Tornado (F0)
This tornado is a continuation of the Cedar County tornado. The tornado weakened to F-1 status as it tracked across a portion of southern St. Clair County. Four structures were damaged and one house was destroyed. Most of the damage was to trees along with a few power lines.									
Barton County									
Boston to 6 N Golden City	12	2118CST 2132CST	12	50	0	0			Tornado (F0)
The tornado caused weak intermittent tree damage across rural sections of southern and eastern Barton County. No structures were damaged or destroyed and the tornado eventually crossed into Dade County.									
Newton County									
2 S Neosho	12	2123CST			0	0			Hail (0.75)
Newton County									
8 SW Neosho to 1 W Neosho	12	2125CST 2135CST	7	75	0	1	200K		Tornado (F1)
A supercell thunderstorm tracked out of Ottawa County, Oklahoma and into Newton County, Missouri. The storm spawned a tornado approximately 8 miles SW of Neosho and damaged around 40 structures across rural sections of the county. The tornado also struck a turkey farm killing around 200 turkeys prior to lifting approximately one mile west of Neosho.									
Dade County									
10 NW Lockwood to 2 NNE Arcola	12	2132CST 2150CST	14	35	0	0			Tornado (F0)
This tornado is a continuation of the Barton County tornado. The tornado caused intermittent weak tree damage across rural sections of northwest Dade County. The tornado crossed the Cedar County line approximately two miles north northeast of Arcola prior to dissipating.									
St. Clair County									
Osceola	12	2135CST			0	0			Thunderstorm Wind (G60)
Newton County									
Neosho	12	2136CST	0.1	15	0	0	10K		Tornado (F0)
From the same supercell thunderstorm that produced the F-1 tornado across rural southwest Newton County, a weak tornado briefly touched down in a neighborhood on the western edge of Neosho. One house sustained significant roof damage.									
Cedar County									
7 W Cane Hill to 5 ESE Arnica	12	2150CST 2206CST	17	50	0	0			Tornado (F0)
This is a continuation of the Dade County tornado. The tornado continued to produce weak intermittent tree damage across southeast Cedar County, eventually crossing into Polk County southeast of Arnica.									
Barry County									
Monett	12	2154CST			0	0			Hail (1.50)
Barton County									
Kenoma	12	2155CST			0	0			Thunderstorm Wind (G50)
Lawrence County									
3 E Pierce City	12	2200CST			0	0			Hail (1.75)
Greene County									
Springfield	12	2205CST			0	0			Hail (1.75)
Polk County									
5 SSW Humansville to 3 ENE Humansville	12	2206CST 2215CST	8	35	0	0			Tornado (F0)
This is a continuation of the Cedar County tornado. The tornado continued to produce weak intermittent tree damage across northwest Polk County. No structures were damaged. The tornado eventually tracked into Hickory County east northeast of Humansville.									
Polk County									
Humansville	12	2211CST			0	0			Hail (1.00)
Hickory County									
6 SW Elkton to 5 ESE Weaubleau	12	2215CST 2223CST	6	35	0	0			Tornado (F0)
This is a continuation of the Polk County tornado. The tornado continued to produce intermittent tree damage across southwest Hickory County, and eventually lifted in a rural area between Weaubleau and Elkton.									

Storm Data and Unusual Weather Phenomena

March 2006

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

Lawrence County

1 N Verona to 2 N Marionville	12	2215CST 2225CST	10	200	1	1	5M		Tornado (F3)
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A supercell thunderstorm that produced a tornado in Newton County, spawned a large tornado in Lawrence County approximately one mile north of Verona. The tornado damaged 46 structures and destroyed 21. One fatality occurred from flying debris striking an elderly man in his frame home north of Marionville. This tornado basically followed a similar path that another F-3 tornado tracked along during the 4 May 2003 tornado outbreak.
M66PH

Hickory County

8 SW Hermitage to 5 NE Preston	12	2217CST 2237CST	17	200	0	19	1M		Tornado (F3)
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A large tornado touched down over rural southwest Hickory County and tracked near the Pomme De Terre lake damn. The tornado eventually tore through an intersection known as Carsons Corner causing significant structural damage along with 19 injuries.

Morgan County

3 SW Gravois Mills	12	2220CST 2230CST	6	100	0	5	850K		Tornado (F2)
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A tornado initially touched down southwest of Gravois Mills and tracked through the city. 20 homes were destroyed while another 10 were damaged. This tornado was spawned from the same cyclic supercell that produced tornadoes back in Hickory, Polk, Dade, and Barton counties.

Christian County

8 W Clever to 3 NNE Nixa	12	2225CST 2244CST	17	250	0	3	50M		Tornado (F3)
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This tornado is a continuation of the Lawrence County tornado. Significant structural damage occurred across the Christian County panhandle in a rural area between Billings and Clever. This area was also heavily impacted by the 4 May 2003 tornado. A subdivision with solid well built homes northwest of Nixa was directly impacted by the tornadoes destruction. 138 structures were damaged while 127 structures were destroyed. The tornado weakened as it tracked into southern Greene County, impacting southern sections of the city of Springfield.

Barry County

4 E Eagle Rock	12	2230CST			0	0			Hail (1.00)
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Barry County

Golden	12	2230CST			0	0			Hail (1.00)
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Greene County

3 SW Springfield	12	2235CST			0	0			Hail (1.75)
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Greene County

Springfield	12	2236CST			0	0			Hail (1.00)
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Greene County

Springfield	12	2237CST 2304CST			0	0			Hail (3.00)
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A supercell thunderstorm that produced a tornado across Christian County and eventually Greene County, produced hail across much of the city of Springfield for several minutes.

Greene County

3 SE Battlefield	12	2244CST 2300CST	15	75	0	4	650K		Tornado (F2)
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This tornado is a continuation of the Christian and Lawrence County tornado. The tornado tracked across extreme southern Springfield causing damage to approximately 27 homes. None of the homes or structures were completely destroyed. The tornado quickly became weaker and only produced intermittent tree damage from Highway 65 over to the Webster County line.

Stone County

7 SW Lampe to 2 SSW Lampe	12	2255CST 2302CST	5	75	0	0			Tornado (F1)
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This tornado is a continuation of the Carroll County Arkansas tornado. A five mile swath of tree damage occurred across extreme southern Stone County on the south end of Table Rock Lake.

Webster County

4 NW Fordland to 7 N Diggins	12	2303CST 2313CST	7	150	0	13	700K		Tornado (F2)
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Webster County

6 N Diggins to 10 SE Niangua	12	2315CST 2325CST	9	200	0	0			Tornado (F3)
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This tornado was spawned from the same cyclic supercell that produced a tornado across Lawrence, Christian, and Greene counties. A large tornado touched down northwest of Fordland and lifted approximately 7 miles north of Diggins in rural central Webster County. While this initial tornado was dissipating, a second tornado was in the process of forming, eventually touching down six

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					Killed	Injured	Property	Crops	
MISSOURI, Southwest									
miles north of Diggins, and tracking into Wright County. The two tornadoes were responsible for 13 injuries while damaging 48 structures and destroying 17.									
Morgan County Gravois Mills	12	2309CST			0	0			Hail (1.75)
Taney County Hollister	12	2311CST			0	0			Hail (1.75)
Webster County Marshfield	12	2313CST			0	0			Hail (1.00)
Jasper County 2 N Asbury	12	2315CST			0	0			Thunderstorm Wind (G50)
Taney County 1 NW Forsyth	12	2316CST			0	0			Hail (0.75)
Taney County Branson	12	2317CST			0	0	500K		Hail (2.50)
Baseball size hail caused damage to roofs and vehicles within a section of Branson.									
Taney County Branson	12	2317CST			0	0			Hail (1.00)
Benton County 2 W Cole Camp to 1 N Cole Camp	12	2325CST 2329CST	3	20	0	0	50K		Tornado (F0)
A weak tornado touched down two miles west of Cole Camp and tracked across rural areas northwest of the city. A few barns and outbuildings were damaged prior to the tornado dissipating near Highway JJ.									
Wright County 11 WNW Hartville to 17 NNE Hartville	12	2325CST 2345CST	20	100	0	0	450K		Tornado (F2)
This tornado is a continuation of the second Webster County tornado that crossed into Wright County approximately one mile north of Duncan. The tornado continued to produce significant structural damage across rural northwest Wright County. The tornado eventually crossed into Laclede County near the community of Competition. 23 structures were damaged while six structures were completely destroyed.									
Taney County Hollister	12	2330CST			0	0			Hail (1.75)
Morgan County 5 W Florence to 3 N Florence	12	2331CST 2337CST	6	100	0	0			Tornado (F0)
This tornado is a continuation of the Pettis County tornado that crossed into Morgan County west of Florence. The tornado left a six mile swath of damage across the extreme northern section of the county. Only minor tree damage was observed from the storm survey.									
Wright County 2 W Grovespring	12	2331CST 2336CST			0	0			Hail (1.75)
Jasper County Joplin	12	2335CST			0	0			Hail (1.75)
Laclede County Competition to 3 NE Competition	12	2345CST 2349CST	3	35	0	0	80K		Tornado (F0)
This tornado is a continuation of the Wright County tornado that crossed into Laclede County near the community of Competition. The tornado left a three mile swath of damage across rural southeast Laclede County damaging six homes and destroying none. This long tracked tornado finally lifted three miles northeast of Competition.									
Ozark County 1 S Noble	12 13	2357CST 0005CST			0	0			Hail (1.75)
Greene County Ash Grove	13	0025CST			0	0			Hail (1.00)
Dallas County Buffalo	13	0025CST			0	0			Thunderstorm Wind (G50)
Greene County 4 S Ash Grove	13	0025CST			0	0			Hail (0.88)

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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	
MISSOURI, Southwest									
Greene County Springfield	13	0028CST 0100CST			0	0			Hail (1.75)
Douglas County 4 NW Drury	13	0030CST			0	0			Hail (1.00)
Camden County 5 N Camdenton	13	0030CST			0	0			Hail (0.88)
Greene County Willard	13	0031CST			0	0			Hail (0.88)
Greene County Springfield Arpt	13	0040CST			0	0			Hail (1.75)
Howell County White Church	13	0053CST			0	0			Hail (2.75)
Shannon County 6 NE Winona	13	0100CST			0	0			Hail (1.75)
Laclede County Conway	13	0113CST			0	0			Hail (0.88)
Shannon County 6 NW Winona	13	0128CST			0	0			Hail (1.75)
Texas County 2 W Bendavis	13	0214CST			0	0			Hail (1.00)
Wright County 7 N Mountain Grove	13	0215CST			0	0			Hail (1.00)
Dent County 2 E Salem	13	0230CST			0	0	5K		Thunderstorm Wind (G50)
			Severe thunderstorm wind gusts blew a roof off of a large shed.						
Ozark County Wasola	13	0240CST			0	0			Hail (1.75)
Ozark County Bakersfield	13	0258CST			0	0			Thunderstorm Wind (G50)
Howell County West Plains	13	0330CST			0	0			Hail (0.75)
Oregon County Thomasville	13	0429CST			0	0			Thunderstorm Wind (G50)
Jasper County Carl Jct	30	1530CST			0	0			Hail (0.88)
Jasper County 5 SW Jasper	30	1540CST			0	0			Hail (0.75)
Cedar County 4 N Stockton	30	1630CST			0	0			Hail (0.75)
Vernon County Nevada	30	2046CST			0	0			Hail (0.75)
Vernon County 2 N Walker	30	2055CST			0	0			Thunderstorm Wind (G50)
Vernon County 4 SE Walker	30	2117CST			0	0			Hail (0.88)
Cedar County 3 S Stockton	30	2143CST			0	0			Hail (1.00)
Morgan County Versailles	30	2148CST			0	0			Hail (0.75)
Jasper County Waco	30	2154CST			0	0			Hail (0.75)
Morgan County 3 N Stover	30	2155CST			0	0			Hail (0.88)
Morgan County Versailles	30	2157CST			0	0			Hail (1.00)

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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	

MISSOURI, Southwest

Jasper County 4 NE Carl Jct	30	2159CST			0	0			Thunderstorm Wind (G50)
Polk County Flemington	30	2210CST			0	0			Hail (0.88)
Hickory County 4 W Pittsburg	30	2214CST			0	0			Hail (0.88)
Camden County Camdenton	30	2245CST			0	0			Thunderstorm Wind (G50)
Camden County Osage Beach	30	2250CST			0	0			Thunderstorm Wind (G50)
Camden County Osage Beach	30	2254CST			0	1	10K		Thunderstorm Wind (G60)
Severe thunderstorm wind gusts blew a billboard into a car that resulted in minor injury.									
Camden County Montreal	30	2300CST			0	0			Hail (0.75)
Miller County Brumley	30	2307CST			0	0			Hail (1.00)
Maries County Vienna	30	2330CST			0	0			Hail (0.75)
Maries County Vienna	30	2350CST			0	0			Hail (0.88)

MONTANA, Central

MTZ047-050>051	Blaine - Judith Basin - Fergus								
04	1730MST				0	0			Heavy Snow
	1800MST								
A winter storm brought heavy snow to a portion of North Central Montana on the 4th. Reported snow fall amounts include: 10 inches at Harlem 4W and 6 inches at Grass Range. Heavy snow and gusty winds were reported near Eddie's Corner where visibilities were reduced to near zero. The snow was responsible for causing numerous traffic accidents as well as closing roads for several hours.									
MTZ009>010-044-046-048>049	North Rocky Mountain Front - Eastern Glacier - Toole - Eastern Pondera - Southern Rocky Mountain Front - Eastern Teton								
09	0943MST				0	0			High Wind (G55)
	1130MST								
A high wind event occurred during the morning hours of the 9th. Reported wind speeds include: a gust to 85 mph at the Logan Pass Visitor Center, a gust to 77 mph at East Glacier Park 8SE, a gust to 63 mph at Dupuyer 2S, a gust to 62 mph at Choteau 1N, a gust to 61 mph at Cut Bank 3SW and Brady 4E, a gust to 60 mph at Sunburst, a gust to 58 mph at East Glacier Park 2E, a gust to 56 mph at East Glacier Park 2E, Cut Bank 3SW and Heart Butte, a gust to 53 mph at Helena 12W, a gust to 52 mph at Sweet Grass 1S and Heart Butte and a gust to 50 mph at Dupuyer.									
MTZ012-050>051-055	Cascade - Judith Basin - Fergus - Gallatin								
19	1000MST				0	0			Heavy Snow
	1200MST								
A winter storm brought heavy snow to a portion of North Central Montana on the 19th. Reported snow fall amounts include: 12 inches at Windham 9SW, Bear Canyon, Augusta and Rimini; 10 inches at Great Falls and Cascade 20SE; 9 inches at Helena, Lewistown 7W and Rogers Pass; and 8 inches at East Glacier Park 11SSW and Augusta 21W. The heavy wet snow caused numerous traffic accidents including one involving a vehicle that slid off Highway 89 and plunged into Freezout Lake.									

MONTANA, East

MTZ018	Daniels								
01	0000MST				0	0			Winter Weather
	0600MST								
A period of moderate to heavy rain fell during the evening of February 28th and continued into the early morning hours of the 1st. Temperatures were near freezing when the rain fell, and dropped well below freezing by the morning of the 1st. The rain froze on colder surfaces between Scobey and Four Buttes.									
MTZ016-060	Central And Se Phillips - Little Rocky Mountains								
04	0700MST				0	0			Heavy Snow
	2100MST								
An upper level low tracked from southwest Montana on the morning of the 4th to northeast Montana by the evening. Locally heavy snow fell across isolated areas of southwest and central Phillips County. The heaviest snow fell during the late morning and early afternoon hours. There were even a couple of reports of thunder during the late morning. Heavier snowfall amounts include:									

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, East

Zortman (southwest Phillips County): 6.5 inches
35 miles south of Malta (central Phillips County): 6.0 inches

MTZ017>024-059>062

Central And Southern Valley - Daniels - Sheridan - Western Roosevelt - Petroleum - Garfield - Mccone - Richland - Northern Phillips - Little Rocky Mountains - Northern Valley - Eastern Roosevelt

18	1100MST				0	0			Winter Weather
20	1000MST								

A late season winter storm affected all of northeast Montana. The storm was slow moving and tracked from the Great Basin into the central Plains. Snowfall amounts ranged from 2 to 8 inches. The greatest snowfall totals were observed along the North Dakota border. The snowfall was accompanied by east to southeast wind of 20 to 40 mph with stronger gusts. The strong wind produced considerable blowing and drifting snow. As the strong wind lasted for 36 to 48 hours across most of northeast Montana, it caused a prolonged period of reduced visibility and poor road conditions due to the extensive blowing and drifting snow. Several areas reported snowdrifts of 2 to 4 feet.

MTZ025>027

Dawson - Prairie - Wibaux

18	1500MST				0	0			Blizzard
20	0900MST								

Blizzard conditions affected a portion of northeast Montana. The storm was slow moving and tracked from the Great Basin into the central Plains. Snowfall amounts ranged from 6 to 8 inches across the areas that observed blizzard conditions. The snowfall was accompanied by east to southeast wind of 20 to 40 mph with stronger gusts. The strong wind produced considerable blowing and drifting snow. As the strong wind lasted for 36 to 48 hours, it caused a prolonged period of reduced visibility to less than a quarter of a mile and poor road conditions due to the extensive blowing and drifting snow. Several areas reported snowdrifts of 2 to 4 feet, and a few spots in the Big Sheep Mountains had snowdrifts over 6 feet deep. Whiteout conditions were reported at times in Wibaux and Richland Counties, as well across the Big Sheep Mountains. Heavier snowfall amounts include:

Terry (Prairie County): 8 inches with drifts 2 feet deep
10 S Lindsay (Dawson County): drifts 5 feet deep

MONTANA, South

MTZ028>029-034>035-039-041>042-063

Southern Wheatland - Musselshell - Northern Stillwater - Yellowstone - Eastern Carbon - Northern Sweet Grass - Golden Valley - Judith Gap

19	0700MST 1309MST				0	0			Heavy Snow
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A strong late winter Pacific storm system brought rain and snow across most of the forecast area. As colder air moved into the region from Canada, heavy, wet snow developed over most of South Central Montana. The following are snow amounts that were received as a result of this storm:

7 inches in Joliet and Billings Heights; 10 inches 2N Bridger; 7 inches 18NNW Ryegate; 6 inches 14SE Roundup; 8 inches 15SW Ryegate, 15NE Melville, and 19ESE Melville; 6 inches in Ryegate and 12S Ryegate, 9N Shawmut, 18W Billings and in Hedgesville; 7 inches in Judith Gap

MONTANA, West

MTZ001-004

Kootenai/Cabinet Region - Lower Clark Fork Region

08	1000MST				0	0			Winter Storm
09	1000MST								

A potent spring storm system brought 6 to 11 inches of new snow to the mountains of extreme Northwest Montana, with widespread winds gusting to 40 mph.

NEBRASKA, Central

NEZ004-094

Sheridan - Western Cherry

12	1200MST 2300MST				0	0			Heavy Snow
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A low pressure area centered over eastern Colorado lifted northeast across western Nebraska bringing heavy snow to the region. Snow accumulations totaled 5 inches in north central Cherry County and 7-8 inches in Sheridan and western Cherry Counties. Lower snow accumulations of 2-4 inches were common across Holt, Boyd, Garden, Grant, Hooker, eastern Cherry, Rock, Brown

Storm Data and Unusual Weather Phenomena

March 2006

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

and Keya Paha Counties.

NEZ004>010-022>029-035>038-056-058>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 - Perkins - Lincoln - Chase - Hayes - Frontier - Western Cherry

19	0800CST				0	0			Winter Storm
20	2200CST								

A deep upper level low pressure system moved out of the desert southwest and then pushed slowly across Nebraska. Freezing drizzle developed across much of western and north central Nebraska on March 18th before turning to snow. Frontier and Hayes Counties reported 1/4 to 1/2 inch of ice accumulation before the onset of snow. As the upper low emerged onto the Central Plains, moderate to heavy snow and wind gusts to 25-30 mph developed creating hazardous conditions. Highways and portions of Interstate 80 were closed for 12-24 hours. Total snowfall accumulations of 20-25 inches occurred across much of Holt, Rock, Brown, Blaine, Loup, Thomas, and Logan Counties. Accumulations of 10-20 inches occurred across much of Sheridan, Cherry, Hooker, Keya Paha, Boyd, Garfield, Wheeler, and Custer Counties. The accumulations tapered off to the southwest where 5-9 inches were common. The highest snow accumulation was recorded at Chambers in southern Holt County where 29 inches of snow accumulated. Only minor traffic accidents were reported with the storm. However, ranchers across western and north central Nebraska reported that more than one dozen newly born calves died during the storm.

NEBRASKA, East

Seward County									
1 SE Milford	05	0230CST			0	0			Hail (0.75)
Lancaster County									
Lincoln	05	0248CST			0	0			Hail (0.75)
Cass County									
2 S Greenwood	05	0300CST			0	0			Hail (0.75)
Otoe County									
1 NW Talmage	05	0315CST			0	0			Hail (0.75)
Jefferson County									
2 NE Endicott	12	0735CST			0	0			Hail (1.00)
Jefferson County									
3 NE Jansen	12	0745CST			0	0			Hail (1.00)
Jefferson County									
Plymouth	12	0750CST			0	0			Hail (1.00)
Saline County									
4 W De Witt	12	0755CST			0	0			Hail (0.75)
									Covered the ground.
Saline County									
Crete	12	0810CST			0	0			Hail (0.75)
									Covered the ground.
Lancaster County									
Lincoln	12	0818CST			0	0			Hail (0.88)
Nemaha County									
10 SE Auburn	12	0830CST			0	0			Hail (0.75)
Cass County									
Alvo	12	0904CST			0	0			Hail (0.88)
Seward County									
1 W Milford	12	0915CST			0	0			Hail (0.75)
Sarpy County									
Papillion	12	0925CST			0	0			Hail (0.75)
Cass County									
2 N Weeping Water	12	0935CST			0	0			Hail (0.75)
Lancaster County									
Lincoln	12	0938CST			0	0			Hail (0.75)
Saunders County									
Yutan	12	0940CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

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

NEBRASKA, East

**NEZ011>012-
015>018-030>034-
042>045-050>053-
065>068-078-
088>090-092**

Knox - Cedar - Thurston - Antelope - Pierce - Wayne - Boone - Madison - Stanton - Cuming - Burt - Platte - Colfax - Dodge - Washington - Butler - Saunders - Douglas - Sarpy - Seward - Lancaster - Cass - Otoe - Saline - Jefferson - Gage - Johnson - Pawnee

19	1800CST								
21	0900CST				0	0			Winter Storm

A prolonged period of snow, occasionally heavy, fell across much of eastern Nebraska and southwest Iowa from very early Sunday morning 3/19/06 into early Tuesday morning the 21st. The snow was accompanied by gusty east to northeast winds which created significant blowing and drifting snow, especially west of a Lincoln to West Point line. East of that line the snow was occasionally mixed with sleet, freezing drizzle and even light rain Sunday and Sunday night. Total snowfall of 20 to 25 inches was common from around Columbus and Schuyler to the Norfolk, Albion and Neligh areas, with some unofficial totals of 28 to 30 inches reported. Amounts of 10 to 20 inches were recorded west of a line from Beatrice to Lincoln to Omaha then into Monona county Iowa. Snow totals southeast of that line decreased gradually, and only 2 to 4 inches was reported from around Falls City, in the southeast corner of Nebraska, toward Shenandoah and Clarinda in southwest Iowa.

The precipitation for the first part of the event, from Sunday into midday Monday, was mainly driven by warm air advection. Then by Monday afternoon an upper level system caused surface low development over Oklahoma which then tracked across the Missouri and Arkansas area by Tuesday morning.

The snow began just after midnight Sunday the 19th along and west of a Lincoln to West Point line and by 7 am Sunday most areas had received 2 to 4 inches. Very dry low level air feeding into the system greatly reduced the snowfall from near the Missouri River east into western Iowa and little or no measurable snow had yet fallen as of 7 am Sunday. By mid morning Sunday accumulating snow had pushed to the Missouri River with 1 to 3 inches recorded as far east as the Omaha area. However, the above mentioned dry air would continue to cause periodic lapses in accumulating snow for the counties bordering the Missouri River in Nebraska south of Tekamah and for much of Southwest Iowa. That in turn allowed for somewhat brighter afternoon skies Sunday and Monday along with temperatures that managed to climb to freezing or a little warmer. Thus, there was much melting of the snow on roads and sidewalks, especially on treated ones, during the daylight hours.

Snow intensities increased Sunday night across most areas and by 7 am Monday morning total snowfall varied from 6 to 15 inches along and west of a Lincoln to Schuyler to Bloomfield line, with the higher amounts along and west of a Columbus to Niobrara line. Snow totals east of that area were in the 2 to 6 inch range except for generally an inch or less from the southeast corner of Nebraska into portions of west central Iowa northeast of Council Bluffs. Snow continued accumulating Monday afternoon over much of the area...except near and east of the Missouri River where brighter skies and slightly warmer temperatures held back accumulations. Monday night and Tuesday morning saw the heavier accumulating snow finally shift east to those counties in Nebraska and Iowa bordering the Missouri River. Much of the snow then finally ended mid Tuesday morning.

Even though many roads west of a Lincoln to West Point line were closed for a time by Monday afternoon, including Interstate 80 west of Lincoln, travel from extreme eastern Nebraska into much of southwest Iowa was not affected too much. The closing of Interstate 80 caused extensive traffic problems early Tuesday in the Lincoln area as west bound traffic tried to exit the Interstate and onto west bound roads and Highways. This, in turn, forced the closure of west bound Highway 6 out of Lincoln.

The heavy snow or resulting melting snow caused several buildings to collapse. In Fairbury a large industrial building collapsed late Wednesday March 22 causing nearly \$1 million in damage. Near Humphrey melting snow Tuesday caused a power pole to tip or wires to stretch sparking an outbuilding fire. A metal beam twisted on a Neligh business causing some damage. A roof collapsed in the Newman Grove area damaging vehicles and other items at a lumber store. Awnings collapsed in the Norfolk area.

In addition...many schools cancelled classes both Monday and Tuesday and some even stayed closed Wednesday. Over 400 schools were reported closed in Nebraska at one time or another.

Heavier storm total snowfall...in some cases these were 48 hour or more amounts...included...25 inches at Lorretto, 24 inches in Madison, 23 inches in Albion, 22 inches at Elgin, 19 to 20 inches in the Schuyler and Columbus areas as well as in Oakdale. At official climate sites over the region, storm totals included 17.5 inches in Norfolk, 9.1 at Lincoln, 9.2 at Omaha Eppley and 13 inches at the NWS in Valley. Heavier totals in western Iowa included 12 inches near Little Sioux, 10 inches near Castana, 9 inches in Underwood and 6 to 8 inches from Logan to Onawa and Mapleton. Some of these totals were affected by either blowing and drifting, western sections, or by partially melting from underneath eastern and southern locations.

Dodge County

2 S Snyder

29	1205CST								
					0	0			Hail (0.88)

Lancaster County

2 N Malcolm

30	0830CST								
					0	0			Hail (0.88)

Seward County

3 ENE Garland

30	0840CST								
					0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

March 2006

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, East</u>									
Saunders County 2 E Prague	30	0910CST			0	0			Hail (0.88)
Boone County 7 W Albion	30	1040CST			0	0			Hail (1.00)
Boone County Albion	30	1058CST			0	0			Hail (0.75)
Dodge County Scribner	30	1100CST			0	0			Hail (0.75)
Dodge County 7 W Fremont	30	1108CST			0	0			Hail (0.88)
Antelope County 4 SW Tilden	30	1120CST			0	0			Hail (0.88)
Madison County 3 NE Tilden	30	1145CST			0	0			Hail (0.75)
Knox County 4 S Bloomfield	30	1145CST			0	0			Hail (1.00)
Pierce County 14 W Pierce	30	1145CST			0	0			Hail (1.00)
Jefferson County 2 NE Diller	30	1210CST			0	0			Hail (0.75)
Saline County Wilber to 1 NE Wilber	30	1219CST 1220CST			0	0			Hail (0.88)
Hail up to nickel size fell for a few minutes and was accompanied by strong winds.									
Saline County 1 NE Wilber	30	1220CST			0	0	5K		Thunderstorm Wind (G50)
Thunderstorm winds blew a machine shed over near Wilber.									
Antelope County Oakdale	30	1225CST			0	0			Hail (1.00)
Saline County 1 SW De Witt	30	1230CST			0	0			Hail (0.75)
Gage County 6 SW Beatrice	30	1234CST			0	0			Funnel Cloud
The Gage county emergency manager reported a funnel cloud southwest of Beatrice which did not touch down.									
Boone County Petersburg	30	1235CST			0	0			Hail (0.75)
Antelope County 10 SW Tilden	30	1245CST			0	0			Hail (0.75)
Lancaster County 4 NE Hallam	30	1304CST 1309CST			0	0			Hail (0.75)
Hailed for 5 minutes covering the ground.									
Lancaster County Lincoln	30	1310CST 1315CST			0	0			Hail (1.50)
Hail up to 1.5 inches in diameter was reported at 30th and Adams Streets with dime to nickel size hail reported near 66th and O Streets and 70th and A Streets.									
Johnson County Tecumseh	30	1325CST			0	0			Hail (0.88)
Madison County 1 E Tilden	30	1330CST			0	0			Hail (1.00)
Lancaster County 2 S Davey	30	1335CST			0	0			Hail (0.75)
Cedar County Laurel	30	1335CST			0	0			Hail (0.88)
Cass County Elmwood	30	1353CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

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, East</u>									
Pierce County									
Pierce	30	1355CST			0	0			Hail (1.00)
Otoe County									
4 NNW Palmyra	30	1400CST			0	0			Thunderstorm Wind (G55)
			Thunderstorm wind gusts estimated at over 60 mph blew the roof off of a machine shed.						
Cedar County									
2 E Laurel	30	1400CST			0	0			Hail (1.00)
Pierce County									
1 W Hadar	30	1401CST			0	0			Hail (0.75)
Saline County									
2 S De Witt	30	1410CST			0	0			Thunderstorm Wind (G50)
			Thunderstorm wind gusts caused roof damage to outbuildings near town.						
Saline County									
2 S De Witt	30	1410CST			0	0			Hail (0.75)
Saline County									
Crete	30	1410CST			0	0			Hail (0.75)
Douglas County									
Omaha	30	1410CST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds downed a tree in the Standing Bear West Subdivision.						
Saline County									
Wilber	30	1410CST			0	0			Hail (0.88)
Colfax County									
4 S Leigh	30	1415CST			0	0			Hail (0.75)
Jefferson County									
Diller	30	1415CST			0	0			Hail (0.75)
Douglas County									
Omaha	30	1417CST			0	0			Hail (0.75)
			Reported near 159th and Giles Streets. The hail was accompanied by 40 to 50 mph winds.						
Jefferson County									
2 E Harbine	30	1420CST			0	0			Hail (0.88)
			The hail fell along with winds of 50 mph.						
Jefferson County									
5 S Diller	30	1422CST			0	0			Hail (0.88)
Butler County									
4 W Bellwood to 3.5 W Bellwood	30	1423CST 1424CST	0.5	440	0	0			Tornado (F0)
			A tornado was reported by emergency management and observed by the public west of Bellwood. The tornado did some roof and tree damage and destroyed a farm outbuilding west of Bellwood. This same Thunderstorm cell produced a brief tornado southeast of Richland a few minutes later. It could not be confirmed that the tornado remained on the ground from west of Bellwood to southeast of Richland, however.						
Stanton County									
12 SE Stanton	30	1425CST			0	0	35K		Thunderstorm Wind (G55)
			Thunderstorm winds estimated at over 60 mph damaged some farm outbuildings.						
Colfax County									
2 SE Richland	30	1429CST 1430CST	0.5	440	0	0			Tornado (F0)
			Emergency management reported a relatively brief tornado touchdown just southeast of Richland. The tornado took the shingles off of a roof and did some tree damage as it traveled around 1/2 mile. The tornado was from the same cell that produced a brief tornado west of Bellwood in Butler county a few minutes earlier.						
Jefferson County									
Harbine	30	1430CST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds estimated at 60 mph blew an empty semi-trailer truck off the road near Harbine.						
Jefferson County									
4 ENE Plymouth	30	1435CST			0	0			Thunderstorm Wind (G55)
			Thunderstorm wind gusts estimated at over 60 mph flipped a center pivot northeast of Plymouth.						

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, East									
Saline County Wilber to 3 NE Wilber	30	1437CST 1439CST			0	0	125K		Thunderstorm Wind (G57)
									Thunderstorm wind gusts were measured at 66 mph by emergency management in Wilber. The winds destroyed a machine shed northeast of Wilber and caused some equipment damage at the Wilber-Claytonia High School.
Gage County 6 S Beatrice	30	1445CST			0	0			Hail (1.75)
Gage County 6 S Beatrice	30	1445CST			0	0			Thunderstorm Wind (G55)
									Thunderstorm wind gusts were estimated at 60 to 70 mph by a trained spotter. The winds were accompanied by hail up to golf ball size.
Colfax County Clarkson to Howells	30	1446CST 1500CST			0	0			Thunderstorm Wind (G55)
									Thunderstorm winds estimated at 60 to 70 mph caused some siding and roof damage in the Howells and Clarkson area.
Dodge County 3 S Dodge to 2 N Dodge	30	1450CST 1455CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds estimated at 60 mph took the roof off of an open front machine shed and also overturned some center pivots in the area.
Stanton County 4 N Pilger	30	1455CST			0	1	164K		Thunderstorm Wind (G55)
									Thunderstorm winds estimated at 60 to 70 mph overturned a semi-trailer truck on Highway 15 north of Pilger injuring the driver.
Cuming County 1 S Wisner to 1 E Wisner	30	1455CST			0	0			Thunderstorm Wind (G55)
									Thunderstorm wind gusts estimated at 60 to 70 mph blew a semi-trailer truck off the road near Wisner. The winds also caused some farm outbuilding damage near town.
Stanton County 17 S Pilger	30	1455CST			0	0	36K		Thunderstorm Wind (G55)
									Thunderstorm winds estimated at 60 to 70 mph overturned a semi-trailer truck on Highway 15.
Jefferson County 3 NE Plymouth	30	1500CST			0	0			Thunderstorm Wind (G55)
									Thunderstorm wind gusts estimated at over 60 mph blew the roofs off of a hog facility and blew down several trees in the area.
Gage County 2 W Clatonia	30	1500CST			0	0	100K		Thunderstorm Wind (G50)
									Thunderstorm winds estimated at 60 mph damaged a 70 foot machine shed.
Lancaster County 3 W Lincoln	30	1507CST			0	0			Hail (0.88)
									The hail was accompanied by 50 mph winds.
Butler County 5 S Bruno	30	1507CST			0	0			Hail (1.00)
Dodge County Snyder	30	1510CST			0	0			Hail (0.75)
Dodge County 7 SW Hooper	30	1515CST			0	0			Hail (0.88)
Lancaster County Lincoln	30	1515CST			0	0			Hail (0.88)
Otoe County Palmyra	30	1515CST			0	0			Thunderstorm Wind (G50)
Washington County 2 NW Blair	30	1530CST			0	0			Thunderstorm Wind (G55)
									The emergency manager estimated thunderstorm winds gusted into the 60 to 70 mph range.
Johnson County Tecumseh	30	1530CST			0	0			Hail (0.75)
Saunders County 3 S Memphis	30	1531CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
NEBRASKA, East									
Saunders County 3 S Memphis	30	1531CST			0	0			Thunderstorm Wind (G55)
									The Saunders county emergency manager estimated thunderstorm wind gusts were between 60 and 70 mph.
Saunders County 6 S Mead	30	1535CST 1536CST	0.3	100	0	0	50K		Tornado (F0)
									A weak tornado, estimated at fo strength, tracked around a quarter of a mile, 6 miles south of Mead. The width of the damage path was around 100 yards. The tornado partially ripped the roof off of a large metal storage building tossing some of the debris a 1000 feet or so to the northeast. The tornado also caused some tree damage.
Saunders County 5 S Mead	30	1537CST			0	0			Thunderstorm Wind (G55)
									Thunderstorm winds estimated at over 60 mph flipped a center pivot south of Mead. The winds were from the same storm that produced a weak tornado just to the south. However, according to a NWS storm survey it appeared that the tornado had lifted by the time it flipped the pivot.
Saunders County 3 S Leshara	30	1539CST			0	0			Hail (0.75)
Douglas County 5 SW Valley	30	1540CST			0	0			Funnel Cloud
									A funnel cloud was observed by NWS personnel a few miles southwest of the office.
Cass County Cedar Creek	30	1543CST			0	0			Thunderstorm Wind (G55)
									Thunderstorm winds blew the front porch off of a home and caused some outbuilding and tree damage in town.
Burt County Lyons	30	1545CST			0	0			Thunderstorm Wind (G55)
									Thunderstorm wind gusts estimated at over 60 mph blew down a barn and several trees near Lyons.
Douglas County Elkhorn	30	1545CST			0	0			Hail (0.75)
Cass County Plattsmouth	30	1545CST			0	0			Thunderstorm Wind (G55)
									Thunderstorm wind gusts estimated at over 60 mph reportedly downed traffic lights at the junction of Highways 34 and 50 and also lifted a truck briefly off the ground.
Otoe County 2 S Nebraska City	30	1550CST			0	0			Thunderstorm Wind (G55)
									Thunderstorm wind gusts estimated at over 60 mph blew down a barn, snapped a power pole and broke numerous large tree limbs just south of Nebraska City.
Douglas County Ralston	30	1555CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds were estimated at 60 mph in Ralston. The strong winds could have been the result of a developing rear flank downdraft which helped spin up a weak tornado that caused some damage in the Papillion area.
Otoe County Syracuse	30	1559CST			0	0			Thunderstorm Wind (G55)
									Thunderstorm wind gusts estimated at over 60 mph destroyed a barn near town.
Washington County 5 ENE Washington	30	1600CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds estimated at 60 mph blew down a barn northeast of Washington.
Sarpy County Papillion	30	1600CST 1605CST	3	150	0	0			Tornado (F0)
									An Fo tornado touched down 3/4 mile south of the intersection of 84th Street and Capehart Road. The tornado was on the ground for 3 miles with a path width of 150 yards. The tornado downed numerous trees and power lines in its path, blew down fences and caused some structural damage to several buildings including a church at 84th and Glenwood Ave. The tornado also blew out car windows at Midlands Hospital.
Sarpy County Bellevue	30	1601CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

March 2006

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

Douglas County

Omaha	30	1605CST 1610CST			0	0			Thunderstorm Wind (G55)
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Thunderstorm winds estimated at over 60 mph blew a semi-trailer truck off of the Interstate 80 and 480 split, blew several car windows out at a parking structure at Eppley Airfield, bent a flag pole at Rosenblatt stadium, and caused some tree and structural damage near 44th and I Streets. Most of the damage was on the far eastern sections of the city and was from the same cell that produced the weak tornado in the Papillion area.

Richardson County

Falls City	30	1630CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds estimated at 60 mph ripped the roof off of a cabin and scattered the debris across a park near Stanton Lake.

NEBRASKA, Extreme Northeast

NEZ013>014

Dixon - Dakota		12 1600CST			0	0			Winter Weather
		13 0800CST							

Snowfall of 2 to 4 inches combines with winds gusting up to 35 mph to cause blowing snow. Classes at some schools were cancelled or delayed for a day.

NEZ013>014

Dixon - Dakota		19 1200CST			0	0			Winter Storm
		21 0000CST							

Snowfall of 5 to 8 inches was accompanied by winds gusting to over 35 mph, causing near blizzard conditions in blowing snow. Schools and businesses were closed as the snowfall, low visibility, and drifting snow made travel very difficult.

Dakota County

Dakota City	30	1546CST			0	0			Thunderstorm Wind (G52)
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Thunderstorm winds caused tree damage, including several branches blown down.

NEBRASKA, Extreme Southwest

NEZ079>081

Dundy - Hitchcock - Red Willow		20 0800MST			0	0			Heavy Snow
		1700MST							

A winter storm produced heavy snow across all of northwest Kansas, southwest Nebraska and east central Colorado. Minor blowing and drifting was also reported. Numerous traffic accidents were reported in the area with school, business and road closures common. Snowfall amounts were heaviest across Decatur, Rawlins Sherman, Thomas and Wallace counties with a maximum of 12 to 14 inches reported by cooperative observers and storm spotters. Goodland, Kansas reported 13.4 inches of snow in 24 hours, making it the 7th snowiest calendar day on record.

Some county snowfall amounts in the Tri-state area include, in Colorado: Yuma 6-10", Kit Carson 6-12", Cheyenne 6-8"; in Nebraska: Dundy 5-9", Hitchcock 6-9", Red Willow 9-11"; in Kansas: Cheyenne 8-11", Rawlins 6-13", Decatur 8-12", Norton 8-10", Sherman 9-14", Thomas 8-13", Sheridan 8-12", Graham 8-10", Wallace 8-14", Logan 6-12", Gove 6-12", Greeley 4-7", Wichita 6-10".

NEBRASKA, South Central

Hall County

1 S Grand Is	04	2331CST			0	0	0	0	Hail (0.75)
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York County

Bradshaw	05	0050CST			0	0	0	0	Hail (0.88)
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York County

1 N Benedict	05	0115CST 0120CST			0	0	0	0	Hail (0.88)
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Polk County

5 SSE Stromsburg	05	0120CST			0	0	0	0	Hail (0.88)
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Nuckolls County

4 W Bostwick	12	0730CST			0	0	0	0	Hail (1.00)
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Fillmore County

Exeter	12	0750CST			0	0	0	0	Hail (0.75)
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Fillmore County

Shickley	12	0750CST			0	0	0	0	Hail (0.75)
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Fillmore County

2 E Exeter	12	0807CST			0	0	0	0	Hail (1.00)
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Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, South Central									
Fillmore County									
Fairmont	12	0807CST			0	3	30K	0	Thunderstorm Wind (G50)
Thayer County									
1 E Deshler	12	0810CST			0	0	0	0	Hail (0.88)
Thayer County									
2 SW Belvidere	12	0815CST			0	0	0	0	Hail (0.88)
Fillmore County									
Ohiova	12	0825CST			0	0	25K	0	Hail (1.00)
Thayer County									
10 N Hebron	12	0830CST			0	0	0	0	Hail (1.00)
Fillmore County									
Milligan	12	0840CST			0	0	25K	0	Hail (1.00)
<p>Early morning thunderstorms brought penny to golf ball sized hail from along the state line west of Bostwick in Nuckolls county to east of Exeter in Fillmore county. Two accidents occurred during the storms. The first was along US 81 at Fairmont when a thunderstorm wind gust blew a vehicle and trailer off the highway. Three people sustained minor injuries (direct) due to the accident. They were treated and released at an area hospital. The other accident occurred near Exeter where a vehicle slid off the hail covered roadway. No injuries occurred in this accident.</p>									
NEZ039>041-046>049	Valley - Greeley - Nance - Sherman - Howard - Merrick - Polk								
	19	0600CST			0	0	700K	0	Winter Storm
	21	0000CST							
NEZ060>064-072>077	Dawson - Buffalo - Hall - Hamilton - York - Gosper - Phelps - Kearney - Adams - Clay - Fillmore								
	20	0300CST			0	0	1.6M	0	Winter Storm
	21	0300CST							
NEZ082>087	Furnas - Harlan - Franklin - Webster - Nuckolls - Thayer								
	20	0600CST			0	0	300K	0	Winter Storm
	21	0500CST							
<p>A very strong storm system brought record snowfall to the region on the first day of spring. The snow began to accumulate the morning of the 19th and continued into the early morning hours of the 21st. When the storm had finally passed, snowfall amounts ranged from 8 to 10 inches along the Kansas/Nebraska border to 25 to 30 inches in the Ord and Greeley areas. Greeley reported a record 30 inches of snow from this storm. Winds of 25 to 35 mph blew during the storm and caused some drifting of the snow. Most all roads, including Interstate 80, business and schools closed. School began to reopen on the 22nd. A few shelters opened, mainly in towns along the interstate, to house stranded motorists.</p>									
Hall County									
Cairo	30	0940CST			0	0	0	0	Hail (0.75)
Howard County									
St Paul	30	1003CST 1012CST			0	0	0	0	Hail (0.75)
Kearney County									
Axtell	30	1036CST 1045CST			0	0	0	0	Hail (0.75)
Howard County									
5 W St Paul	30	1051CST			0	0	0	0	Hail (0.75)
Buffalo County									
Kearney	30	1115CST			0	0	0	0	Hail (0.88)
Kearney County									
Norman	30	1205CST 1208CST			0	0	30K	0	Hail (1.00)
Adams County									
3 W Kenesaw	30	1215CST			0	0	0	0	Hail (0.75)
Adams County									
5 N Holstein	30	1230CST			0	0	0	0	Hail (0.75)
Hall County									
Grand Is	30	1245CST			0	0	50K	0	Hail (1.00)
Clay County									
Harvard	30	1300CST			0	0	200K	0	Thunderstorm Wind (G65)
Hall County									
4 NE Doniphan	30	1310CST			0	0	0	0	Thunderstorm Wind (G55)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, South Central</u>									
Hamilton County 5 NW Giltner	30	1314CST			0	0	75K	0	Thunderstorm Wind (G65)
Nance County 10 W Fullerton	30	1315CST			0	0	0	0	Hail (0.75)
Hamilton County Aurora Muni Arpt	30	1330CST			0	0	0	0	Thunderstorm Wind (G50)
Dawson County Overton	30	1345CST			0	0	0	0	Hail (0.75)
Polk County Stromsburg	30	1400CST			0	0	50K	0	Thunderstorm Wind (G55)
Polk County Osceola	30	1410CST			0	0	30K	0	Thunderstorm Wind (G52)
Franklin County 3 E Franklin	30	1445CST			0	0	30K	0	Hail (1.50)
Webster County 4 W Inavale	30	1455CST			0	0	0	0	Hail (1.00)
Webster County 10 N Red Cloud	30	1515CST 1520CST			0	0	0	0	Hail (0.88)
Adams County Ayr	30	1545CST			0	0	20K	0	Hail (1.00)
Nuckolls County 6 W Angus	30	1600CST 1605CST			0	0	25K	0	Thunderstorm Wind (G65)

Thunderstorms developed during the morning hours and continued to rumble across the area into the afternoon. Some of the storms produced hail to the size of walnuts and wind gusts to 75 mph. A semi-truck was blown off Interstate 80 just west of Giltner. A roof was blown off of a garage in Harvard along with tree and shingle damage in the town. Tree limbs were downed and a grain bin damaged near Stromsburg. The Polk County News reported "Electricity was cut off from most of Polk County for a good portion of the afternoon as winds damaged a sub-station just north of Stromsburg and power lines were downed in various parts of the county."

NEBRASKA, West

NEZ001>003-054>055 Sioux - Dawes - Box Butte - Kimball - Cheyenne

18	2100MST	0	0	Heavy Snow
20	1700MST			

A prolonged upslope pattern resulted in heavy snowfall across much of the Nebraska panhandle with snowfall amounts from 6 to 10 inches reported in general. Kimball and Sidney, Neb. each reported around 10 inches while Chadron, Neb. received about 9 inches of snow.

NEVADA, North

NVZ013-032 Northern Nye - Sw & Sc Elko

17	2200PST	0	0	Heavy Snow
18	0500PST			

A winter storm brought around ten inches of snow to the Tonopah area and seven to ten inches in the Elko area.

NVZ035 White Pine

18	1900PST	0	0	Heavy Snow
	2300PST			

Six to seven inches of snow was reported in Ely.

NVZ033 X E Elko

25	1900PST	0	0	High Wind (G40)
	2000PST			

NVZ013-032-034-037 Northern Nye - Sw & Sc Elko - Ruby Mountains/E Humboldt Range - S Lander & S Eureka

28	1600PST	0	0	Heavy Snow
29	0400PST			

Six inches of snow was reported in Eureka. Seven to ten inches was reported in the Elko, Spring Creek, and Southfork area, and eight to 12 inches in the Ruby Mountains and East Humboldt Range

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>NEVADA, South</u>									
NVZ014			Esmeraldo/Central Nye						
			17			0	0		Winter Storm
		18							
			Goldfield (5700') received 7-8" of snow.						
NVZ019			Spring Mountains						
			20			0	0		Winter Storm
		21							
			Mount Charleston (7600') received 14" of snow.						
NVZ019			Spring Mountains						
			28			0	0		Winter Storm
			Mount Charleston (7600') received 8" of snow.						
<u>NEVADA, West</u>									
NVZ002			Greater Lake Tahoe Area						
			02			0	0		Heavy Snow
		03							
			A winter storm moved through the Sierra Nevada on March 2nd and 3rd. Up to three feet of snow fell in the higher elevations.						
			Storm total snowfall amounts:						
NVZ003			Greater Reno/Carson City/Minden Area						
			02			0	0		Heavy Snow
		03							
			A winter storm moved through the Sierra Nevada on March 2nd and 3rd. Up to three feet of snow fell in the higher elevations.						
			Storm total snowfall amounts:						
NVZ002			Greater Lake Tahoe Area						
			09			0	0		Heavy Snow
		11							
			A winter storm deposited over two feet of snow in the central Sierra Nevada from March 9th to the 11th.						
			Storm total snowfall amounts:						
NVZ002			Greater Lake Tahoe Area						
			13			0	0		Heavy Snow
		14							
			A strong winter storm brought over 3 feet of snow to portions of the northern and central Sierra Nevada on March 13th and 14th.						
			Storm total snowfall amounts:						
NVZ003			Greater Reno/Carson City/Minden Area						
			13			0	0		Heavy Snow
		14							
			A strong winter storm brought over 3 feet of snow to portions of the northern and central Sierra Nevada on March 13th and 14th. Over a half-foot of snow was reported in the valleys of western Nevada.						
			Storm total snowfall amounts:						

Storm Data and Unusual Weather Phenomena

March 2006

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

NEVADA, West

NVZ004	Western Nevada Basin And Range								
	20	2000PST			0	0			Heavy Snow
	21	0200PST							
	Heavy snowfall was reported in Churchill County overnight.								
	Storm total snowfall amounts:								
							8 inches		
							6 inches		
NVZ003	Greater Reno/Carson City/Minden Area								
	25	0300PST			0	0			High Wind (G63)
	A 63 kt (73 mph) wind gust was recorded by the Galena RAWS wind sensor.								
NVZ003	Greater Reno/Carson City/Minden Area								
	25	0306PST			0	0			High Wind (G50)
	A 50 kt (58 mph) wind gust was reported by a trained spotter 5 miles WSW of Gardnerville (elevation 4700 ft).								
NVZ001	Mineral/Southern Lyon								
	25	0845PST			0	0			High Wind (G51)
	A 51 kt (59 mph) wind gust was recorded by the NDOT wind sensor at Walker Lake.								
NVZ001	Mineral/Southern Lyon								
	25	0941PST			0	0			High Wind (G56)
	A 56 kt (64 mph) wind gust was reported by a trained spotter 2 miles north of Hawthorne.								
NVZ001	Mineral/Southern Lyon								
	25	1155PST			0	0			High Wind (G50)
	A 50 kt (58 mph) wind gust was recorded by a sensor at Silver Springs.								
NVZ001	Mineral/Southern Lyon								
	25	1315PST			0	0			High Wind (G50)
	A 50 kt (58 mph) wind gust was recorded by the NDOT sensor at Walker Lake.								
NVZ004	Western Nevada Basin And Range								
	25	1330PST			0	0			High Wind (G50)
	A 50 kt (58 mph) wind gust was recorded by the DRI RAWS sensor at Carson Sink (36 miles northeast of Fallon).								
NVZ002	Greater Lake Tahoe Area								
	28	1500PST 2100PST			0	0			Heavy Snow
	A powerful winter storm dumped up to 2 feet of snow in the higher elevations of the central Sierra Nevada and Carson Range.								
	Storm total snowfall amounts:								
							14 inches		
							12 inches		
							5 inches		
							9 inches		
NVZ003	Greater Reno/Carson City/Minden Area								
	31	1400PST			0	0	20K		High Wind (G61)
	A wind gust estimated at approximately 61 kt (70 mph) struck a warehouse in northeast Reno. According to newspaper reports, portions of the roof were torn off. One piece of the roof landed on an automobile. Another section of the roof landed next to a truck 30 feet away from the building. A third section of the roof landed near a fence 50 feet away. Fire sprinkler lines in the warehouse were also broken.								
NVZ002	Greater Lake Tahoe Area								
	31	1600PST 2200PST			0	0			Heavy Snow
	A fast moving winter storm deposited up to 3 feet of snow in the higher elevations of the Sierra Nevada and Carson Range.								
	Storm total snowfall amounts:								
							24 inches		
							10 inches		
							10 inches		
							10 inches		

Storm Data and Unusual Weather Phenomena

March 2006

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

NONE REPORTED.

NEW HAMPSHIRE, Southern

NONE REPORTED.

NEW JERSEY, Northeast

NONE REPORTED.

NEW JERSEY, South and Northwest

NJZ001-009>010-012-015>019	Sussex - Hunterdon - Somerset - Middlesex - Mercer - Salem - Gloucester - Camden - Northwestern Burlington					
	02 0700EST	0	0			Winter Weather
	1000EST					
NJZ007>008	Warren - Morris					
	02 1600EST	0	0			Winter Storm
	2000EST					

A quick moving low pressure system that moved through the Ohio Valley overnight on the first and reformed along the Middle Atlantic coast on the second caused a wintry mix of snow, sleet and freezing rain across New Jersey mainly to the west of the New Jersey Turnpike. Across the immediate Philadelphia area precipitation started as sleet and freezing rain around 7 a.m. EST on the 2nd and changed over to plain rain by 10 a.m. EST that morning. From Mercer County north through the Raritan Basin, precipitation began as a mixture of snow, sleet and freezing rain between 6 a.m. and 8 a.m. EST on the 2nd. Precipitation changed to plain rain during the early afternoon. Across northwestern New Jersey precipitation started as snow around 8 a.m. EST on the 2nd. Precipitation changed to sleet and freezing rain around Noon EST and then changed back to snow during the second half of the afternoon. The snow ended by 9 a.m. EST that evening. Snow accumulations averaged 2 to 4 inches in northwestern New Jersey and less than one inch in Mercer County and the Raritan Basin. Ice accretions across Warren and Morris Counties averaged one quarter of an inch and around one tenth of an inch in Sussex County and Mercer Counties and the Raritan Basin. Ice accretions in the local Philadelphia suburbs were just a trace. The indirect insolation from the sun kept roadways wet and most of the ice accretions were on exposed surfaces as well as bridges and overpasses. Minimal power outages occurred. Several northern New Jersey schools never opened. Others dismissed early. The County College of Morris closed its Randolph campus early.

Some serious and fatal traffic accidents occurred in northwestern New Jersey. Around Noon EST an eight-year-old girl was killed when her stepfather lost control of his vehicle on westbound Interstate 280 in Parsippany Township (Morris County) and slid across the median into an eastbound heading tractor-trailer. The stepfather was critically injured and her step-brother suffered a minor injury. Elsewhere in Morris County, a chain reaction crash on New Jersey State Route 24 in Madison sent one woman to the hospital and closed the westbound lanes of the roadway for hours. The woman driver skidded into oncoming traffic in the westbound lanes of the roadway. In Hopatcong (Sussex County), a driver skidded into a snow plow. A Sports Utility Vehicle rolled over after trying to avoid a fender bender. In Warren County, a 32-year-old woman was seriously injured in Hope Township after she lost control of her vehicle on County Route 519 and skidded sideways into a tree. In Hunterdon County, in Clinton Township, a head-on collision on County Route 623 injured four people.

Actual snowfall accumulations included 4.1 inches in Wantage and Highland Lakes (Sussex County), 3.2 inches in Sussex (Sussex County), 2.8 inches in Newton (Sussex County), 2.6 inches in Blairstown (Warren County), 2.2 inches in Marcella (Morris County), 2.0 inches in Butler (Morris County) and 1.0 inch in Belvidere (Warren County). Quarter inch ice accretions were reported in Chatham (Morris County) and Liberty Township (Warren County).

The wintry weather was caused by a low pressure system that moved east from central Missouri on the evening of the 1st, to Illinois around Midnight EST on the 2nd, into Ohio at sunrise on the 2nd. As the primary low pressure system moved into Pennsylvania early in the afternoon on the 2nd, a secondary low pressure system formed over Chesapeake Bay. By 4 p.m. EST that afternoon, the secondary low was as strong as the primary and was already about 150 miles east of Atlantic City, New Jersey. The low pressure system continued to move rapidly offshore overnight. The rapid movement of the low pressure system prevented heavier precipitation from occurring.

NJZ001-007>010-012>027	Sussex - Warren - Morris - Hunterdon - Somerset - Middlesex - Western Monmouth - Eastern Monmouth - Mercer - Salem - Gloucester - Camden - Northwestern Burlington - Western Ocean - Cumberland - Western Atlantic - Western Cape May - Eastern Cape May - Eastern Atlantic - Eastern Ocean - Southeastern Burlington					
	14 1100EST	0	0	20K		Strong Wind
	1700EST					

A strong cold front moved through New Jersey during the late morning of the 14th. Gusty west winds followed in the wake of the front during the rest of the daytime hours. The gusty winds and unseasonably dry weather also helped wildfires spread quicker.

Storm Data and Unusual Weather Phenomena

March 2006

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

NEW JERSEY, South and Northwest

Peak wind gusts averaged around 50 mph at the shore and 45 mph inland. Peak wind gusts included 52 mph at the Marina within Atlantic City (Atlantic County), 44 mph at the Atlantic City International Airport (Atlantic County) and 38 mph in Trenton.

NJZ009

Hunterdon

14	1200EST 1600EST	0	0	50K	Wildfire
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A wildfire totally engulfed a barn in East Amwell Township. An estimated three to seven horses died in the Black River Farm. Two fire fighters were injured fighting the blaze. One suffered a head injury, another had breathing difficulties. It took half a dozen fire companies and 60 to 70 firefighters to get the blaze under control. Strong gusty west winds and unseasonably dry weather for March helped contribute to the rapid spread of the fire.

NJZ001-007>010-012>027

Sussex - Warren - Morris - Hunterdon - Somerset - Middlesex - Western Monmouth - Eastern Monmouth - Mercer - Salem - Gloucester - Camden - Northwestern Burlington - Western Ocean - Cumberland - Western Atlantic - Western Cape May - Eastern Cape May - Eastern Atlantic - Eastern Ocean - Southeastern Burlington

15	0800EST 1800EST	0	0	20K	Strong Wind
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The strong pressure gradient (difference) between a low pressure system in the Gulf of Saint Lawrence and a high pressure system building northeast from the lower Mississippi Valley produced gusty west to northwest winds during the daytime hours on the 15th in New Jersey. This was the second successive day of strong gusty winds. Peak wind gusts averaged around 45 mph and included 50 mph at the Atlantic City Marina (Atlantic County), 49 mph in West Cape May (Cape May County), 47 mph in Barnegat (Ocean County), 45 mph at the Atlantic City International Airport, 43 mph in Sandy Hook (Monmouth County) and 40 mph in Lumberton (Burlington County) and Millville (Cumberland County).

NJZ019

Northwestern Burlington

22	0800EST	0	0	Wildfire
23	1700EST			

A wildfire started in Medford Township in the Sunrise Lake area. The unseasonably dry weather helped the fire spread quickly through upland pine forests and lowlands along headwater tributaries of Tauton Lakes. Local fire departments helped prevent the fire from reaching homes on the north side of the fire. About 150 acres were consumed before the fire was contained. Through the end of March there have been 531 wildfires that have consumed 1,400 acres of woodland in New Jersey in 2006. By comparison, there were only 94 wildfires that consumed 146 acres through March 31st in 2005.

Because of the unseasonably dry weather, the New Jersey Forest Fire Service has issued a Stage number 2 campfire restriction. No open fires were allowed either on the ground or within fire rings. Any ground fires had to be in a prepared, contained pit made of steel, stone, brick or concrete with a gravel or masonry base. All prescribed burning permits remained suspended. Agricultural open burning permits remained conditionally permitted subject to adequate precautions and the approval of the local fire warden.

March 2006 was the driest March on record (112 years) in the state of New Jersey. The preliminary statewide precipitation average was 0.86 inches, 3.31 inches drier than normal. It was also the driest March on record at the Atlantic City International Airport. The monthly precipitation total of 0.37 inches surpassed the previous record of 0.70 inches set in 1966 and was 3.69 inches drier than normal. The Mercer County Airport March monthly precipitation total was 1.30 inches, 2.16 inches drier than normal.

NEW MEXICO, Central and North

NMZ004>005-008-010>011-017-026

Sangre De Cristo Mountains - Northeast Highlands - Westcentral Mountains - Sandia/Manzano Mountains - Central High Plains/Estancia Valley County - Capitan/Northern Sacramento Mountains - Guadalupe Mountains Of Chaves County

10	1300MST 1600MST	0	0	High Wind (G55)
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High winds buffeted the higher peaks and adjacent highlands of the west central, central and south central mountains.

NMZ001>004-008-014

Northwest Plateau - Northwest Mountains Including Jemez - Upper Rio Grande Valley - Sangre De Cristo Mountains - Westcentral Mountains - Southwest Mountains/Upper Gila Region

11	2100MST	0	0	Winter Storm
12	0900MST			

The strongest winter storm of this dry season moved slowly across west central and north central New Mexico dumping nearly 2 feet of needed snow over the higher mountain peaks while many lower elevation areas along and west of the Continental Divide received 6 to 12 inches. Heaviest amounts ranged from near 20 inches at Luna in western Catron County to an estimated 32 inches on the peaks and in the passes of the Chuska Mountains northwest of Gallup. Amounts of 8 to 10 inches ranged as far northeast as Dulce and Chama while even Santa Fe reported 6 inches from the storm. Lesser amounts of 2 to 4 inches were common through parts of the central Rio Grande Valley including the Albuquerque metro area and the nearby Sandia and Manzano Mountains.

NMZ005-007-011

12	1200MST 1700MST	0	0	High Wind (G57)
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Sustained winds reached above 40 mph with gusts of 55 to 60 mph along the east slopes of the central and northeast mountains and

Storm Data and Unusual Weather Phenomena

March 2006

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

NEW MEXICO, Central and North

also across the far northeast plains between Las Vegas and Clayton.

NMZ002-004>005-007 Northwest Mountains Including Jemez - Sangre De Cristo Mountains - Northeast Highlands - Far Northeast Plains

19	0000MST				0	0			Heavy Snow
20	1700MST								

Several periods of heavy snow produced amounts ranging from 4 to 6 inches at the lower elevations and heavier 10 to 14 inch amounts on the peaks across the north central mountains and the northeast plains. The first burst caught the areas from Chama to Taos and Red River while the second burst provided heavy snow to the eastern slopes of the Sangre de Cristo Mountains at Angel Fire eastward into the far northeast plains at Folsom and Des Moines.

NMZ002 Northwest Mountains Including Jemez

22	0400MST				0	0			Winter Storm
	1400MST								

Bursts of heavy snow up to 5 to 6 inches were reported along the Continental Divide from Chama to west of Cuba.

NEW MEXICO, South Central and Southwest

NMZ025 Southern Sacramento Mountains

20	0200MST				0	0			Heavy Snow
	0800MST								

Six to eight inches of snow blanketed the Cloudcroft area in the southern Sacramento Mountains.

NEW MEXICO, Southeast

NMZ028 Eddy County Plains

12	1011MST				0	0	5K	0	High Wind (G64)
	1431MST								

A mountain high wind event extended down to the plains of southeastern New Mexico on the 12th. The highest wind gust was 74 mph recorded at the Artesia AWOS (KATS). A window was blown out of the Sherwin-Williams paint store in Artesia. Power lines were blown down in parts of Artesia, leaving some residents without power for several hours. A small metal shed under construction on New Mexico Highway 137, 9 miles west of Lakewood was blown down. Minor roof damage was reported in several locations 4 miles north of Artesia. A handful of farmers also experienced wind damage to their irrigation side row sprinkler systems.

NMZ033 Central Lea County

12	1100MST				0	1	300K	0	Wildfire
13	1100MST								

An emergency flare at a gas plant near McDonald, New Mexico started a wildfire that grew to nearly 100,000 acres. Sustained wind speeds of 35 to 45 mph with gusts to 84 mph and very low relative humidity values contributed to the rapid growth and spread of this fire. These high winds occurred as both upper-level height gradients and surface pressure gradients tightened as a strong upper-level low pressure system approached southeastern New Mexico. The fire began around 10:30am MST and was visible on satellite by 11:00am MST. The NWS first learned of the fire through a cooperative observer in Tatum, New Mexico, who submitted a storm report online at 11:42am MST. New Mexico State Road 206 was closed by the New Mexico State Police between Tatum and McDonald due to the fire. News reports in later days indicated that the final acreage of the burn area was 92,390 acres. The fire was contained Monday, March 13th after burning down the U.S. Post Office, two primary residences, four abandoned homes, three barns, and several pieces of fire equipment. Two dozen fire departments fought to put out the fire and one man suffered burns and was treated at a burn center in Lubbock, Texas. All of the destroyed properties above were taken into account for the property damage estimate above. It is not known at this time if any crops were being grown in the area of the fire.

NMZ028-028-028 Eddy County Plains

12	1202MST				0	0	10K	0	High Wind (G73)
	1342MST								

The Automated Weather Observing System at Artesia, New Mexico (KATS) recorded a wind gust of 84 mph. Local law enforcement reported a large tree down in town.

Eddy County 1 NE Carlsbad

19	1600MST				0	0	5K	0	Thunderstorm Wind (G50)
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Severe thunderstorm winds snapped a power pole in two in the La Huerta area of northeastern Carlsbad.

Eddy County Carlsbad to 3 SW Carlsbad

19	1907MST				0	0	0	0	Hail (0.88)
	1920MST								

Eddy County 3 E Queen

19	1910MST				0	0	0	0	Thunderstorm Wind (G59)
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The Remote Automated Weather Station at Queen, New Mexico recorded a wind gust of 68 mph.

Eddy County Lakewood

19	1928MST				0	0	0	0	Hail (0.88)
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Eddy County Artesia

19	1940MST				0	0	0	0	Hail (0.88)
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Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEW MEXICO, Southeast</u>									
Eddy County									
Otis	19	2005MST			0	0	0	0	Hail (1.50)
Eddy County									
10.5 SW Carlsbad to 2 SE Carlsbad	19	2015MST 2045MST			0	0	0	0	Hail (0.88)
			Pea to Nickel size hail accumulated to a depth of two inches on U.S. Highway 62/180 south of Carlsbad, near Black River Village. The accumulated hail caused cars to slide off the road, including one accident that didn't result in any injuries.						
Eddy County									
Carlsbad to 8 S Carlsbad	19	2030MST 2230MST			0	0	0	0	Flash Flood
			A NWS trained spotter reported six inches of running water over the Old Cavern Highway (Eddy County Road 748) from Carlsbad to eight miles south of Carlsbad.						
Eddy County									
6 S Carlsbad Arpt	19	2051MST			0	0	0	0	Hail (0.88)
			Nickel size hail fell on Dark Canyon Road, six miles south of the Carlsbad airport.						
Lea County									
13 S Eunice	19	2145MST			0	0	0	0	Hail (0.75)
			Penny size hail was reported 13 miles south of Eunice on New Mexico Highway 18.						
Lea County									
2 E Hobbs	19	2150MST			0	0	0	0	Hail (1.00)
			Quarter size hail was reported two miles east of Hobbs on U.S. Highway 62/180.						
<u>NEW YORK, Central</u>									
NYZ015-022- 024>025-045-055>057	Yates - Steuben - Chemung - Tompkins - Chenango - Tioga - Broome - Delaware								
	02	1500EST 1900EST			0	0			Heavy Snow
			A low pressure system tracked from Missouri late on March 1st, through the Ohio Valley, to off the Mid-Atlantic coast by Thursday evening, March 2nd. Light snow overspread the region on the morning of the 2nd, with several inches of snow falling across Upstate New York by the time the snow tapered off during the evening. Generally, 3 to 6 inches of snow fell across the area, but higher amounts were found along the southern tier of New York, where roughly 6 to 10 inches fell.						
Cortland County									
Homer to Mc Graw	13	1900EST 2100EST			0	0	50K		Flash Flood
			A strong low pressure system moved through the Great Lakes on Monday, the 13th, and pulled a warm front north into central New York. Moist air streaming northward with this warm front brought showers with embedded heavier rains from thunderstorms to central NY. The heaviest rain was concentrated in Cortland County where between 1 and 2 inches of rain fell in a couple hours. This heavy rain caused flash flooding in McGraw, Homer and Cortland. Law enforcement officials reported road closures from water over roadways, mudslides and uprooted trees from gusty winds and a saturated ground. Several basements were also flooded in McGraw.						
Cortland County									
Cortland	14 15	1300EST 1000EST			0	0	10K		Flood
			Heavy rains from the same storm that brought flash flooding to Homer, Cortland and McGraw late on the 13th, eventually brought the Tioughnioga River at Cortland over its flood stage of 8 ft on the afternoon of the 14th. The river crested between 8 and 9 feet during the evening before falling below the flood stage on the morning of the 15th. The river flooded many fields between Marathon and Cortland. The times of the flooding and the river crest is estimated due to a river gauge malfunction.						
NYZ009	Northern Oneida								
	15	0100EST 2000EST			0	0			Lake-Effect Snow
			Unseasonably cold air moved into Upstate New York behind a cold front and combined with a series of upper level disturbances to bring heavy lake effect snow east of Lake Ontario. Snow showers across the southern Tug Hill Plateau organized into heavier lake effect snow bands during the night of the 14th and morning of the 15th. Snow totals ranged from 8 to 16 inches. The lake effect snow moved north of the area around midday on the 15th.						
<u>NEW YORK, Coastal</u>									
NYZ079-081	Northeast Suffolk - Southeast Suffolk								
	02	1900EST			0	0			Winter Storm
			A low pressure system emerged from the Ohio Valley Thursday morning, March 2, and tracked off the northern Middle Atlantic Coast during the afternoon and evening hours. This storm moved south and east of New York City. Snow broke out across the east end of Long Island around 10 am and tapered off between 7 and 9 pm. Snowfall totals ranged from 3 to 5 inches. During the early afternoon hours, the snow mixed with or briefly changed to freezing rain. This event had a high impact as the heaviest snow fell						

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, Coastal

during the evening commute. Many traffic accidents were reported across the region.

Here are selected snowfall amounts for Suffolk County: Cutchogue 4.7 inches, Sag Harbor 3.9 inches.

NYZ067>070

Orange - Putnam - Rockland - Northern Westchester

02 2100EST

0 0

Winter Storm

A low pressure system emerged from the Ohio Valley Thursday morning, March 2, and tracked off the northern Middle Atlantic Coast during the afternoon and evening hours. This storm moved south and east of New York City. Snow broke out across the Lower Hudson Valley around 8 am and tapered off between 5 and 6 pm. Snowfall totals ranged from 3 to 5 inches. During the early afternoon hours the snow mixed with sleet and freezing drizzle. This event had a high impact as it affected both the morning and early evening commutes. Many traffic accidents were reported across the region.

Here are selected snowfall amounts for:

Orange County - Newburgh 7.0 inches; Hamptonburgh, New Windsor, and Westtown 5.0 inches

Rockland County - Stony Point 4.4 inches

Westchester County- Yorktown Heights 4.5 inches.

NEW YORK, East

NONE REPORTED.

NEW YORK, North

NYZ029>030-034-087

Southeastern St. Lawrence - Southern Franklin - Western Essex - Southwestern St. Lawrence

14 2000EST

0 0 10K

Winter Weather

15 0300EST

A strong blocking pattern in the upper levels across Greenland maintained a strong upper level low across Newfoundland with several disturbances rotating into Quebec. This feature caused an unusually late season Lake effect snow band off Lake Ontario to briefly affect portions of the Adirondacks during the night of the 14th and early morning of the 15th. Snowfall accumulations along a west to east band in the vicinity of Route 3 was 2 to 4 inches. Some specific snowfall amounts include: 2 inches in Edwards, 3 inches in Newcomb and 6 inches in Tupper Lake.

NEW YORK, West

NYZ010>014-

019>021-085

Northern Erie - Genesee - Wyoming - Livingston - Ontario - Chautauqua - Cattaraugus - Allegany - Southern Erie

02 1300EST

0 0 45K

Heavy Snow

1800EST

Low pressure developed over the Midwest then moved across Ohio and Pennsylvania spreading snow across the western sections. A blanket of eight to ten inches of snow covered the western southern tier and parts of the Niagara Frontier and Finger Lakes Region. The heavy wet snow made driving treacherous and numerous accidents resulted.

NYZ006

Oswego

15 1430EST

0 0 10K

Heavy Snow

2030EST

A cold westerly flow produced lake effect snows over Oswego county during the afternoon and early evening hours. Up to eight inches of snow fell in less than six hours over the higher elevations of the county.

NYZ004>006

Wayne - Northern Cayuga - Oswego

19 0845EST

0 0 15K

Heavy Snow

1530EST

A cold, northwest flow brought late-season lake effect snows to areas southeast of Lake Ontario. Six to eight inches of snow fell across parts of Wayne, Northern Cayuga and Oswego counties during the morning and early afternoon hours.

NORTH CAROLINA, Central

NOT RECEIVED.

NORTH CAROLINA, Central Coastal

NONE REPORTED.

NORTH CAROLINA, Extreme Southwest

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

March 2006

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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NORTH DAKOTA, Central and West

Heavy wet snow fell over the area with snow reports of 9 inches at Fullerton and LaMoure. There was very little wind with the snow, mostly under 15 mph.

NDZ018-034-041>042-044>045
Dunn - Morton - Hettinger - Grant - Adams - Sioux

19	0600CST								
	1500CST				0	0			Winter Storm

This was a prolonged winter weather event, beginning on Saturday, March 18, with light snow, and continuing well into Sunday afternoon, March 19, with heavy snow and high wind. Warning criteria was not met until the early morning hours of Sunday. Wind speeds gusted as high as 46 mph at Hettinger and 41 mph at Dickinson. Along with the heavy wet snow visibility was reduced to a half mile for long periods of time and occasionally lower than that. Snow reports were 12 inches on the South Dakota side of the North Dakota-South Dakota border (south of Sioux County), 10 inches at Mott, 8 1/4 inches at Halliday, 8 inches at Hettinger, and 7 inches at New England, Glen Ullin, and pretty Rock.

NORTH DAKOTA, East

Benson County

Countywide	01	0000CST							
	31	2359CST			0	0			Flood

Nelson County

Countywide	01	0000CST							
	31	2359CST			0	0			Flood

Ramsey County

Countywide	01	0000CST							
	31	2359CST			0	0			Flood

The ice started to break up on Devils Lake around March 15th. The height of the lake after ice-out was around 1447.85 feet MSL. Little change occurred in the lake elevation until around the end of the month, when most of the snow in the surrounding area finished melting. Therefore, the lake elevation only rose to about 1447.95 feet MSL by the end of March. Stump Lake, meanwhile, continued to rise nearly the entire month. On March 1st, the lake elevation was about 1437.55 feet MSL. By the end of March, Stump Lake has risen to 1438.20 feet MSL.

NDZ006>008-014>016-024-026-054
Towner - Cavalier - Pembina - Benson - Ramsey - Eastern Walsh - Eddy - Nelson - Western Walsh

01	0600CST								
02	0550CST				0	0			Heavy Snow

An area of surface low pressure tracked from eastern Kansas to southern Illinois. For a period of time, an inverted trough extended back up into the Red River Valley. This brought some heavy snow to areas mostly along the Canadian border, from Cando (ND) to Pembina (ND) to Baudette (MN). The most snow, 12 inches, fell at Pembina, Neche, and Walhalla. With the heavy snow, primary and secondary roads quickly became impassable. Many drivers lost sight of the roads and ended up in ditches. Many drivers pulled off Interstate 29 at Pembina and waited out the storm.

Ransom County

Countywide	21	0900CST							
	31	2359CST			0	0			Flood

Richland County

Countywide	21	0900CST							
	31	2359CST			0	0			Flood

Sargent County

Countywide	21	0900CST							
	31	2359CST			0	0			Flood

Prior to the start of the spring flood of 2006, several things pointed to a higher potential for flooding. Convective storms during the summer and fall of 2005 dropped a lot of rain across Richland, Ransom, and Sargent counties in southeast ND. Flows on many rivers, especially the mainstem Red River, were above normal. Snowfall through the winter was above normal along the Canadian border from Langdon (ND) to Cavalier (ND) to Hallock (MN), and also between the area from Fargo (ND) to Wahpeton (ND) to Battle Lake (MN) and to Detroit Lakes (MN). Temperature patterns over the main snowpack area through mid to late March stayed cool. The longer temperatures stayed cool, the better potential there was for a rapid snowmelt. And a rapid snowmelt is exactly what happened. Quite a few locations still reported snow on the ground on March 28th. In the following days, temperatures stayed above freezing, even at night. On the morning of March 30th, a broad area of surface low pressure set up from north central South Dakota into eastern Colorado. This kept warm and steady south to southeast winds over the remaining snowpack, further aiding its melt. To top it off, thunderstorms also developed on March 30th. Rain on top of the remaining snow also contributed to the quick snowmelt. By March 31st, only a few locations near the Canadian border had snow left. The meltwater quickly flowed into low areas, which resulted in road washouts and closures. As the water moved into river systems, many bridges were inundated with water. Since the flood of 1997, many communities have undergone major flood mitigation efforts. Buyouts of flood-prone homes and the construction of permanent city dikes, river diversions, and farmstead ring dikes were all started, in hopes of reducing the impacts of future floods. However, prior to the spring flood of 2006, problem areas still remained. Permanent dikes had yet to be completed at Wahpeton/Breckenridge and at Grand Forks/East Grand Forks. Permanent dike protection still had not started for

Storm Data and Unusual Weather Phenomena

March 2006

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

NORTH DAKOTA, East

residents of south Fargo. In contrast to river flooding, protection can be very difficult against overland flooding. When large amounts of snow quickly melt, the water can pond anywhere. And in the relatively flat Red River Valley, it can take a long time to recede. For more specific information (including damage amounts) on the spring flood, see the Storm Data narratives for April 2006 (when all of the river crests occurred).

Cass County Countywide

	29	0000CST			0	0			Flood
	31	2359CST							

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Grand Forks County Countywide

	30	0000CST			0	0			Flood
	31	2359CST							

Steele County Countywide

	30	0000CST			0	0			Flood
	31	2359CST							

Traill County Countywide

	30	0000CST			0	0			Flood
	31	2359CST							

Prior to the start of the spring flood of 2006, several things pointed to a higher potential for flooding. Convective storms during the summer and fall of 2005 dropped a lot of rain across Richland, Ransom, and Sargent counties in southeast ND. Flows on many rivers, especially the mainstem Red River, were above normal. Snowfall through the winter was above normal along the Canadian border from Langdon (ND) to Cavalier (ND) to Hallock (MN), and also between the area from Fargo (ND) to Wahpeton (ND) to Battle Lake (MN) and to Detroit Lakes (MN). Temperature patterns over the main snowpack area through mid to late March stayed cool. The longer temperatures stayed cool, the better potential there was for a rapid snowmelt. And a rapid snowmelt is exactly what happened. Quite a few locations still reported snow on the ground on March 28th. In the following days, temperatures stayed above freezing, even at night. On the morning of March 30th, a broad area of surface low pressure set up from north central South Dakota into eastern Colorado. This kept warm and steady south to southeast winds over the remaining snowpack, further aiding its melt. To top it off, thunderstorms also developed on March 30th. Rain on top of the remaining snow also contributed to the quick snowmelt. By March 31st, only a few locations near the Canadian border had snow left. The meltwater quickly flowed into low areas, which resulted in road washouts and closures. As the water moved into river systems, many bridges were inundated with water. Since the flood of 1997, many communities have undergone major flood mitigation efforts. Buyouts of flood-prone homes and the construction of permanent city dikes, river diversions, and farmstead ring dikes were all started, in hopes of reducing the impacts of future floods. However, prior to the spring flood of 2006, problem areas still remained. Permanent dikes had yet to be completed at Wahpeton/Breckenridge and at Grand Forks/East Grand Forks. Permanent dike protection still had not started for residents of south Fargo. In contrast to river flooding, protection can be very difficult against overland flooding. When large amounts of snow quickly melt, the water can pond anywhere. And in the relatively flat Red River Valley, it can take a long time to recede. For more specific information (including damage amounts) on the spring flood, see the Storm Data narratives for April 2006 (when all of the river crests occurred).

Cavalier County Countywide

	31	0000CST			0	0			Flood
		2359CST							

Pembina County Countywide

	31	0000CST			0	0			Flood
		2359CST							

Storm Data and Unusual Weather Phenomena

March 2006

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

Towner County

Countywide	31	0000CST 2359CST			0	0			Flood
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Walsh County

Countywide	31	0000CST 2359CST			0	0			Flood
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Prior to the start of the spring flood of 2006, several things pointed to a higher potential for flooding. Convective storms during the summer and fall of 2005 dropped a lot of rain across Richland, Ransom, and Sargent counties in southeast ND. Flows on many rivers, especially the mainstem Red River, were above normal. Snowfall through the winter was above normal along the Canadian border from Langdon (ND) to Cavalier (ND) to Hallock (MN), and also between the area from Fargo (ND) to Wahpeton (ND) to Battle Lake (MN) and to Detroit Lakes (MN). Temperature patterns over the main snowpack area through mid to late March stayed cool. The longer temperatures stayed cool, the better potential there was for a rapid snowmelt. And a rapid snowmelt is exactly what happened. Quite a few locations still reported snow on the ground on March 28th. In the following days, temperatures stayed above freezing, even at night. On the morning of March 30th, a broad area of surface low pressure set up from north central South Dakota into eastern Colorado. This kept warm and steady south to southeast winds over the remaining snowpack, further aiding its melt. To top it off, thunderstorms also developed on March 30th. Rain on top of the remaining snow also contributed to the quick snowmelt. By March 31st, only a few locations near the Canadian border had snow left. The meltwater quickly flowed into low areas, which resulted in road washouts and closures. As the water moved into river systems, many bridges were inundated with water. Since the flood of 1997, many communities have undergone major flood mitigation efforts. Buyouts of flood-prone homes and the construction of permanent city dikes, river diversions, and farmstead ring dikes were all started, in hopes of reducing the impacts of future floods. However, prior to the spring flood of 2006, problem areas still remained. Permanent dikes had yet to be completed at Wahpeton/Breckenridge and at Grand Forks/East Grand Forks. Permanent dike protection still had not started for residents of south Fargo. In contrast to river flooding, protection can be very difficult against overland flooding. When large amounts of snow quickly melt, the water can pond anywhere. And in the relatively flat Red River Valley, it can take a long time to recede. For more specific information (including damage amounts) on the spring flood, see the Storm Data narratives for April 2006 (when all of the river crests occurred).

OHIO, East

NONE REPORTED.

OHIO, North

OHZ003-006>014-017>023-027>033-036>038-047

Lucas - Wood - Ottawa - Sandusky - Erie - Lorain - Cuyahoga - Lake - Geauga - Ashtabula - Hancock - Seneca - Huron - Medina - Summit - Portage - Trumbull - Wyandot - Crawford - Richland - Ashland - Wayne - Stark - Mahoning - Marion - Morrow - Holmes - Knox

10		0030EST 0630EST			0	0	380K		Strong Wind
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An area of strong low pressure over Central Indiana at midnight on March 10th moved northeast across Lower Michigan and into southeastern Ontario by daybreak. A strong cold front trailing this low swept east across northern Ohio during the predawn hours of the 10th. Winds ahead and along this front gusted in excess of 50 mph. Peak gusts of 57 mph were recorded in Lorain, Holmes and Stark Counties. Many trees and large limbs were reported down across the region. Scattered power outages were also reported.

Portage County

Mantua	13	0940EST			0	0			Hail (0.75)
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Penny size hail was observed.

OHZ003

Lucas

13		1500EST 1600EST			0	0	7K		High Wind (G50)
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An area of strong low pressure moved across the central Great Lakes on March 13th. A cold front extending south from this low swept east across Northwest Ohio during the late afternoon hours. Winds briefly gusted in excess of 50 mph as this front moved through. A few trees and large limbs were downed.

Wood County

Tontogany	31	2000EST			0	0			Hail (0.75)
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Penny size hail was observed.

OHIO, Northwest

OHZ024

Van Wert

13		1144EST			1	0			Strong Wind
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A semi was blown over on US 30, one miles north of Delphos by gradient winds caused in the wake of a strong cold front. The driver was ejected from the cab and was subsequently died. M?VE

Storm Data and Unusual Weather Phenomena

March 2006

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, Northwest</u>									
Van Wert County									
Convoy	31	1922EST 1923EST			0	0			Thunderstorm Wind (G52)
Paulding County									
1 N Antwerp	31	1925EST 1926EST			0	0	10K		Thunderstorm Wind (G55)
Utility poles were blown down near the intersection of county roads 192 and 49. A chimney was blown down near the intersection of county roads 53 and 220.									
Van Wert County									
Willshire	31	1930EST 1931EST			0	0			Thunderstorm Wind (G55)
A semi was blown over while in motion on US 33 near Wilshire. No injuries were reported.									
Van Wert County									
3 SW Ohio City to 3.5 SW Ohio City	31	1935EST 1936EST			0	0	10K		Thunderstorm Wind (G60)
4 large pine trees were uprooted as well as part of a barn roof being pulled off. An empty silo was also rolled into a field in the area.									
Van Wert County									
Ohio City	31	1937EST 1938EST			0	0			Hail (1.25)
Van Wert County									
1.5 SE Ohio City	31	1937EST 1938EST			0	0	15K		Thunderstorm Wind (G61)
A parked semi trailer was blown over. Siding was ripped off the side of a house as well as large limbs being broken off a tree on the property.									
Van Wert County									
1 S Ohio City	31	1937EST 1938EST			0	0	10K		Thunderstorm Wind (G61)
Strong winds, estimated around 70 mph, lifted the corner of a metal factory in Ohio City, sucked out some insulation and set the corner back down. No injuries were reported.									
Van Wert County									
1 S Ohio City to 2 E Ohio City	31	1938EST 1942EST	2	300	0	0	1M		Tornado (F2)
The tornado was likely produced as the result of a line of thunderstorms overtaking an isolated supercell thunderstorm ahead of the line. The circulation which produced the tornado intensified shortly after the merger of the line and isolated supercell. The tornado developed near the intersection of Burriss Road and Walnut Grove Church Road about 1 mile south of Ohio City. The tornado tracked to the east-northeast for roughly 2 miles before dissipating near Greenville Rd about 2 miles east of Ohio City. Damage along the first half of the tornado track was consistent with F2 intensity, with winds estimated at 140-150 mph and an initial path width of about 300 yards. In this area, 3 barns were completely destroyed, with another 5 sustaining damage. A garage was destroyed, and several houses received damage including roof, siding, and windows. Several grain bins were also damaged, along with other miscellaneous vehicle and property damage, including several tractors, a combine and other farm implements. Damage along the second half of the tornado track was consistent with F1 intensity, with the path width narrowing to about 25 yards. Several buildings sustained roof, siding, and window damage, with several instances of trailer and vehicle damage.									
Van Wert County									
Ohio City	31	1943EST			0	0			Hail (0.75)
Van Wert County									
3 E Ohio City to 4 E Ohio City	31	1944EST 1946EST			0	0	30K		Thunderstorm Wind (G60)
Damaging winds continued east after the dissipation of the tornado east of Ohio City, causing damage to several barns on Mendon Rd. A older vacant barn on Ries Rd was destroyed by the high winds.									
<u>OHIO, Southeast</u>									
NONE REPORTED.									
<u>OHIO, Southwest</u>									
OHZ078									
Clermont									
09		2130EST 2135EST			0	0	5K		Strong Wind
Strong winds peeled a roof off of a barn near Felicity.									
Warren County									
6 NE Lebanon	11	1810EST 1814EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Adams County 4 SW West Union	11	1935EST 2030EST			0	0			Flood
Heavy rain affected south central Ohio during the evening, with some locations receiving over one inch across Adams County. The heavy rain caused some high water over State Route 41 near Bentonville.									
Hamilton County Countywide	12	0805EST 1100EST			0	0			Flash Flood
Numerous roads were flooded across the Cincinnati metro area.									
Adams County West Union	12	0910EST 1010EST			0	0			Flash Flood
Several roads were flooded and closed.									
Fayette County 2 NW Jeffersonville	12	0935EST 1115EST			0	0			Flood
State Route 41 was flooded at the intersection with Moon-Evans Road.									
Scioto County Otway	12	0940EST 1015EST			0	0			Flash Flood
State Route 73 was flooded and closed.									
Clinton County Wilmington	12	0945EST 1115EST			0	0			Flood
Several roads were flooded.									
Hocking County 5 NW Logan	12	0945EST 1115EST			0	0			Flood
State Route 180 was flooded.									
Pike County Countywide	12	0945EST 1115EST			0	0			Flood
Numerous roads were flooded across the county.									
Butler County Middletown	12	0950EST 1130EST			0	0			Flash Flood
Several roads were flooded in town.									
Warren County 7 W Lebanon	12	0950EST 1130EST			0	0			Flash Flood
Dicks Creek rose out of its bank between Middletown and Lebanon.									
Clermont County Countywide	12	1010EST 1130EST			0	0			Flash Flood
Roads were flooded.									
OHZ070>071- 077>079-081	21	1000EST 1400EST			0	0			Winter Storm
Butler - Warren - Hamilton - Clermont - Brown - Adams									
A low pressure system tracked from the southern plains into the northern Tennessee and southern Ohio valleys during the overnight hours of Monday, March 20th. A wintry mix occurred over the Cincinnati metro area with heaviest snowfall occurring in southeast Indiana. Over portions of southcentral Ohio, freezing rain accumulated to a quarter inch. The system tracked quickly through the area and snowfall turned off from west to east on the afternoon of Tuesday, March 21st. Due to the brunt of the system striking the metropolitan area during rush hour...significant delays occurred in the tri-state area.									
Mercer County Rockford	31	1936EST 1939EST			0	0	3K		Thunderstorm Wind (G52)
A semi truck was blown over along US Route 33 near Rockford.									

Storm Data and Unusual Weather Phenomena

March 2006

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

OHIO, Southwest

Clermont County

3 S Felicity	31	2315EST 2318EST			0	0	6K		Thunderstorm Wind (G50)
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Part of a roof was peeled off a house. Power lines were also downed in the area.

OKLAHOMA, Eastern

OKZ049-053>076

Pushmataha - Choctaw - Osage - Washington - Nowata - Craig - Ottawa - Pawnee - Tulsa - Rogers - Mayes - Delaware - Creek - Okfuskee - Okmulgee - Wagoner - Cherokee - Adair - Muskogee - McIntosh - Sequoyah - Pittsburg - Haskell - Latimer - Le Flore

01		0000CST			0	0		Drought
31		2359CST						

Several widespread rain events during the month of March resulted in long-term drought conditions improving from the exceptional (D4) category across most of eastern Oklahoma early in the month to severe (D2) over most of the region by the end of the month with the exception of the northeastern district, which was categorized as extreme (D3). Some of the heavier rainfall amounts for the month included 7.50 inches at Hugo OK, 7.10 inches at Talihina OK, 6.62 inches at Antlers OK, 6.68 inches at Cloudy OK, 6.28 inches at Wister OK, 6.17 inches at Tuskahoma OK, and 6.09 inches at Bengal OK. Normal precipitation for the month of March ranges from around 3.10 inches in Pawnee County to 4.30 inches in LeFlore County.

This rainfall had a significant effect on a couple of major reservoirs in southeastern Oklahoma. Both Hugo Lake and Lake Wister went from below 70 percent of their normal pools through the first three weeks of the month to being fully replenished by the end of the month. By the end of the month, the only major reservoirs that remained below 75 percent of their normal pools were Eufaula, Tenkiller, and Beaver.

Despite the much needed rainfall that occurred in March across eastern Oklahoma, major rainfall deficits continued over the long-term. Since October, the northeastern Oklahoma district received only 33 percent of its normal average rainfall while the east central district received 38 percent and the southeastern district received 55 percent.

The burn ban that was issued for Oklahoma in mid November was lifted by the Governor on March 20th but was reinstated for all but 10 counties in the southeastern portion of the state on March 27th.

OKZ072

Sequoyah

01		1100CST 2100CST			0	0	50K	Wildfire
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A wildfire burned several hundred acres and consumed an unoccupied home and several outbuildings.

OKZ067

Wagoner

01		1100CST 2100CST			0	0		Wildfire
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A wildfire burned nearly 500 acres of land around Broken Arrow.

OKZ064

Creek

01		1100CST 2100CST			0	0	250K	Wildfire
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A wildfire burned hundreds of acres of land and consumed four homes southwest of Mannford.

OKZ067-070

Wagoner - Muskogee

07		1200CST 2100CST			0	0		Wildfire
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A wildfire burned about 4000 acres of land around the Haskell area.

OKZ056

Nowata

07		1200CST 2100CST			0	0		Wildfire
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A wildfire burned nearly 200 acres of land around Nowata.

OKZ054

Osage

08		1200CST 2200CST			0	0		Wildfire
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A wildfire burned nearly 1000 acres of land around Burbank.

Le Flore County

Rock Is	08	1215CST			0	0		Hail (0.75)
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Le Flore County

5 E Cowlington	08	2040CST			0	0		Thunderstorm Wind (G52)
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Sequoyah County

4 SSE Gans	08	2045CST			0	0		Thunderstorm Wind (G61)
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Thunderstorm winds estimated at 70 miles an hour blew down numerous trees.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Eastern</u>									
Mcintosh County									
Hanna	09	0105CST			0	0			Hail (0.75)
Pittsburg County									
5 S Savanna	09	0111CST			0	0			Thunderstorm Wind (G68)
			A storm chaser measured a 78 mile an hour wind gust.						
Pittsburg County									
4 S Mc Alester	09	0115CST			0	0			Thunderstorm Wind (G51)
			An Oklahoma mesonet site recorded at 59 mile an hour wind gust.						
Pittsburg County									
Mc Alester	09	0130CST			0	0	5K		Thunderstorm Wind (G52)
			Thunderstorm winds estimated at 60 miles an hour damaged an awning and some lamp poles.						
Muskogee County									
Muskogee	09	0132CST			0	0			Hail (1.00)
Pittsburg County									
Quinton	09	0134CST			0	0	40K		Hail (2.50)
Latimer County									
Wilburton	09	0140CST			0	0			Hail (1.00)
Latimer County									
Wilburton	09	0140CST			0	0			Thunderstorm Wind (G52)
Muskogee County									
Warner	09	0140CST			0	0	5K		Thunderstorm Wind (G61)
			Thunderstorm winds estimated at 70 miles an hour damaged a commercial building.						
Pittsburg County									
Krebs	09	0140CST			0	0	1K		Thunderstorm Wind (G52)
			Thunderstorm winds estimated at 60 miles an hour damaged an outbuilding.						
Pittsburg County									
8 E Mc Alester	09	0140CST			0	0			Hail (0.75)
Haskell County									
Stigler	09	0145CST			0	0	25K		Thunderstorm Wind (G64)
			An Oklahoma mesonet site near Stigler recorded a 74 mile an hour wind gust. The strong wind damaged outbuildings, removed large sections of metal roofing from structures, and damaged signs.						
Haskell County									
2 S Whitefield	09	0145CST			0	0	5K		Thunderstorm Wind (G61)
			Thunderstorm winds estimated at 70 miles an hour blew down trees and destroyed a few outbuildings.						
Haskell County									
Mc Curtain	09	0150CST			0	0	1K		Thunderstorm Wind (G61)
			Thunderstorm winds estimated at 70 miles an hour damage a school building.						
Muskogee County									
Webbers Falls	09	0155CST			0	0			Thunderstorm Wind (G54)
			An Oklahoma mesonet site near Webbers Falls recorded a 62 mile an hour wind gust.						
Latimer County									
Red Oak	09	0200CST			0	0	10K		Thunderstorm Wind (G70)
			Thunderstorm winds estimated at 80 miles an hour blew down trees and power lines. Roofs of several buildings were damaged.						
Sequoyah County									
3 S Sallisaw	09	0207CST			0	0	15K		Thunderstorm Wind (G61)
			Thunderstorm winds estimated at 70 miles an hour moved one end of a trailer home off its foundation and blew off its roof. Several trees were also blown down.						
Cherokee County									
Tahlequah	09	0210CST			0	0			Hail (0.88)
Cherokee County									
Tahlequah	09	0210CST			0	0	1K		Thunderstorm Wind (G52)
			Thunderstorm winds estimated at 60 miles an hour blew down power lines.						
Sequoyah County									
1 S Marble City	09	0211CST			0	0			Thunderstorm Wind (G61)
			Thunderstorm winds estimated at 70 miles an hour blew down some trees.						
Le Flore County									
Panama	09	0212CST			0	0	1K		Thunderstorm Wind (G61)
			Thunderstorm winds estimated at 70 miles an hour blew a strip of siding off the post office.						

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Eastern</u>									
Le Flore County Panama	09	0218CST			0	0			Hail (0.88)
Adair County Bunch	09	0219CST			0	0			Hail (0.88)
Le Flore County Cameron	09	0225CST			0	0			Hail (0.88)
Le Flore County Cameron	09	0225CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew trees down.									
Le Flore County Rock Is	09	0230CST			0	0			Hail (0.75)
Le Flore County Rock Is	09	0230CST			0	0			Thunderstorm Wind (G52)
Haskell County Star	09	0410CST			0	0			Thunderstorm Wind (G57)
Sequoyah County Roland	09	0431CST			0	0			Hail (1.00)
Pittsburg County Canadian to 3 E Canadian	09	1208CST 1215CST			0	0			Hail (1.00)
Haskell County 2 NE Enterprise	09	1230CST			0	0			Hail (1.00)
Muskogee County 2 SE Briartown	09	1230CST			0	0			Hail (1.00)
Haskell County Tamaha	09	1305CST			0	0			Hail (0.75)
Sequoyah County Sallisaw	09	1319CST			0	0			Hail (0.75)
Sequoyah County Gans	09	1323CST			0	10	25K		Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour damaged the roof of a school. Debris from the roof blew into a room where students were sheltering from the storm and injured 10 of the students.									
Sequoyah County Roland	09	1337CST			0	0			Hail (1.00)
OKZ060 Tulsa	10	1200CST 2100CST			0	0	150K		Wildfire
A wildfire destroyed two mobile homes, a tractor trailer, fire trucks, and storage buildings.									
Pushmataha County 8 W Eubanks	10	2236CST			0	0			Hail (1.00)
Pushmataha County Moyers	10	2252CST			0	0			Hail (0.88)
Le Flore County Panama	11	0010CST			0	0			Thunderstorm Wind (G52)
Le Flore County 1 NW Shady Pt to 1.5 NW Shady Pt	11	0012CST 0014CST	1.5	100	0	0	700K		Tornado (F1)
A tornado associated with the north end of a bowing convective line segment destroyed two chicken houses, severely damaged several homes, destroyed sheds and outbuildings, snapped and uprooted a number of trees, and blew down power lines and power poles.									
Le Flore County Shady Pt	11	0013CST			0	0	3K		Thunderstorm Wind (G61)
Thunderstorm winds blew down power poles.									
Le Flore County Arkoma	11	0047CST			0	0			Hail (0.75)
Mcintosh County Hitchita	11	1302CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Eastern</u>									
Cherokee County									
Tahlequah	11	1421CST			0	0			Hail (0.75)
Adair County									
5 W Watts	11	1455CST			0	0			Hail (0.75)
Adair County									
Watts	11	1501CST			0	0			Hail (0.75)
Mayes County									
1 W Salina	11	1617CST			0	0			Hail (1.75)
Delaware County									
6 W Zena	11	1639CST			0	0			Hail (0.88)
Mayes County									
Chouteau	11	1646CST			0	0			Hail (0.75)
Mayes County									
Salina	11	1705CST			0	0			Hail (0.75)
Mayes County									
Pensacola	11	1718CST			0	0			Hail (0.88)
Delaware County									
Jay	11	1725CST 1751CST			0	0	25K		Hail (1.75)
Le Flore County									
Rock Is	11	2045CST			0	0			Hail (1.00)
Le Flore County									
Poteau	11	2116CST			0	0			Hail (1.00)
Choctaw County									
10 NNE Unger	11	2200CST			0	0			Hail (0.75)
Pushmataha County									
5 S Darwin	11	2200CST			0	0			Hail (0.75)
Le Flore County									
Wister	11	2218CST			0	0			Hail (0.75)
Ottawa County									
Miami	11	2220CST			0	0			Hail (1.00)
Latimer County									
3 NE Yanush	11	2308CST			0	0			Hail (0.88)
Latimer County									
3 NE Yanush	11	2308CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew down trees.									
Haskell County									
Keota	11	2328CST			0	0			Hail (0.75)
Sequoyah County									
Akins	11	2353CST			0	0			Hail (0.75)
Washington County									
Copan	12	1826CST			0	0	25K		Hail (1.75)
Okfuskee County									
Paden	12	1852CST			0	0			Hail (0.88)
Tulsa County									
Sand Spgs	12	1857CST			0	0			Hail (0.75)
Washington County									
2 E Bartlesville	12	1859CST			0	0			Hail (1.75)
Nowata County									
Lenapah	12	1911CST			0	0			Hail (0.88)
Creek County									
5 E Bristow	12	1923CST			0	0			Hail (1.25)
Tulsa County									
Sperry	12	1923CST			0	0			Hail (0.75)
Creek County									
Kiefer	12	1924CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Eastern</u>									
Creek County Sapulpa	12	1928CST			0	0	10K		Hail (1.50)
Creek County 5 SSW Sapulpa	12	1930CST			0	0			Hail (0.88)
Tulsa County Owasso	12	1930CST			0	0	25K		Hail (1.75)
Tulsa County 6 S Tulsa	12	1933CST			0	0			Hail (0.75)
Penny size hail was reported near 68th Street South and Riverside Drive.									
Tulsa County 3 S Tulsa	12	1936CST			0	0			Hail (1.00)
Quarter size hail was reported near 29th Street South and Peoria.									
Tulsa County 3 W Tulsa	12	1937CST			0	0			Hail (1.00)
Rogers County 11 WSW Claremore	12	1947CST			0	0			Hail (1.00)
Quarter size hail was reported 3 miles east of Owasso.									
Rogers County 5 W Claremore	12	1958CST			0	0			Hail (0.75)
Tulsa County Owasso	12	2005CST			0	0			Hail (1.25)
Rogers County 6 NE Bushyhead	12	2007CST			0	0			Hail (1.00)
Quarter size hail was reported at Chelsea.									
Wagoner County Coweta	12	2012CST			0	0			Hail (0.75)
Wagoner County 11 NE Coweta	12	2029CST			0	0			Hail (0.75)
Craig County Vinita	12	2030CST			0	0			Hail (1.00)
Mayes County Murphy	12	2041CST			0	0			Hail (0.88)
Craig County 5 NE Vinita	12	2042CST			0	0			Hail (1.00)
Mayes County Locust Grove	12	2054CST			0	0			Hail (0.88)
Ottawa County Wyandotte	12	2103CST			0	0			Hail (1.00)
Mayes County Locust Grove	12	2108CST			0	0	25K		Hail (1.75)
Cherokee County 1 N Peggs to 7 NW Scrapper	12	2109CST 2118CST	12	220	0	0	50K		Tornado (F1)

Thunderstorms developed ahead of a dry line late in the afternoon on the 12th. The atmosphere ahead of the dry line was highly unstable and had strong low level wind shear. The combination of the instability and wind shear promoted the development of supercell thunderstorms, which moved east-northeast across northeastern Oklahoma and northwestern Arkansas during the evening. The southernmost supercell produced four tornadoes. The tornadoes were on the ground for a combined 65 miles.

The first tornado touched down in northwestern Cherokee County and moved east-northeast producing up to F1 damage in the county as assessed by a survey team. In Cherokee County, several homes received minor damage, outbuildings were destroyed, power lines were downed, and numerous trees were snapped or uprooted.

This tornado continued into southern Delaware County about 2 miles south of Leach and eventually produced damage that was rated F3 on the Fujita Scale.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OKLAHOMA, Eastern</u>									
Delaware County 2 S Leach to 4 NE Colcord	12	2118CST 2142CST	17	440	0	8	3M		Tornado (F3)
The first tornado, which touched down in northwestern Cherokee County, continued into southern Delaware County. Damage suggested the tornado widened and strengthened as it moved through southern Delaware County reaching a maximum width of around 1/4 of a mile. The tornado damaged 95 homes, destroying 42 of those homes. Five businesses were also damaged. Numerous trees were snapped or uprooted and about 100 power poles were downed, which resulted in more than 5000 people losing power as a result of the storm. The worst damage from this tornado was found from near Twin Oaks to about 4 miles west-southwest of Colcord. The tornado injured eight people.									
Delaware County 3 SE Colcord to 6 E Colcord	12	2137CST 2144CST	6	200	0	0	750K		Tornado (F1)
The supercell thunderstorm cycled and a second tornado formed southeast of Colcord while the first tornado was dissipating northeast of town. The second tornado destroyed two chicken houses, damaged homes, destroyed outbuildings, snapped or uprooted numerous trees, and downed power poles.									
This tornado continued into Benton County, Arkansas from about two miles south of Cherokee City to four miles southwest of Bentonville, producing up to F3 damage on the Fujita Scale. See Storm Data for Arkansas, Northwest for details concerning the Benton County segment.									
Craig County Welch	12	2302CST			0	0			Hail (0.88)
Rogers County Claremore	12	2305CST			0	0			Hail (0.88)
Ottawa County Commerce	12	2318CST			0	0			Hail (0.75)
Ottawa County Picher	12	2320CST			0	0			Hail (1.00)
Mayes County 5 NNE Adair	12	2330CST			0	0	1K		Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew shingles off a roof and blew down large tree limbs.									
Craig County 6 S Vinita	12	2341CST			0	0			Hail (0.88)
Delaware County Bernice	12	2350CST			0	0			Hail (0.88)
Adair County Baron	13	0027CST			0	0			Hail (1.00)
Haskell County 2 WNW Tamaha	13	0050CST			0	0			Hail (0.75)
Sequoyah County 3 E Vian	13	0053CST			0	0	10K		Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew an 80 foot patio roof off of a house and blew down several large tree limbs.									
Sequoyah County 3 E Vian	13	0055CST			0	0			Hail (0.88)
Le Flore County Panama	13	0144CST			0	0			Thunderstorm Wind (G55)
The broadcast media measured a 63 mile an hour thunderstorm wind gust.									
Le Flore County Heavener	13	0202CST			0	0			Hail (1.00)
Le Flore County Heavener	13	0202CST			0	0			Thunderstorm Wind (G52)
Le Flore County Octavia	13	0223CST			0	0			Thunderstorm Wind (G58)
OKZ054 Osage	15	1200CST			0	0			Wildfire
	16	1100CST							
A wildfire burned hundreds of acres of land in the eastern portion of the county.									

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Eastern</u>									
OKZ067		Wagoner							
	15	1200CST			0	0			Wildfire
	16	1100CST							
	A wildfire burned hundreds of acres of land in the western portion of the county.								
OKZ068		Cherokee							
	15	1200CST			0	0			Wildfire
	16	1100CST							
	A wildfire burned a couple hundred acres of land near Peggs.								
OKZ061		Rogers							
	15	1200CST			0	0			Wildfire
	16	1100CST							
	A wildfire burned hundreds of acres of land near Verdigris.								
OKZ064		Creek							
	15	1200CST			0	0	30K		Wildfire
	16	1100CST							
	A wildfire burned nearly 500 acres of land and consumed several outbuildings.								
Pittsburg County									
3 W Arpelar	20	1630CST			0	0	100K		Thunderstorm Wind (G80)
	Strong thunderstorm wind destroyed a cable television tower.								
OKZ064>067-070-073		Creek - Okfuskee - Okmulgee - Wagoner - Muskogee - Pittsburg							
	26	1200CST			0	0	25K		Wildfire
		2100CST							
	Despite the recent rains, vegetation remained dormant and dry, which helped promote the spread of wildfire on the 26th when warm and windy conditions developed across the area. A number of fires were started and quickly grew out of control during the afternoon. The most notable fires occurred near Bristow in Creek County, near Muskogee in Muskogee County, near Scipio in Pittsburg County (a house was damaged in this fire), across western Wagoner County, and across portions of Okfuskee and Okmulgee Counties.								
Osage County									
2 W Fairfax	30	1450CST			0	0			Hail (1.75)
Pittsburg County									
2 S Krebs	30	1816CST			0	0			Hail (0.75)
Pittsburg County									
3 SW Quinton	30	1907CST			0	0			Hail (1.00)
Pittsburg County									
Quinton	30	1915CST			0	0			Hail (1.00)
Haskell County									
Kinta	30	1920CST			0	0			Hail (0.75)
Mcintosh County									
3 N Hanna	30	1924CST			0	0			Hail (0.75)
Haskell County									
Lequire	30	1931CST			0	0			Hail (0.75)
Haskell County									
Keota	30	1958CST			0	0			Hail (0.75)
Sequoyah County									
Roland	30	2045CST			0	0			Hail (0.88)
Haskell County									
1 W Stigler	30	2113CST			0	0			Hail (0.75)
Sequoyah County									
Roland	30	2118CST			0	0	1K		Thunderstorm Wind (G52)
	Thunderstorm winds estimated at 60 miles an hour blew down signs.								
Le Flore County									
Arkoma	30	2123CST			0	0			Hail (0.75)
Sequoyah County									
Roland	30	2128CST			0	0			Hail (1.00)
<u>OKLAHOMA, Extreme Southeast</u>									
Mccurtain County									
Broken Bow	09	0150CST			0	0			Thunderstorm Wind (G54)
	Trees downed.								

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

OKZ026-039

Lincoln - Stephens

01	1100CST 2300CST				1	7	15M	250K	Wildfire
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High winds and record temperatures in the 90s combined with the already dry conditions across the area to increase the wildfire potential across parts of Oklahoma. Several wildfires occurred across the area on the first day of March. The largest fires occurred in Stephens county around the Duncan area and in Lincoln county in the Chandler area. These fires caused evacuations of many residents. The fire in Stephens county was said to be 8 miles long at times. Numerous fire personnel from federal, state, and local agencies worked together to fight the fires. Three firefighters were injured in Lincoln county. Two of the three firefighters were injured when the fire caused a propane tank to explode throwing the firefighters into the air. In Stephens county, two firefighters were severely burned when they became trapped by the blaze. One of these firefighters died in the hospital on March 24, 2006 due to burns over 50% of his body. Two other firefighters were injured by this fire due to smoke inhalation. Overall, these fires burned over 10,000 acres. The fires also burned 86 homes with 65 homes totally destroyed, along with numerous outbuildings, vehicles, farm equipment, and hay bales.

M32OU

OKZ010

Woodward

05	0020CST 0025CST				0	0			High Wind (G53)
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Strong surface winds gusted up to 53 knots (61 mph) for a brief time during the early morning hours. Two wind gusts of 53 knots and 52 knots (60 mph) were measured by the Oklahoma mesonet site 19 miles north-northeast of Mooreland.

Major County

5 E Orion	07	2010CST			0	0			Hail (0.75)
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Major County

1 S Ringwood	07	2055CST			0	0			Hail (0.88)
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Major County

Meno	07	2103CST			0	0			Hail (1.00)
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Garfield County

Lahoma	07	2107CST			0	0			Hail (1.00)
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Garfield County

Enid	07	2122CST			0	0			Hail (1.00)
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Hail was observed in downtown Enid.

Kay County

1 SW Braman	07	2250CST 2255CST			0	0			Hail (1.00)
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Penny to nickel size hail, with isolated quarter size hail, was observed just south of Braman on Interstate 35.

Bryan County

Achille	08	2106CST			0	0			Hail (1.75)
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Bryan County

Achille	08	2112CST			0	0			Hail (0.88)
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Jefferson County

14 E Waurika	08	2334CST			0	0			Hail (0.88)
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Jefferson County

3 W Ringling	08	2339CST			0	0			Hail (1.00)
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Hail was observed on Highway 70.

Love County

Rubottom to 7 NE Marietta	09	0005CST 0015CST			0	0			Hail (1.75)
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The golfball size hail fell from Rubottom to Lake Murray.

Pontotoc County

Roff	09	0013CST			0	0			Hail (0.88)
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Pontotoc County

Ada	09	0016CST			0	0			Hail (0.75)
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Carter County

1 E Ardmore	09	0020CST			0	0	0.25K		Thunderstorm Wind (G52)
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A traffic sign was blown down.

Hughes County

Holdenville	09	0030CST			0	0			Hail (0.88)
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Pontotoc County

1 S Fittstown	09	0030CST			0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

March 2006

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									
Carter County 9 SE Ardmore	09	0033CST			0	0			Hail (1.75)
Johnston County Fillmore	09	0055CST			0	0			Hail (1.00)
Hughes County Dustin	09	0100CST			0	0			Hail (0.75)
Marshall County 5 N Madill	09	0100CST			0	0			Hail (0.75)
Marshall County 3 SW Kingston	10	1920CST			0	0			Hail (1.00)
Pontotoc County 7 N Stonewall	10	1930CST			0	0			Hail (0.75)
Pontotoc County 8 SE Ada	10	1950CST			0	0			Hail (0.88)
Hughes County 2 SSE Holdenville	10	2000CST			0	0			Hail (0.88)
Marshall County 9 WSW Oakland	10	2005CST			0	0			Thunderstorm Wind (G60)
			Wind gust was measured by the Oklahoma mesonet.						
Hughes County Holdenville	10	2008CST			0	0			Hail (1.75)
			Hail was reported in downtown Holdenville.						
Johnston County Connerville	10	2025CST			0	0			Hail (0.75)
Marshall County Madill	10	2030CST			0	0			Hail (1.00)
Love County Marietta	10	2035CST			0	0			Hail (0.88)
Marshall County Madill	10	2035CST			0	0			Hail (0.88)
Bryan County 1 NW Mead	10	2144CST			0	0			Hail (0.88)
Bryan County Caddo	10	2211CST			0	0			Funnel Cloud
			A highway patrol officer reported a funnel cloud at the intersection of Highway 75 and Highway 22.						
Atoka County Mcgee Creek Res	10	2220CST			0	0			Hail (2.75)
Atoka County Stringtown	10	2325CST			0	0			Hail (0.75)
Hughes County 3 E Holdenville	11	1243CST			0	0			Hail (0.75)
Hughes County 6 ENE Holdenville	11	1250CST			0	0			Hail (0.75)
			Hail was reported covering the ground.						
Pontotoc County Ada	20	1520CST			0	0			Hail (0.75)
OKZ203-037>038-042-045>047			Caddo - Tillman - Comanche - Pontotoc - Jefferson - Carter - Johnston						
	20	1530CST 1800CST			0	0	60K		High Wind (G61)

Strong surface winds gusted above 43 knots (50 mph) in many locations across the southern half of Oklahoma. A few of these locations occasionally gusted above 50 knots (58 mph). The highest measured wind gust of 58 knots (67 mph) was at the Oklahoma mesonet site near Grandfield in Tillman county. However, there was an estimated wind gust in Johnston county of 61 knots (70 mph). Some damage was reported in a few locations. In Caddo county, two barns were destroyed by the high winds. The most significant damage occurred in Coleman in Johnston county. Two shop buildings that were anchored to concrete were ripped out of the foundation and blown into a nearby pasture. A truck door was also ripped off its hinges.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

Comanche County									
3 W Medicine Park	20	1555CST			0	0			Thunderstorm Wind (G50)
Wind gust was measured by the Oklahoma mesonet.									
Dewey County									
1 E Putnam	20	1618CST	0.2	20	0	0	10K		Tornado (F0)
This brief tornado caused minor damage to a metal barn. Portions of the sheet metal roof were torn off. A heavy semi-trailer was also rolled upside down. A boat was wrapped around a tree.									
Canadian County									
3 W Piedmont	20	1632CST 1637CST			0	0			Hail (0.88)
Kiowa County									
3 NE Hobart	20	1635CST			0	0	20K		Thunderstorm Wind (G52)
A semi-tractor trailer rig was blown over into a bar ditch near the intersection of Highway 183 and Highway 9.									
Canadian County									
Okarche	20	1700CST			0	0			Hail (0.88)
McClain County									
6 SSW Washington	20	1705CST			0	0			Thunderstorm Wind (G52)
Wind was measured by the Oklahoma mesonet.									
Dewey County									
1 W Hucmac	20	1710CST			0	0			Hail (0.75)
Hail was observed at the junction of Highway 270 and Highway 51.									
Lincoln County									
4 N Carney	20	1746CST			0	0			Hail (0.88)
Hail was reported near the intersection of Highway 177 and Highway 105.									
Logan County									
3.5 ESE Marshall	20	1753CST 1754CST	0.2	20	0	0			Tornado (F0)
A thunderstorm produced two tornadoes east of Marshall in northern Logan county. The first brief tornado was seen by media and storm chasers touching down in open country 1 mile east of Highway 74 and 1.5 miles north of Highway 51. No damage was reported.									
Lincoln County									
Agra	20	1810CST			0	0			Hail (0.88)
Hail was reported covering the ground.									
Logan County									
5.5 E Marshall	20	1810CST	0.1	20	0	0			Tornado (F0)
This was the second tornado east of Marshall produced by one thunderstorm. The very brief tornado was seen by storm chasers touching down in an open field. No known damage.									
Kay County									
Blackwell	30	0950CST			0	0			Hail (0.88)
Washita County									
Foss	30	1030CST			0	0			Hail (0.88)
Custer County									
Clinton	30	1053CST			0	0			Hail (1.00)
Comanche County									
7 NNW Medicine Park	30	1146CST			0	0			Hail (0.88)
Kiowa County									
2 NE Saddle Mtn	30	1155CST			0	0			Hail (1.25)
Caddo County									
4 S Anadarko	30	1227CST			0	0			Hail (0.75)
Kingfisher County									
5 NW Kingfisher	30	1230CST			0	0			Hail (1.00)
OKZ005-010-015									
Woods - Woodward - Dewey	30	1255CST			0	0			High Wind (G55)
Strong surface winds occasionally gusted to above 50 knots (58 mph) during the mid-day hours in northwest Oklahoma. The strongest gust of 55 knots (64 mph) was reported by a cooperative observer in Vici in Dewey county. A wind gust of 51 knots (59 mph) was also measured by the Oklahoma mesonet site 7 miles south-southwest of Alva in Woods county. Wind gusts of 50 knots were measured at the Woodward (KWWR) ASOS site and the Oklahoma mesonet site 6 miles southeast of Mutual in Woodward county.									

Storm Data and Unusual Weather Phenomena

March 2006

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									
Comanche County									
11 ESE Lawton	30	1259CST			0	0			Hail (0.75)
Comanche County									
11 ESE Lawton	30	1304CST			0	0			Hail (1.25)
Kay County									
Blackwell	30	1320CST			0	0			Hail (1.00)
Cotton County									
Walters	30	1325CST			0	0			Hail (0.88)
Kay County									
Braman	30	1330CST			0	0			Thunderstorm Wind (G52)
McClain County									
Newcastle	30	1330CST			0	0			Hail (1.00)
Stephens County									
Marlow	30	1330CST			0	0			Hail (1.00)
McClain County									
4 S Newcastle	30	1338CST			0	0			Hail (0.88)
Stephens County									
1 WSW Marlow	30	1339CST			0	0			Hail (1.75)
McClain County									
Newcastle	30	1340CST			0	0			Hail (1.00)
Stephens County									
Marlow	30	1340CST			0	0			Hail (1.75)
Cleveland County									
Norman	30	1343CST			0	0			Hail (1.00)
Hail was observed at the National Weather Service Office on the northern side of Norman.									
Cleveland County									
Norman	30	1343CST			0	0			Hail (1.00)
Hail was reported by an off-duty SPC employee in the Cascades Estates housing addition on the northwest side of town, near the intersection of Tecumseh Road and NW 36th.									
Stephens County									
7 N Duncan	30	1358CST			0	0			Hail (1.75)
Cleveland County									
Moore	30	1400CST			0	0			Hail (1.00)
Noble County									
Morrison	30	1400CST			0	0			Thunderstorm Wind (G52)
Stephens County									
Duncan	30	1400CST			0	0			Hail (1.25)
Hail was reported near the intersection of Oak Avenue and A street.									
Stephens County									
1 S Duncan	30	1405CST			0	0			Thunderstorm Wind (G50)
Stephens County									
Duncan	30	1410CST			0	0			Hail (1.75)
Stephens County									
6 ESE Duncan	30	1418CST 1419CST	0.5	50	0	0			Tornado (F0)
A storm chaser video taped a tornado north of Highway 7 east of Duncan in open country. No known damage.									
Stephens County									
14 E Bray	30	1432CST			0	0			Hail (0.75)
Garvin County									
4 WSW Pauls Valley	30	1558CST			0	0			Hail (0.75)
Garvin County									
Pauls Valley	30	1600CST			0	0			Hail (0.75)
Garvin County									
3 S Stratford	30	1620CST			0	0			Hail (1.00)
Garvin County									
2 S Stratford	30	1626CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

Pontotoc County									
Ada	30	1647CST			0	0			Hail (0.75)
Love County									
1 SW Rubottom	30	1718CST			0	0			Hail (0.88)
Hughes County									
Gerty	30	1730CST			0	0			Hail (0.75)
Love County									
Burneyville	30	1755CST			0	0			Hail (0.88)
Love County									
Thackerville	30	1838CST			0	0			Hail (0.75)
Hail was observed at the Thackerville school.									
Love County									
3 SE Marietta	30	1900CST			0	0	20K		Thunderstorm Wind (G56)
A barn was destroyed.									
Love County									
3 N Thackerville	30	1900CST			0	0			Hail (1.00)
Love County									
3 N Thackerville	30	1900CST			0	0	50K		Thunderstorm Wind (G61)
A barn was destroyed along with several trees downed. A metal garage was blown down onto a vehicle.									
Marshall County									
7 S Kingston	30	1915CST			0	0			Hail (1.75)
Marshall County									
7 S Kingston	30	1935CST			0	0			Hail (2.50)
Bryan County									
3 SW Colbert	30	1945CST			0	0			Hail (1.75)
Marshall County									
Kingston	30	1945CST			0	0			Hail (1.75)
Bryan County									
8 W Durant	30	2041CST			0	0			Hail (0.88)
Bryan County									
Hendrix	30	2050CST			0	0			Hail (1.00)
Bryan County									
Hendrix	30	2054CST			0	0			Hail (0.75)

OREGON, Central and East

ORZ502									
Northern Blue Mountains									
	08	2300PST			0	0			Heavy Snow
	09	0600PST							
Twelve inches of snow was measured at the Tamarack Inn at Tollgate and 8 inches at the High Ridge Snotel.									
Morrow County									
3 E Boardman	22	1000PST			0	0			Flash Flood
		1130PST							
An irrigation embankment collapsed along the south side of Interstate 84. The resulting flash flood closed the interstate with at least 6 inches of flowing water and mud.									
ORZ043									
Central Oregon									
	25	0900PST			0	0			Heavy Snow
		2000PST							
Spotters measured 7 inches, 6 miles southwest of LaPine, and 5 inches in LaPine.									

OREGON, Northwest

ORZ001									
Northern Oregon Coast									
	01	1700PST			0	0	50K		High Wind (G52)
	02	0800PST							
A relatively strong Pacific storm brought brief strong wind conditions to the coast of northwest Oregon. Winds gusted in excess of 50 mph along many stretches of the coastline, and cause some minor power outages to smaller communities.									
ORZ002									
Central Oregon Coast									
	01	1700PST			0	0	25K		Strong Wind
	02	0800PST							

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

ORZ001>002-011-013 Northern Oregon Coast - Central Oregon Coast - Northern Oregon Cascades - Cascades In Lane County
07 2100PST 0 0 375K High Wind (G65)
08 1800PST

A strong Pacific system brought a powerful cold front to northwest Oregon. Strong winds developed ahead of this cold front, and persisted through the event. Here are just some of the wind reports from this storm:

Cannon Beach: 35 kts with gusts to 59 kts
 Yaquina Bay: 45 kts with gusts to 59 kts
 Newport Jetty: 35 kts with gusts to 54 kts
 Florence: 37 kts
 Mt. Hebo: 39 kts with gusts to 45 kts
 Mt. Hood Meadows: gusts to 65 kts

ORZ003>004 Coast Range Of Nw Oregon - Central Coast Range Of W Oregon
07 2100PST 0 0 100K Strong Wind
08 1800PST

ORZ003>004-010>013 Coast Range Of Nw Oregon - Central Coast Range Of W Oregon - North Oregon Cascades Foothills - Northern Oregon Cascades - Cascade Foothills In Lane County - Cascades In Lane County
08 1200PST 0 0 Winter Storm
10 0800PST

A strong Pacific storm and associated cold front brought relatively late winter conditions to northwest Oregon. Snow totals from this event ranged from a tenth of an inch to a few inches at the coast and through the Willamette Valley, to anywhere between 2 to 4 feet of new snow in the Coast Range, Cascades, and Cascade Foothills. Coincidentally, this snow event was one of the latest of the year seen in the Portland area, and forced many school closures around the area.

OREGON, Southeast

NONE REPORTED.

OREGON, Southwest

ORZ021-021-021-021-021>022-022-022-022-022-022-022 South Central Oregon Coast - Curry County Coast

01 0500PST 0 0 High Wind (G78)
02 0000PST

Recorded at Port Orford.

A High Wind Warning was issued for Oregon zones ORZ021/022 at 1354 PST on 02/28/06, effective from 0400 PST until 2200 PST on 03/01/06. It was extended until 02/0400 PST at 01/1957 PST. It was cancelled at 02/0350 PST. The above observations verified the warning.

ORZ022-022 Curry County Coast
04 1800PST 0 0 High Wind (G59)
1900PST

Measured at Gold Beach.

No warning was in effect for this minimal event. The above observations were the only ones recovered that met warning criteria.

ORZ022-022-022 Curry County Coast
05 1900PST 0 0 High Wind (G60)
2100PST

Recorded at Gold Beach.

A High Wind Warning was issued for Oregon coastal zones ORZ021/022 at 05/0324 PST, effective from 05/1300 to 06/0100 PST. It was cancelled at 05/1414 PST, but the observations above verified the warning after cancellation.

ORZ023>024-024-024 Central Douglas County - Eastern Curry County & Josephine County
09 0000PST 0 0 Heavy Snow
10 1200PST

Spotter DO33 N of Azalea at 1990 feet recorded 4.5 inches of snow overnight.

A Winter Storm Warning was issued for the Kalmiopsis area in Oregon zone ORZ024 at 08/1032 PST, effective from 09/0400 to 10/0400 PST. It was converted to a Heavy Snow Warning at 08/1930 PST. The Warning was extended until 10/1600 PST at 09/0402 PST. It was cancelled at 10/0145 PST, which was too soon. The above observations, with the exception of the one near Azalea, were recorded just east of the Kalmiopsis area, which is nearly uninhabited. A Snow Advisory was in effect over the remaining interior west side zones. Numerous traffic accidents were reported throughout the area...but no known fatalities.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, Southwest

ORZ022>023-023-023>024-026-026-026 Curry County Coast - Central Douglas County - Eastern Curry County & Josephine County - Jackson County

11	0800PST 1300PST				0	0			Frost/Freeze
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Brookings Airport minimum temperature was 29 degrees.

A Freeze Warning was issued for Oregon zones ORZ023/024/026 at 10/1410 PST, effective from 11/0000 til 11/0900 PST. The warning expired at 11/0900 PST. The above observations and others verified the warning with recorded low temperatures ranging from 15 to 35 degrees. ORZ022 should have been included in the warning, as Brookings Airport recorded a minimum temperature of 29 degrees.

ORZ022>023-023-023>024-026-026-026 Curry County Coast - Central Douglas County - Eastern Curry County & Josephine County - Jackson County

12	0800PST				0	0			Frost/Freeze
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Brookings Airport minimum temperature was 28 degrees.

A Freeze Warning was issued for Oregon zones ORZ023/024/026 at 11/0858 PST, effective from 12/0100 til 12/0900 PST. It was extended to include zone ORZ022 at 11/1508 PST. The warning expired at 11/0900 PST. The above observations and others verified the warning with recorded low temperatures ranging from 18 to 35 degrees.

ORZ023-023-023>024-026-026-026-026 Central Douglas County - Eastern Curry County & Josephine County - Jackson County

13	0800PST 1300PST				0	0			Frost/Freeze
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Roseburg ASOS minimum temperature was 29 degrees.

A Freeze Warning was issued for Oregon zones ORZ024/026 at 12/1452 PST, effective from 13/0000 til 13/0900 PST. The warning expired at 13/0845 PST. The above observations and others verified the warning with recorded low temperatures ranging from 21 to 32 degrees. The warning should have included ORZ023, with reported minimum temperatures ranging from 25 to 30 degrees.

ORZ022 Curry County Coast

13	1429PST				0	0			High Wind (G62)
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Reported by a spotter 1 SE Brookings.

This High Wind report appeared to be an isolated case, but 2-4 hours later other reports were received and a High Wind Warning was issued for Oregon coastal zones ORZ021/022 at 13/1550 PST, effective from 13/1550 to 13/1800 PST. The warning expired at 13/1800 PST. The other verifying reports are no longer available.

ORZ021>022-022-022-022-022 South Central Oregon Coast - Curry County Coast

16	0000PST 0400PST				0	0			High Wind (G72)
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Recorded at Port Orford.

A High Wind Warning was issued for Oregon zones ORZ021/022 at 15/1400 PST, effective from 16/0000 until 16/1000 PST. The warning was cancelled at 16/0931 PST. The above observations verified the warning.

ORZ024-026 Eastern Curry County & Josephine County - Jackson County

19	0000PST 0800PST				0	0			Frost/Freeze
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See below.

A Freeze Warning was issued for Oregon zones ORZ024/026 at 18/1421 PST, effective from 19/0000 to 19/0800 PST. Recorded low temperatures ranged from 22 to 34 degrees in the warning area, so this warning verified.

ORZ024-026 Eastern Curry County & Josephine County - Jackson County

20	0000PST 0800PST				0	0			Frost/Freeze
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See below.

A Freeze Warning was issued for Oregon zones ORZ024/026 at 19/1433 PST, effective from 20/0000 to 20/0800 PST. Recorded low temperatures ranged from 22 to 36 degrees in the warning area, so this warning verified.

ORZ021-021>022-022-022-022-022 South Central Oregon Coast - Curry County Coast

23	1045PST 1330PST				0	0			High Wind (G61)
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Recorded at Cape Arago.

A High Wind Warning was issued for Oregon zones ORZ021/022 at 23/0331 PST, effective from 23/1300 until 23/2200 PST. It expired at 23/2200 PST. The above observations verified the warning, it appears that the strong winds began about 2 hours before the warning went into effect.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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, Southwest

ORZ024-026 **Eastern Curry County & Josephine County - Jackson County**
 27 **0100PST** **0** **0** **Frost/Freeze**
 0600PST

See below.

A Freeze Warning was issued for Oregon zones ORZ024/026 at 26/1430 PST, effective from 27/0100 to 27/0600 PST. The warning expired at 27/0600 PST. The recorded low temperatures ranged from 28 to 37 degrees, so this warning barely verified in some areas.

PACIFIC

GUZ008 **Rota**
04 **1600SST** **1** **0** **Rip Current**

A 43-year-old man was apparently overcome by rip currents at Swimming Hole Beach on Rota and drowned. His body was found just outside the reef. M43IW

PACIFIC OCEAN

San Mateo Pt To Mexican Bdr Out
30Nm
11 S Oceanside Harbor 11 **1110PST** **0** **0** **0** **Waterspout**
10 SSE Oceanside **1114PST**

A supercell thunderstorm produced a waterspout about 2 miles offshore from Moonlight Beach and south Carlsbad. The waterspout lasted 4 minutes and dissipated before coming ashore.

Pt St George Ca To Cp Blanco Or Wwd
20Nm
Pistol River 14 **1100PST** **0** **0** **Waterspout**
 1110PST

This was reported in the Curry County Reporter with a picture. The couple who reported it said it travelled parallel to the beach for about 10 minutes before dissipating. No report was received by WFO Medford.

PENNSYLVANIA, Central

Clearfield County
Rockton Station 13 **1649EST** **0** **0** **Thunderstorm Wind (G50)**
 Thunderstorm winds knocked down numerous trees in Rockton.

Clearfield County
Clearfield 13 **1654EST** **0** **0** **Thunderstorm Wind (G51)**
 A 51 knot (59 mph) wind gust was recorded during a thunderstorm at Clearfield Airport (KFIG).

Clinton County
West Port 13 **1725EST** **0** **0** **Thunderstorm Wind (G50)**
 Thunderstorm winds knocked down two trees along Route 120 near Westport.

Tioga County
Covington 13 **1810EST** **0** **0** **50K** **Thunderstorm Wind (G60)**
 A line of thunderstorms produced straight-line winds which damaged two farms (one on Barber Rd and another on East Hill Rd) in Covington Township. This area is located just east of Covington. There was damage to barn roofs, silo roofs, outbuildings, and a number of large trees were uprooted. A grain wagon was flipped and a double-wide trailer, which was tied down, was moved 6 to 12 inches off its foundation. Power lines were reported down. Windows were broken in a nearby farm house. Maximum wind gusts were estimated at 70 to 75 mph. No injuries were reported.

Sullivan County
3 SE Muncy Vly 13 **1837EST** **0** **0** **Thunderstorm Wind (G50)**
 Thunderstorm winds knocked down trees and power lines on Route 42 in Davidson Township, about 3 miles southeast of Muncy Valley.

Dauphin County
Millersburg 13 **1905EST** **0** **0** **Thunderstorm Wind (G52)**
 Thunderstorm winds produced a 52 knot (60 mph) wind gust in Millersburg.

PENNSYLVANIA, East

PAZ068>071 **Montgomery - Bucks - Delaware - Philadelphia**
 02 **0600EST** **0** **0** **Winter Weather**
 1600EST

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

**PAZ054>055-
060>062-067**

Carbon - Monroe - Berks - Lehigh - Northampton - Chester

02	1500EST 2200EST				0	0			Winter Storm
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A quick moving low pressure system that moved through the Ohio Valley overnight on the first and reformed along the Middle Atlantic coast on the second caused a wintry mix of snow, sleet and freezing rain across Eastern Pennsylvania with the worst accretions of ice and snowfall accumulations from Chester County northward. From the Lehigh Valley southward, precipitation began as a mixture of snow, sleet and freezing rain including the greater Philadelphia Metropolitan Area between 6 a.m. and 8 a.m. EST on the second. Around the local Philadelphia area precipitation changed to plain rain by 10 a.m. EST. In the northern Philadelphia suburbs and Berks County precipitation did not change to plain rain in some locations until late that afternoon. In the Lehigh Valley, precipitation never changed to plain rain. It fell as sleet and freezing rain during the afternoon before it changed to snow before it ended early that evening. Across the Poconos precipitation started as snow around 6 a.m. EST on the 2nd. Precipitation changed to sleet and freezing rain around Noon EST and then changed back to snow during the second half of the afternoon. The snow ended late that evening. Snow accumulations averaged around two inches in the Poconos and less than one inch elsewhere. Ice accretions from Chester County northward averaged between one quarter and two-fifths of an inch. In locations that received the freezing rain, temperatures were at or just below freezing. The indirect insolation from the sun kept roadways wet and most of the ice accretions were on exposed surfaces as well as bridges and overpasses. Ice accretions did cause power outages in Palmerton (Carbon County).

Numerous minor accidents were reported, mainly fender benders and vehicles sliding off roads. In the local Philadelphia area, most of the accidents were during the morning commute. Several flights were delayed or cancelled at the Philadelphia International Airport. In the Poconos, most of the accidents occurred during the evening commute. Planned township meetings that evening were cancelled. Actual snowfall accumulations included 2.5 inches in Pocono Summit (Monroe County), 2.3 inches in East Stroudsburg (Monroe County), 2.1 inches in Lehigh (Carbon County), 1.6 inches in Palmerton (Carbon County) and 0.5 inches in Phoenixville (Chester County). Ice accretions from Chester County northward averaged one quarter of an inch and included three-eighths of an inch in East Nantmeal Township (Chester County) and three-tenths of an inch in Palmerton (Carbon County).

The wintry weather was caused by a low pressure system that moved east from central Missouri on the evening of the 1st, to Illinois around Midnight EST on the 2nd, into Ohio at sunrise on the 2nd. As the primary low pressure system moved into Pennsylvania early in the afternoon on the 2nd, a secondary low pressure system formed over Chesapeake Bay. By 4 p.m. EST that afternoon, the secondary low was as strong as the primary and was already about 150 miles east of Atlantic City, New Jersey. The low pressure system continued to move rapidly offshore overnight. The rapid movement of the low pressure system prevented heavier precipitation from occurring.

PAZ069

Bucks

08	1000EST 1800EST				0	0	5K		Wildfire
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A wildfire scorched 17 acres of woodland in Plumstead Township. It started from a pile of burning trash that accidentally spread to three to five properties about half a mile east of Wismer Road. No homes were damaged. A homeowner's barn and a fence were damaged by the fire. A few evergreens on a Christmas tree farm were also lost. Unseasonably dry weather for March was making it easier for wildfires to spread.

PAZ069

Bucks

10	0900EST 1800EST				0	0			Wildfire
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A wildfire scorched 15 acres of woodland on a hilltop in Solebury Township. A fire was started to burn logs, but then went out of control. About 10 fire companies responded. No property damage or injuries were reported. Unseasonably dry weather for March was making it easier for wildfires to spread. March 10th was also a windy day. The peak wind gust on March 10th at Philadelphia International Airport was from the southwest at 43 mph.

**PAZ054>055-
060>062-067>071**

Carbon - Monroe - Berks - Lehigh - Northampton - Chester - Montgomery - Bucks - Delaware - Philadelphia

14	1000EST 1700EST				0	0	20K		Strong Wind
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A strong cold front moved through Eastern Pennsylvania during the morning of the 14th. Gusty west winds followed in the wake of the front during the rest of the daytime hours. The gusty winds and unseasonably dry weather also helped wildfires spread quicker. Peak wind gusts averaged around 50 mph over the higher terrain and 45 mph at lower elevations. The strong winds did knock down some weaker trees and tree limbs. In Tredyffrin (Chester County), a tree fell across Berwyn Baptist Road. It took down power lines, a pole and damaged the outer fence of the Jenkins Arboretum. Peak wind gusts included 52 mph in Mount Pocono (Monroe County), 46 mph at the Philadelphia International Airport and 44 mph in Reading (Berks County) and the Lehigh Valley International Airport.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

PAZ054>055-060>062-067>071 **Carbon - Monroe - Berks - Lehigh - Northampton - Chester - Montgomery - Bucks - Delaware - Philadelphia**

15	0800EST 1800EST				0	0	10K		Strong Wind
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The strong pressure gradient (difference) between a low pressure system in the Gulf of Saint Lawrence and a high pressure system building northeast from the lower Mississippi Valley produced gusty west to northwest winds during the daytime hours on the 15th in Eastern Pennsylvania. This was the second successive day of strong gusty winds. The strong winds knocked down tree limbs and branches in the Manayunk section of Philadelphia. Peak wind gusts averaged around 45 mph and included 48 mph at the Philadelphia International Airport, 44 mph in Mount Pocono (Monroe County), 41 mph in Reading (Berks County) and 40 mph at the Lehigh Valley International Airport.

PAZ069

Bucks

30	1100EST 1500EST				0	0	100K		Wildfire
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A brush fire up the side of a hill in Kintnersville (Nockamixon Township) damaged two acres, the side of one house and a garage. The wildfire started near the intersection of Pennsylvania State Routes 611 and 32. Nearby Durham Township issued an outside burning ban. Since March 8th, there have been 40 wildfires in southeastern Pennsylvania. The largest brush fire in eastern Pennsylvania in the month occurred on the 17th in Northampton County when 29 acres were consumed. There was no structural damage.

March 2006 was the fifth driest March on record (112 years) in the state of Pennsylvania. The statewide precipitation average was 1.59 inches, 1.82 inches drier than normal. Drier conditions occurred in the eastern part of the state. On a countywide average, March monthly precipitation totals ranged from 0.6 inches in Chester County to 1.2 inches in Carbon, Monroe and Philadelphia Counties. March 2006 tied March 1981 as the driest March on record at the Lehigh Valley International Airport. The monthly precipitation total of 0.92 inches was 2.64 inches drier than normal. It was the fourth driest March on record at the Philadelphia International Airport. The monthly precipitation total of 0.91 inches was 2.90 inches drier than normal. In Reading (Berks County), the March monthly precipitation total was 0.62 inches, 2.98 inches drier than normal. In Mount Pocono (Monroe County), the March precipitation total was 0.99 inches, 3.04 inches drier than normal.

PENNSYLVANIA, Northeast

NONE REPORTED.

PENNSYLVANIA, Northwest

PAZ001>003 **Northern Erie - Southern Erie - Crawford**

10	0500EST 0800EST				0	0	40K		Strong Wind
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An area of strong low pressure over Central Indiana at midnight on March 10th moved northeast across Lower Michigan and into southeastern Ontario by daybreak. A strong cold front trailing this low moved into Northwest Pennsylvania just after daybreak. Winds ahead and along this front gusted to nearly 50 mph. Several trees and large limbs were reported down in Erie and Crawford Counties. A few power outages were also reported.

PAZ001>002 **Northern Erie - Southern Erie**

13	1300EST 1700EST				0	0	13K		High Wind (G50)
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An area of strong low pressure moved across the central Great Lakes on March 13th. A cold front extending south from this low swept east across Northwest Pennsylvania during the early evening hours. Winds ahead and along this front gusted in excess of 50 mph. A few trees and large limbs were downed.

PENNSYLVANIA, West

Beaver County
7 S Midland

13	1509EST				0	0	7K		Thunderstorm Wind (G50)
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Trees and power lines blown down.

Butler County
Slippery Rock

13	1514EST				0	0			Hail (1.00)
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Butler County
Mars

13	1529EST				0	0	3K		Thunderstorm Wind (G50)
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Trees blown down.

PUERTO RICO

PRZ008 **Northwest**

31	1600AST				0	0			Landslide
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A rockslide occurred on Highway 131 and was partially blocking the highway in the municipality of Quebradillas.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

North Central

Vega Alta

31	1823AST 2130AST				0	0			Flash Flood
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Emergency management officials indicated that a part of River Cibuco was out of its banks and flooding low lying sections of roads 620, 647 and 675 which were impassable.

San Juan And Vicinity

San Juan

31	2200AST 2359AST				0	0			Flash Flood
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Flooding was reported at Barriada Figueroa in Santurce. Some flooding of urban areas was reported in Condado and Ocean Park. Fernandez Juncos Avenue was closed with 2 feet of water.

RHODE ISLAND

NONE REPORTED.

SOUTH CAROLINA, Central

NONE REPORTED.

SOUTH CAROLINA, North Coastal

NONE REPORTED.

SOUTH CAROLINA, Northwest

NONE REPORTED.

SOUTH CAROLINA, South Coastal

NONE REPORTED.

SOUTH DAKOTA, Central and North

SDZ005>007-

010>011-017>018-

036>037

Mcpherson - Brown - Marshall - Edmunds - Day - Faulk - Spink - Hyde - Hand

11	0500CST 0900CST				0	0			Heavy Snow
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Heavy wet snow of 6 to 9 inches fell across parts of central and northeast South Dakota. The snow began around 9 pm on March 10th in the southern part of the area and ended around 9 am far north in the area. Some heavier snowfall included, 8 inches at Elm Lake, Ipswich, and Britton with 9 inches north of Highmore.

SDZ033>035-037-045-

048

Stanley - Sully - Hughes - Hand - Jones - Lyman

12	1600CST 2300CST				0	0			Winter Storm
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Heavy snow of 6 to 9 inches fell across parts of central South Dakota beginning in the mid-morning hours and ending by midnight. Some snowfall amounts included, 7 inches at Pierre and Kennebec, 8 inches north of Okaton, and 9 inches southwest of Hayes.

SDZ003-015-033>036-

045-048-051

Corson - Dewey - Stanley - Sully - Hughes - Hyde - Jones - Lyman - Buffalo

19	0900CST				0	0			Winter Storm
20	1200CST								

Heavy snow of 7 to as much as 20 inches fell from the afternoon of the 18th until around noon on the 20th. The South Dakota Department of Public Safety issued a travel advisory for any travel but especially for the State Basketball Tournament travelers. Interstate-90 was closed on Sunday into Monday morning with many people stranded. Many cars and trucks were stuck on the roads. Many schools and meetings were postponed or canceled. Snowfall amounts included, 8 inches at Blunt, Onida, and Lake Sharpe, 9 inches at Mission Ridge, 10 inches at Pierre, 11 inches at Fort Pierre and near Stephan, 12 inches at Eagle Butte, 14 inches northwest of Presho, 16 inches at Murdo, and 20 inches near Iona.

SOUTH DAKOTA, Southeast

Minnehaha County

Sioux Falls

07	1037CST				0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

March 2006

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

SDZ038>040-050-052>056-058>059-061>062-065>067 **Beadle - Kingsbury - Brookings - Gregory - Jerauld - Sanborn - Miner - Lake - Moody - Aurora - Davison - Mccook - Minnehaha - Hutchinson - Turner - Lincoln**

	12	1300CST			0	0			
	13	0600CST							Winter Storm

Snowfall of 4 to 8 inches was accompanied by increasing winds which gusted to around 35 mph. The winds caused low visibilities in blowing snow during the latter part of the snowfall. Drifting snow also added to travel problems. The wet snow and winds combined to bring down power lines, causing a significant power outage in the Freeman area. Numerous schools cancelled or delayed classes for a day, and some businesses also closed.

SDZ057-060-063>064-068>071 **Brule - Hanson - Charles Mix - Douglas - Bon Homme - Yankton - Clay - Union**

	12	1300CST			0	0			
	13	0600CST							Winter Weather

Snowfall of 2 to 4 inches combines with winds gusting up to 35 mph to cause blowing snow. Classes at some schools were cancelled or delayed for a day.

SDZ050-057>058-063>065-068>071 **Gregory - Brule - Aurora - Charles Mix - Douglas - Hutchinson - Bon Homme - Yankton - Clay - Union**

	19	0200CST			0	0			
	21	0000CST							Winter Storm

A prolonged period of snowfall spread into the area from the west and south, and continued for over a day. Snowfall totals were greatest in south central South Dakota, with 24 inches of snow reported at Burke and 23 inches at Geddes. Lesser amounts were reported further east, including 6 to 10 inches in the Yankton and Vermillion areas. However, even in these areas, winds gusting over 35 mph caused near blizzard conditions in blowing snow. The storm halted travel in the area of the heaviest snow, and greatly curtailed travel in other areas. Numerous schools and businesses were closed. Power outages were reported from collapsed lines due to the heavy snow and winds. This storm showed a sharp snowfall gradient, with accumulations decreasing rapidly over distance to the northeast of the main snowfall area.

SOUTH DAKOTA, West

SDZ024-026>032-041>044-046>047-072>074 **Northern Black Hills - Rapid City - Southern Foot Hills - Central Black Hills - Southern Black Hills - Custer Co Plains - Pennington Co Plains - Haakon - Fall River - Shannon - Jackson - Bennett - Mellette - Todd - Sturgis / Piedmont Foothills - Southern Meade Co Plains - Hermosa Foothills**

	12	0000MST 2300MST			0	0	0	0	
									Heavy Snow

A storm system moved across the Central Plains, bringing heavy snow to southern South Dakota. Snowfall of 6 to 12 inches was common across this area. The most significant snow fell across southwest South Dakota, where a heavy band developed early in the morning and persisted through much of the day. Snowfall across much of Shannon, Fall River, Custer, and Jackson Counties totaled 1 to 2 feet.

SDZ001>002-012>014-024>032-041>044-046>047-049-072>074 **Harding - Perkins - Butte - Northern Meade Co Plains - Ziebach - Northern Black Hills - Northern Foot Hills - Rapid City - Southern Foot Hills - Central Black Hills - Southern Black Hills - Custer Co Plains - Pennington Co Plains - Haakon - Fall River - Shannon - Jackson - Bennett - Mellette - Todd - Tripp - Sturgis / Piedmont Foothills - Southern Meade Co Plains - Hermosa Foothills**

	18	1700MST			0	0	0	0	
	21	0000MST							Winter Storm

A strong winter storm developed across the Rockies and moved slowly across the Plains, bringing a prolonged period of snow and wind to western and south central South Dakota. Snow started late on the 18th and continued through the afternoon and evening hours of the 20th. A period of freezing drizzle preceeded the snow across parts of the South Dakota plains. Snowfall of 6 to 14 inches was common across the area. Amounts of 14 to 22 inches were reported across southwest and south central South Dakota, as well as the eastern slopes of the Black Hills. The Rapid City area received 15 to 20 inches of snow. Gusty winds caused considerable blowing and drifting snow across the plains, with visibilities reduced to less than a quarter mile. Interstate 90 from Rapid City to Chamberlain was closed for more than 24 hours.

TENNESSEE, Central

Wayne County
10 W Waynesboro **09 1519CST** **0 0** **Thunderstorm Wind (G50)**
Amateur radio operator estimated wind gusts of 55 to 60 mph at the intersection of U.S. Highway 64 and State Route 114.

Perry County
2 E Linden **09 1525CST** **0 0 10K** **Thunderstorm Wind (G50)**
Sheriff's officie reported trees down on houses and over southern adn eastern part of Perry County.

Storm Data and Unusual Weather Phenomena

March 2006

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, Central</u>									
Wayne County									
Clifton	09	1525CST			0	0			Thunderstorm Wind (G50)
									A few trees were blow down.
Lewis County									
Hohenwald	09	1530CST			0	0	1K		Thunderstorm Wind (G50)
									Tin roof was blown off a building.
Lewis County									
5 W Hohenwald	09	1540CST			0	0	2K		Thunderstorm Wind (G55)
									A shed was completely demolished, and a carport was blown away.
Hickman County									
3 N Centerville	09	1545CST			0	0	2K		Thunderstorm Wind (G55)
									A barn was destroyed. Also, trees were down at Nunnelly.
Dickson County									
7.9 SE Dickson	09	1604CST			0	0	5K		Thunderstorm Wind (G60)
									Several trees were snapped and uprooted. One mobile home was blown off its foundation at Abiff Road and Old Highway 46 in southeast Dickson County.
Hickman County									
1.3 NE Bon Aqua	09	1605CST			0	0	15K		Thunderstorm Wind (G70)
									10 mobile homes were pushed off their foundation. Some trees were uprooted. It occurred at Old County Line Road and Highway 46.
Hickman County									
.9 ENE Tidwell	09	1609CST			0	0			Hail (0.75)
Hickman County									
.9 ENE Tidwell	09	1609CST			0	0			Thunderstorm Wind (G50)
									Some homes damaged.
Davidson County									
5 E Nashville	09	1623CST			0	0			Thunderstorm Wind (G50)
									Roof damage to garage.
Davidson County									
Hermitage	09	1625CST			0	0			Thunderstorm Wind (G50)
									6 utility poles were blown down.
Davidson County									
8 W Nashville	09	1625CST			0	0			Thunderstorm Wind (G50)
									Trees were down in the western part of the county.
Maury County									
Columbia	09	1630CST			0	0	5K		Thunderstorm Wind (G55)
									Trees were blown down. Some of the trees landed on cars
Maury County									
Mt Pleasant	09	1630CST			0	0	50K		Lightning
									A home was struck by lightning and received moderate to heavy damage. No one was home at the time of the blaze.
Maury County									
Mt Pleasant	09	1630CST			0	0			Thunderstorm Wind (G50)
									Trees were down in Mt. Pleasant.
Davidson County									
8 SW Nashville	09	1637CST			0	0			Thunderstorm Wind (G60)
									Trees and power lines were down. Roof was off one building near Bellevue. Winds toppled over a tractor-trailer truck on I-65 just south of Nashville. Winds were estimated to be about 70 mph.
Giles County									
Lynnville	09	1641CST			0	0	1K		Thunderstorm Wind (G55)
									Trees were down. Log cabin was damaged on Fairview Rd.
Williamson County									
Fairview	09	1645CST			0	0			Thunderstorm Wind (G50)
									Tree was down.
Sumner County									
Hendersonville	09	1650CST			0	0			Thunderstorm Wind (G50)
									Trees down and powerline down on a house.

Storm Data and Unusual Weather Phenomena

March 2006

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, Central</u>									
Sumner County									
1 E Hendersonville	09	1655CST			0	0			Thunderstorm Wind (G50)
			Large tree limbs were down.						
Wilson County									
Mt Juliet	09	1657CST			0	0			Thunderstorm Wind (G50)
			4 to 6 power poles were snapped off along Lebanon Rd.						
Rutherford County									
La Vergne	09	1700CST			0	0			Thunderstorm Wind (G55)
			Phone poles were down. Roof was blown off a building at the Tennessee Farmer's Coop and also from the Pea Pod Cafe.						
Sumner County									
Portland	09	1700CST			0	0	2K		Thunderstorm Wind (G60)
			Strong winds completed demolished 120 foot long greenhouse.						
Giles County									
Elkton	09	1708CST			0	0			Thunderstorm Wind (G55)
			Trees and power poles were down.						
Rutherford County									
Smyrna	09	1710CST			0	0	1K		Thunderstorm Wind (G55)
			Siding blown off house on Weakley Rd.						
Rutherford County									
Blackman	09	1715CST			0	0	5K		Thunderstorm Wind (G60)
			Power lines and poles were blown down on Blackman Rd. 4 or 5 storage sheds were damaged or destroyed. One home had slight damage.						
Wilson County									
11 E Lebanon	09	1730CST			0	0	20K		Thunderstorm Wind (G60)
			A garage was heavily damaged. Several trees were blown down.						
Clay County									
7 S Celina	09	1815CST			0	0			Thunderstorm Wind (G50)
			Tree down along Baptist Ridge Rd.						
Overton County									
Countywide	09	1830CST			0	0			Thunderstorm Wind (G50)
			Sheriff's office reported trees down around the county.						
Stewart County									
North Portion	09	2015CST			0	0			Thunderstorm Wind (G50)
			Trees were down.						
Houston County									
11 W Erin	09	2040CST			0	0			Hail (0.75)
Humphreys County									
Denver	13	1415CST			0	0			Thunderstorm Wind (G50)
			Power lines along with one tree and one sign were down.						
Lawrence County									
5 WSW Lawrenceburg	13	1536CST			0	0			Hail (1.00)
Lawrence County									
Lawrenceburg	13	1537CST			0	0			Hail (1.00)
Giles County									
4 NNW Pulaski	13	1555CST			0	0			Thunderstorm Wind (G50)
			One tree down on Annie Wade Rd.						
Giles County									
6 NNE Pulaski	13	1600CST			0	0			Thunderstorm Wind (G50)
			One tree was down on Shady Lane Rd.						
Giles County									
5 E Pulaski	13	1610CST			0	0			Hail (0.75)
Marshall County									
Lewisburg	13	1620CST			0	0	2K		Thunderstorm Wind (G50)
			Winds tore off siding from an awning outside the Marshall County Courthouse Annex. A tree was down in the Chapel Hill area and also in the Verona-Caney area. Winds ripped off the roof from a mobile home in Embers East Park.						
Marshall County									
12 S Lewisburg	13	1620CST			0	0			Thunderstorm Wind (G50)
			Trees were down.						

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Marshall County 10 SE Lewisburg	13	1630CST			0	0			Hail (1.00)
Bedford County 10 SE Shelbyville	13	1655CST			0	0			Thunderstorm Wind (G50)
			One tree was blown down on Womble Rd.						
Fentress County 6 SW Allardt	13	1715CST			0	0			Thunderstorm Wind (G50)
			Large branches were down.						
Coffee County Tullahoma	13	1745CST			0	0	1K		Lightning
			Lightning struck a tree in New Kent Court In Macon Manor, causing branches to fly and smash into windows of two residences.						
Dekalb County 5 SW Smithville	13	1815CST			0	0			Thunderstorm Wind (G50)
			Large tree limbs were down on Highway 146.						
Cannon County 7 N Woodbury	13	1822CST			0	0			Thunderstorm Wind (G50)
			Trees were down on Highway 53 north.						
Williamson County 3.5 SSW Harpeth	13	1905CST			0	0			Hail (1.75)
Cumberland County Crossville	13	1920CST			0	0			Thunderstorm Wind (G50)
			Power pole and lones were down.						
Hickman County 15 NE Centerville	31	1845CST			0	0			Hail (1.00)
Hickman County 13.9 NNE Centerville	31	1854CST			0	0			Hail (1.00)
Maury County 1 N Spring Hill	31	1905CST			0	0			Hail (1.00)
Maury County 1 N Spring Hill	31	1905CST			0	0			Thunderstorm Wind (G61)
			Ham radio operator estimated winds to be around 70 mph in thunderstorm wind gust.						
Williamson County 11.9 SSE Franklin	31	1905CST			0	0			Hail (1.75)
Bedford County 5 N Shelbyville	31	2025CST			0	0			Hail (1.75)
<u>TENNESSEE, East</u>									
Marion County West Portion	09	1845CST			0	0	15K		Thunderstorm Wind (G60)
			Several trees fell on power lines across the northwestern part of the county near Monteagle.						
Scott County Countywide	13	1715EST			0	0	20K		Thunderstorm Wind (G60)
			A few trees were reported down across the county.						
Morgan County Wartburg	13	1840EST			0	0	15K		Thunderstorm Wind (G60)
			A few trees were reported down along Ray Cross road near Mossy Grove.						
Scott County Oneida	13	1900EST			0	0	15K		Thunderstorm Wind (G60)
			A few trees were downed near Oneida.						
Campbell County Jacksboro	13	1920EST			0	0	20K		Thunderstorm Wind (G60)
			A few trees were downed in and around Jacksboro.						
Blount County 1 SW Maryville	13	2105EST			0	0	20K		Thunderstorm Wind (G60)
			Several trees and power lines were downed 1 mile southwest of Maryville.						
Rhea County Spring City	13	2235EST			0	0	15K		Thunderstorm Wind (G60)
			A few trees and power lines were downed in and near Spring City.						

Storm Data and Unusual Weather Phenomena

March 2006

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, East</u>									
Marion County									
Whitwell	31	2240CST			0	0			Hail (0.88)
			Nickle sized hail was reported in Whitwell.						
<u>TENNESSEE, South Central</u>									
Lincoln County									
Howell	09	1725CST			0	0			Thunderstorm Wind (G70)
			NUMEROUS TREES BLOWN DOWN.						
Franklin County									
Decherd	09	1743CST			0	0			Thunderstorm Wind (G60)
			A TREE WAS BLOWN DOWN.						
Franklin County									
Huntland	09	1815CST			0	0			Thunderstorm Wind (G60)
			ESTIMATED WIND GUST TO 60 MPH. A potent early spring low-pressure system moved through the lower Missouri and mid-Mississippi valley, dragging a strong cold front through the Tennessee valley. This front produced a squall line of severe thunderstorms producing widespread damaging winds to the region.						
<u>TENNESSEE, West</u>									
Obion County									
Woodland Mills	09	0925CST 0930CST			0	0	15K		Thunderstorm Wind (G55)
			One house had part of its roof taken off. The carport was also damaged. Some trees were blown down.						
Lauderdale County									
Ripley	09	1330CST 1335CST			0	0	5K		Thunderstorm Wind (G55)
			Several trees were knocked down.						
Gibson County									
Yorkville	09	1340CST			0	0	100K		Lightning
			The Yorkville Cumberland Presbyterian Church was destroyed by a fire that started after a lightning strike.						
McNairy County									
Bethel Spgs to Selmer	09	1430CST 1435CST			0	0	25K		Thunderstorm Wind (G60)



This barn was destroyed by straight line winds that occurred in Selmer, TN during the afternoon of March 9th. Two large barns were totally destroyed. Two houses were also damaged. Some trees and power lines were blown down. Part of a metal building was blown across Highway 64 in Selmer.

Storm Data and Unusual Weather Phenomena

March 2006

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, West</u>									
Hardin County 10 S Savannah to Savannah	09	1448CST 1505CST			0	0	25K		Thunderstorm Wind (G60)
									A building was destroyed at the Savannah Airport Industrial Park. Some trees were also blown down.
Lake County Ridgely	09	1815CST 1820CST			0	0	1K		Thunderstorm Wind (G50)
									Several large tree limbs were knocked down.
Henry County Cottage Grove to Paris	09	1830CST 1835CST			0	0	10K		Thunderstorm Wind (G50)
									Several trees and one utility pole were knocked down on Veasey Road in Cottage Grove.
Obion County Union City	09	1844CST 1850CST			0	0	0.10K		Hail (1.00)
Dyer County Dyersburg	09	1848CST 1855CST			0	0	0.01K		Hail (0.75)
Gibson County Dyer to Trenton	09	1914CST 1920CST			0	0	0.01K		Hail (0.75)
Weakley County Greenfield	09	1920CST 1925CST			0	0	0.10K		Hail (1.00)
Lauderdale County 1 W Ripley to 1 N Ripley	09	1927CST 1935CST			0	0	0.10K		Hail (0.88)
Henry County Cottage Grove	09	1950CST 1955CST			0	0	0.05K		Hail (0.88)
Obion County Woodland Mills	12	0605CST			0	0	10K		Lightning
									A nearby lightning strike to a tree started a fire in a neighboring shed.
Henderson County 1 S Lexington to Lexington	13	1322CST 1330CST			0	0	0.86K		Hail (1.75)
Obion County Hornbeak	31	1541CST 1545CST			0	0	0.10K		Hail (1.00)
Weakley County 2 S Dresden to Dresden	31	1632CST 1640CST			0	0	0.85K		Hail (1.75)
<u>TEXAS, Central</u>									
Throckmorton County 5 W Throckmorton	08	2215CST			0	0			Hail (1.75)
Fisher County 5 S Roby	17	1100CST			0	0			Hail (0.75)
Schleicher County Eldorado	18	2145CST			0	0			Hail (0.75)
San Saba County San Saba	19	0840CST			0	0			Hail (0.75)
Crockett County 14 NW Ozona	19	1715CST			0	0			Hail (1.00)
Crockett County 10 N Ozona	19	1727CST			0	0			Hail (1.75)
Crockett County 19 NE Ozona	19	1740CST			0	0			Hail (2.00)

Storm Data and Unusual Weather Phenomena

March 2006

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>									
Schleicher County									
12 W Eldorado	19	1753CST			0	0			Hail (1.00)
Schleicher County									
5 N Eldorado	19	1815CST			0	0			Hail (1.00)
<u>TEXAS, Central Southeast</u>									
Harris County									
Humble	20	1100CST			0	0	5K		Hail (0.75)
									Penny size hail.
Wharton County									
3 N El Campo	29	1145CST			0	0			Funnel Cloud
									Sighted on FM 2765.
Austin County									
5 NW Bellville	29	1344CST			0	0			Funnel Cloud
									Sighted on Highway 36.
Harris County									
Spring	29	1540CST			0	0	5K		Hail (0.75)
									Penny size hail on the west side of the city.
<u>TEXAS, Extreme West</u>									
TXZ055>056									
El Paso - Hudspeth									
	08	1400MST			0	0	3K		High Wind (G52)
		1900MST							
Strong gradient winds blew across far west Texas with a measured gust of 59 mph at the El Paso International Airport. Unofficial measurements exceeded 70 mph in some favored downslope locations. A portion of a roof was blown off in Cornudas, while a partition wall was blown down at a business in El Paso's lower valley.									
<u>TEXAS, Mid - South</u>									
NOT RECEIVED.									
<u>TEXAS, North</u>									
TXZ091>095-100>107-115>123-129>135-141>148-156>162-174>175									
Montague - Cooke - Grayson - Fannin - Lamar - Young - Jack - Wise - Denton - Collin - Hunt - Delta - Hopkins - Stephens - Palo Pinto - Parker - Tarrant - Dallas - Rockwall - Kaufman - Van Zandt - Rains - Eastland - Erath - Hood - Somervell - Johnson - Ellis - Henderson - Comanche - Mills - Hamilton - Bosque - Hill - Navarro - Freestone - Anderson - Lampasas - Coryell - Bell - McLennan - Falls - Limestone - Leon - Milam - Robertson									
	01	0000CST			0	0	200M		Drought
	31	2359CST							
The month of March had some much needed rainfall, falling mostly on only two days, the 18th and 19th. This put Dallas/Fort Worth 1.34 inches above normal for the month. However, twelve month rainfall deficits (from April 1, 2005 to March 31, 2006) remained high, with 13.38 inches lacking at Dallas/Fort Worth and 10.86 inches lacking at Waco. Although this rainfall helped the crops and put some much needed water into lakes and reservoirs, the drought persisted. March's rainfall helped drop north Texas down a category from Extreme to Severe Drought, according to the U.S. Drought Monitor. Burn bans were still in place in several north Texas counties.									
Wildfires continued to be a problem for north Texas. The U.S. Department of Agriculture allocated more than \$8 million in Emergency Conservation Program funds this month for farmland in 16 Texas counties affected by wildfires. In north Texas, Hood, Cooke, Parker, and Somervell Counties were designated to receive funds. Farmers in these counties were able to go to their Farm Service Agency offices and apply for damages. Aid requests were also sent to Congress by the Texas and Southwestern Cattle Raisers Association. The request sought funds to help feed livestock, repair fences destroyed by wildfires, and compensate producers who lost cattle and vegetation. The USDA continued to offer conservation land for up to 60 days to farmers that needed grazing land for their cattle.									
Young County									
Olney	08	2245CST			0	0	10K		Hail (2.75)
									The Olney Fire Department reported baseball-size hail.
Montague County									
6 NE Nocona	08	2355CST			0	0	5K		Hail (1.75)
									Golf ball-size hail reported near Lake Nocona.
McLennan County									
Leroy	09	0001CST			0	0	15K		Thunderstorm Wind (G50)
									A shed was blown onto a car and was destroyed.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Dallas County									
Countywide	19	1300CST			1	0	300K		Flash Flood
	20	0200CST							
Heavy rains caused many road closures, high water rescues, and evacuations of homes and businesses throughout the afternoon and evening. Water was reportedly five feet high in some residents, causing significant damage. Water rose four feet high in the lower level of the Renaissance Hotel on Stemmons Freeway near Wycliff Avenue. Dallas police received more than 240 calls about people in danger from the flood waters in four hours. A woman was swept away in Turtle Creek by Wycliff Avenue after she abandoned her car due to rapidly rising flood waters. Her body was recovered later than night nearly a mile from where she was swept away. F231W									
Somervell County									
Countywide	19	1300CST			0	0			Flash Flood
		1500CST							
Numerous farm roads and county roads were closed due to high water.									
Johnson County									
Burleson	19	1330CST			0	0			Flash Flood
		1800CST							
Minor street flooding reported.									
Rockwall County									
Rockwall to Royse City	19	1355CST			0	0			Flash Flood
		2230CST							
Significant flooding in and between the cities of Rockwall and Royse City including bypasses on Interstate 30.									
Ellis County									
Waxahachie	19	1430CST			0	0			Flash Flood
	20	0200CST							
Creeks were out of their banks in Waxahachie and several roads were closed, including both I-45 service roads near Palmer. Main Street and Grand Avenue in Waxahachie were barricaded due to flood waters. Several roads in Bardwell and Bristol were also closed.									
Collin County									
Countywide	19	1500CST			0	0			Flash Flood
		2200CST							
Significant flooding countywide with numerous roads closed. Several high water rescues were needed for stranded vehicles near Lake Ray Hubbard.									
Hopkins County									
5 S Cumby	19	1530CST			0	0			Hail (1.00)
Quarter-size hail reported in Miller Grove.									
Palo Pinto County									
Mineral Wells	19	1643CST			0	0			Flash Flood
		1900CST							
Several roads closed due to flooding.									
Grayson County									
2 E Sherman	19	1700CST			0	0	20K		Flash Flood
		2000CST							
Homes and businesses were flooded.									
Wise County									
12 S Decatur	19	1700CST			0	0			Flash Flood
		1900CST							
Minor street flooding reported.									
Hunt County									
Countywide	19	1720CST			0	0	40K		Flash Flood
	20	0300CST							
Significant flooding countywide with numerous roads closed, including I-30 service roads. Sulphur River overflowed onto State Highway 224 between the cities of Commerce and Neylandville. Also, 380 west of Greenville and 276 west of Quinlan were barricaded all afternoon and evening due to flooding. FM 1570, 1565, and 118 were all closed due to flooding. Flood waters entered homes and apartments in Greenville. A portion of CR 3702 collapsed due to the flooding, washing out an entire 4 to 5 foot section. CR 3208 was also damaged by the floods.									
Johnson County									
Countywide	19	1745CST			0	0			Flash Flood
		2230CST							
Several roads and bridges were underwater across the county. High water rescues were also needed. A woman and two children had to be rescued when their house was surrounded by flood waters Sunday afternoon. Buffalo Creek spilled onto and flooded Hillsboro Street, Smith Street, and West Henderson Street.									

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Dallas County 7 NW Dallas	19	1800CST			0	0	35K		Heavy Rain
	Heavy rain collapsed the roof and walls of a gun range near Love Field.								
Erath County Countywide	19	1800CST 2100CST			0	0			Flash Flood
	FM 8 and CR 199 were underwater and barricaded. Water was also flowing over several other roads in the county.								
Grayson County 5 SE Denison	19	1800CST 2000CST			0	0			Flash Flood
	Minor street flooding reported.								
Denton County Justin	19	1809CST 2000CST			0	0			Flash Flood
	The intersection of Creekhill Way and 12th Street was underwater and barricaded.								
Hood County Granbury	19	1846CST			0	0			Thunderstorm Wind (G50)
	Trees were blown down.								
Fannin County Trenton	19	1900CST 2100CST			0	0			Flash Flood
	Flood waters caused Augustus Street in downtown Trenton to be closed for a short period of time.								
Lamar County Southeast Portion	19 20	2200CST 0030CST			0	0	20K		Flash Flood
	Flooding reported in the southeastern portion of the county. Several roads were closed and some homes and apartments were flooded. Flood waters were more than six feet deep between Collegiate and Clarksville Streets.								
Kaufman County North Portion	19 20	2210CST 0100CST			0	0			Flash Flood
	A few road closures due to flooding were reported.								
TXZ105 Hunt	20	0125CST			0	0	5K		Strong Wind
	Non-thunderstorm winds blew over a shed and damaged a house.								
Freestone County 2 NW Teague	28	0616CST 1200CST			0	0			Flash Flood
	Highway 84 West near the Limestone/Freestone border were barricaded due to flooding.								
Limestone County Countywide	28	0616CST 1200CST			0	0	50K		Flash Flood
	Several roads were washed out due to flood waters, including FM 456, FM 460, and FM 937 near Groesbeck. Parts of a railroad crossing were also washed away near FM 456. Also, CR 463 near Mexia was barricaded, as was FM 462 and CR 243, due to flood waters.								
Bell County Nolanville	28	0626CST 0800CST			0	0			Flash Flood
	Crossing Road in Nolanville barricaded due to flooding.								
Coryell County 10 N Copperas Cove	28	0725CST 0830CST			0	0			Flash Flood
	Flooding reported along FM 116.								
Leon County 8 NE Buffalo	28	0836CST 1200CST			0	0			Flash Flood
	Water over FM 1838 and Highway 79 between Buffalo and Oakwood at Keechie Creek.								
Bell County 7 N Belton	28	0935CST			0	0	130K		Lightning
	Lightning struck a utility box and started a fire at a home on Timberwolf Trail in Morgan's Point Resort. The one-story brick house was completely destroyed by the fire.								

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
TEXAS, North									
Montague County									
Nocona	30	1654CST			0	0			Hail (0.88)
									Reported in Nocona Hills.
Montague County									
Ringgold	30	1721CST			0	0			Hail (0.75)
Cooke County									
12 NNE Muenster	30	1817CST			0	0	5K		Hail (1.75)
									Golf ball-size hail reported in Sivells Bend. Minor vehicle damage was reported.
Montague County									
St Jo	30	1849CST			0	0	5K		Hail (1.75)
									Golf ball-size hail reported on the east side of town.
Cooke County									
1 SE Dexter	30	1911CST			0	0	5K		Hail (1.75)
Grayson County									
6 WNW Pottsboro	30	1911CST			0	0	5K		Hail (1.75)
									Nickel to golf ball-size hail reported.
Cooke County									
2 E Callisburg	30	1915CST	0.1	15	0	0			Tornado (F0)
									Brief tornado near the Cooke/Grayson County line. No damage was reported.
Cooke County									
6 NNE Gainesville	30	1929CST			0	0	10K		Hail (2.75)
									Golf ball to baseball-size hail reported at Walnut Bend.
Grayson County									
5 SW Pottsboro	30	2007CST			0	0	10K		Hail (2.75)
									Golf ball to baseball-size hail reported.
Grayson County									
Locust	30	2030CST	0.1	15	0	0			Tornado (F0)
									Tornado reported by Gordonville Fire Department about 5 miles east of the intersection of FM 901 and Highway 377.
Cooke County									
3 N Callisburg	30	2034CST			0	0			Hail (1.00)
									Marble to quarter-size hail reported.
Grayson County									
Sherman	30	2036CST	0.1	10	0	0	10K		Tornado (F0)
									Public report of a tornado relayed by broadcast media. Power lines were knocked down. No other damage was reported.
Grayson County									
1 SW Denison	30	2041CST			0	0	10K		Thunderstorm Wind (G50)
									Power lines down.
Cooke County									
5 W Gainesville	30	2055CST			0	0			Hail (1.00)
									Quarter-size hail reported at Lindsay.
Fannin County									
15 N Dodd City	30	2124CST			0	0			Hail (0.88)
Fannin County									
15 N Honey Grove	30	2143CST			0	0			Hail (1.00)
									A cooperative observer reported quarter-size hail near Monkstown.
Grayson County									
Countywide	30 31	2200CST 0030CST			0	0			Flash Flood
									Flooding reported in Sherman and also on numerous farm roads between Denison and Pottsboro, including Lewis Lane and FM 121.
Grayson County									
Howe	30	2220CST			0	0			Hail (1.00)
Fannin County									
Trenton	30	2243CST			0	0			Hail (1.00)
Lamar County									
Roxton	30	2306CST			0	0			Thunderstorm Wind (G63)

Storm Data and Unusual Weather Phenomena

March 2006

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									
Lamar County									
3 SE Paris	30	2325CST			0	0			Thunderstorm Wind (G54)
		62 MPH wind gust reported at Paris Airport by AWOS.							
TEXAS, North Panhandle									
TXZ012									
	Potter								
	01	1237CST			0	0			Wildfire
		1700CST							
	A wildfire eight miles north of Amarillo burned eight hundred and five acres. No structures were reported damaged and no injuries were reported.								
TXZ008									
	Hutchinson								
	06	1605CST			0	0			Wildfire
		2000CST							
	A wildfire eight miles north northeast of Fritch burned five hundred acres. No structures were reported damaged and no injuries were reported.								
TXZ005									
	Lipscomb								
	07	1900CST			0	0			Wildfire
		2300CST							
	A wildfire five miles southeast of Follett burned six hundred acres. No structures were reported damaged and no injuries were reported.								
TXZ014									
	Gray								
	08	1525CST			0	0			Wildfire
		1800CST							
	A wildfire nine miles east of Pampa burned one thousand acres. No structures were reported damaged and no injuries were reported.								
TXZ014									
	Gray								
	09	1900CST			0	0			High Wind (G52)
	The Texas Mesonet station one mile east of McLean reported a measured non-convective wind gust of fifty-two knots. A tight pressure gradient caused by a deepening surface trough of low pressure along the lee of the Rockies produced strong wind gusts in the east central Texas panhandle during the early evening hours.								
TXZ011									
	Oldham								
	10	1420CST			0	0	8K		Wildfire
		2100CST							
	A wildfire one mile north of Boys Ranch burned thirteen thousand acres to within seven miles of Dumas. Flame lengths were reported to be 11 feet. Residents southwest of Dumas were under a voluntary evacuation. The wildfire was started when a vehicle caught fire along U.S. Highway 385. The wildfire singed two outbuildings and a few abandoned vehicles...however no injuries were reported.								
TXZ017									
	Randall								
	12	0820CST			0	0	5K		Wildfire
		1130CST							
	A wildfire fourteen miles south southwest of Canyon burned two thousand acres and two outbuildings were lost. There were no reports of injuries.								
TXZ017									
	Randall								
	12	0830CST			0	0			Wildfire
		1100CST							
	A wildfire six miles southeast of Canyon burned one thousand and six hundred acres. There were no reports of structure damage or injuries.								
TXZ013>014									
	Carson - Gray								
	12	1100CST			12	8	49.9M	45.4M	Wildfire
	18	1800CST							
	The wildfire known as the Borger wildfire started four miles southeast of Borger on the Burnett (6666) Ranch property. This wildfire was caused by downed power lines due to the strong gradient southwesterly winds. The wildfire burned four hundred and seventy-nine thousand five hundred and forty-nine acres. Twenty eight structures were lost and seven people were killed. This fire burned into southeast Hutchinson County...northwest Gray County...through central Roberts County and finally into western Hemphill County. The second wildfire known as the Interstate 40 wildfire burned four hundred and twenty-seven thousand six hundred and ninety-six acres. This wildfire started four miles east of Groom near Boydston and was also caused by downed power lines from the strong gradient southwesterly winds. Eighty vehicles and eighty outbuildings were destroyed. Nine fire fighters were injured and one of those injured fire fighters died about a month later. Four people were killed in a nine vehicle accident on Interstate 40. The Texas Forest Service named the two wildfires the East Amarillo Complex which killed approximately five thousand head of livestock. Over forty structures were destroyed including thirty-two homes. More than one thousand and forty electrical poles were destroyed leaving at least eighty homes without power. The wildfires also destroyed about seven hundred miles of fencing. The Texas Forest Service said that the wildfires moved forty-five miles in just nine hours with a spread rate of five								

Storm Data and Unusual Weather Phenomena

March 2006

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

miles an hour and flame lengths of greater than eleven feet. M62VE, F49VE, M56VE, F14VE, F46VE, M94PH, M84PH, F64PH, M42PH, M32PH, M32PH, M30PH

TXZ007

Moore

12 1145CST
1800CST

0 0

Wildfire

TXZ017

A wildfire six miles west southwest of Cactus burned five hundred acres. There were no reports of structure damage or injuries.

Randall

12 1155CST
1500CST

0 0

Wildfire

TXZ006

A wildfire seven miles southwest of Canyon burned one thousand acres. There were no reports of structure damage or injuries.

Hartley

12 1200CST
1630CST

0 0

Wildfire

TXZ017

A wildfire nine miles west southwest of Channing burned eight hundred acres. No structure damage or injuries were reported.

Randall

12 1240CST
1600CST

0 0

Wildfire

TXZ001-004-006>007

A wildfire seven miles southeast of Amarillo...just south of the Route 66 Motor Speedway near the intersection of Loop 335 and 58th Street...burned four hundred and fifty acres. There were no reports of damage or injuries.

Dallam - Ochiltree - Hartley - Moore

12 1300CST
1600CST

0 0

High Wind (G37)

TXZ019

A deepening surface low pressure system over southern Kansas produced strong sustained winds across the northern Texas panhandle. The Automated Surface Observing Station at Dalhart and the Automated Weather Observing Systems at Perryton and Dumas reported thirty-seven knot sustained winds.

Donley

12 1500CST
2000CST

0 0

16K

Wildfire

TXZ004

A wildfire four miles southeast of Lelia Lake burned one thousand eight hundred acres. Eight outbuildings were destroyed but there were no reports of injuries.

Ochiltree

15 1730CST
16 1800CST

0 0

Wildfire

TXZ001

A wildfire seventeen miles south southwest of Perryton burned ten thousand acres. There were no reports of damage or injuries.

Dallam

20 1600CST
2300CST

0 0

Heavy Snow

Texline reported five inches of snow.

A vigorous low pressure system in the upper atmosphere tracked southeast across the southern Rockies and pulled much colder air down into the northwest Texas panhandle. The colder air combined with abundant low level moisture to produce heavy snow during the day and into the evening hours.

TXZ017

Randall

24 1600CST
2000CST

0 0

Wildfire

TXZ012

A wildfire five miles south southwest of Umbarger burned five hundred acres on the west side of Buffalo Lake. There were no reports of structure damage or injuries.

Potter

30 1149CST
1700CST

0 0

590K

Wildfire

TXZ012

A wildfire three and a half miles northeast of Amarillo destroyed fourteen homes...numerous vehicles...and four outbuildings. The wildfire burned seven hundred acres and there were no reports of injuries.

Potter

31 1535CST
1900CST

0 0

Wildfire

A wildfire nine miles northeast of Amarillo burned three hundred acres...however there were no reports of structure damage or injuries.

TEXAS, Northeast

TXZ109

Titus

09 0345CST

0 0

High Wind (G52)

Several trees were downed across the county from an apparent Meso Wake Low pressure system.

Storm Data and Unusual Weather Phenomena

March 2006

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, Northeast</u>									
Red River County									
Annona	09	0623CST			0	0	10K		Thunderstorm Wind (G58)
									Several trees downed and a few storage buildings damaged.
Red River County									
Avery	09	0630CST			0	0			Thunderstorm Wind (G57)
									Several trees downed.
Cherokee County									
1 W Jacksonville	09	0640CST			0	0			Thunderstorm Wind (G54)
									Trees downed.
Titus County									
Mt Pleasant	09	0655CST			0	0			Thunderstorm Wind (G56)
									Trees downed.
Bowie County									
New Boston	09	0715CST			0	0	5K		Thunderstorm Wind (G55)
									Extensive damage to a storage building in town.
Rusk County									
Mt Enterprise	09	0725CST			0	0			Thunderstorm Wind (G54)
									Trees downed.
Rusk County									
Henderson	09	0730CST			0	0			Thunderstorm Wind (G56)
									Trees and power lines downed.
Nacogdoches County									
2 E Nacogdoches	09	0750CST			0	0			Thunderstorm Wind (G56)
									Trees and power lines downed along Hwy 7.
Panola County									
Carthage	09	0750CST			0	0			Thunderstorm Wind (G55)
									Trees downed.
Nacogdoches County									
Nacogdoches	09	0750CST			0	0			Thunderstorm Wind (G56)
									Trees and power lines downed near the junction of US 59 and 259.
Panola County									
Gary	09	0810CST			0	0	20K		Thunderstorm Wind (G59)
									Roof blown off a home in Gary City.
San Augustine County									
3 S San Augustine	09	0920CST			0	0			Thunderstorm Wind (G55)
									A few trees downed at Junction of FM 1751 and FM 103.
Sabine County									
Pineland	09	0925CST			0	0			Thunderstorm Wind (G55)
									A few trees downed.
Rusk County									
7 N Mt Enterprise	18	1500CST			0	0			Hail (0.75)
Panola County									
Gary	18	1520CST			0	0			Hail (0.75)
Smith County									
8 W Lindale	18	1600CST			0	0	75K		Lightning
									Lightning struck and destroyed the Trinity building at the Sky Ranch Christian Camp located on CR 448 about 4 miles north of Van in extreme northwest Smith County. No injuries or fatalities were reported.
Red River County									
Clarksville	20	0330CST 0430CST			0	0			Flash Flood
									Scatter Creek flooding over FM 909. Cut Hand Creek flooding over FM 1487. Mustang Creek flooding over FM 410. All roads were closed for a period of time.
Red River County									
Detroit	30	2345CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

March 2006

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</u>									
TXZ253									
	08	1200CST			0	1	30K		Strong Wind
	Emergency Manager from the City of Weslaco reported damage due to strong winds. The winds picked up a carport that was connected to a mobile home, and blew it approximately 70 feet away before it landed on top of 3 other mobile homes. The carport broke through the roof of one of the homes, and the occupant was injured by the resulting damage.								
Brooks County									
Falfurrias	28	1805CST			0	0			Hail (0.88)
	Hail the size of nickels was reported by the Brooks County Sheriff's Department.								
<u>TEXAS, South Central</u>									
Bandera County									
Medina	08	2228CST 2240CST			0	0			Hail (1.75)
Travis County									
10 NW Beecaves	08	2340CST 2350CST			0	0			Hail (0.75)
Edwards County									
Rocks Spgs	19	0550CST 0605CST			0	0			Hail (0.88)
Kerr County									
15 W Kerrville	19	0620CST 0630CST			0	0			Hail (1.00)
Burnet County									
11 NNW Burnet	19	0910CST 0920CST			0	0			Hail (0.88)
Val Verde County									
10 S Loma Alta	19	1810CST 1820CST			0	0			Hail (1.75)
Real County									
4 W Leakey	19	2005CST 2015CST			0	0			Thunderstorm Wind (G60)
	Damage from a severe thunderstorm was reported by a trained spotter near Leakey. The storm had blown down several trees along FM337 just west of the town.								
Kerr County									
1 N Camp Verde to Center Pt	19	2055CST 2115CST			0	0			Hail (2.75)
Kendall County									
Comfort to Sisterdale	19	2115CST 2130CST			0	0			Hail (2.75)
Kendall County									
Kendalia	19	2150CST 2200CST			0	0			Hail (1.00)
Uvalde County									
5 SW Uvalde to 3 S Uvalde	19	2200CST 2230CST			0	0	2M		Thunderstorm Wind (G75)
	During the late evening, a severe thunderstorm struck just south of the Uvalde downtown area. The damage began five miles southwest of Uvalde and continued south of the town to 7 miles east of the Uvalde airport. The most widespread of the damage was southwest of the city in the Uvalde estates area. Nearly all debris was reported by emergency management to have blown toward the east in an area approximately 3 miles wide and 5 miles long. Damage in this area included damage to about 100 homes and mobile homes. Many of the mobile homes were overturned or rolled and destroyed, with some of the damage occurring while occupants were still inside their mobile homes. Scores of roofs were damaged or destroyed and hundreds of trees were knocked over, with pieces of sheet metal, aluminum, tree branches and broken glass everywhere. Miraculously, there were no deaths and no serious injuries. The type of damage and the fact that nearly all the debris was blown toward the east indicates that nearly all of this damage was due to severe thunderstorm winds. Wind speeds in this event were estimated to be between 80 and 90 mph. This wind damage became spotty as the storm continued eastward...moving just south of the Uvalde downtown area.								
Uvalde County									
Uvalde	19	2215CST 2230CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

March 2006

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

much of the Southern Plains. Sources at the Texas Forest Service ranked the wildfires on March 12th as the worst in state history.

Most crops across the region had been harvested by the time the drought commenced, and the dry weather actually helped farmers extract cotton from the fields during the late fall. Despite the light moisture amounts received in March, the drought is expected to have long-term adverse effects as fields are prepared and planting begins during the upcoming growing season. Thus agricultural losses resulting from the drought will likely be realized at future dates according to local extension agents.

Hockley County									
4 S Levelland	08	1740CST			0	0	0	0	Thunderstorm Wind (G51)
Lubbock County									
Lubbock Intl Arpt	08	1749CST			0	0	0	0	Thunderstorm Wind (G54)
Hale County									
5 NE Abernathy	08	1805CST			0	0	0	0	Thunderstorm Wind (G50)
TXZ024-028									
	08	1910CST			0	0	0	0	High Wind (G52)
		1945CST							

High based showers and a few thunderstorms developed in an environment characterized by 40 degree surface dewpoint depressions during the late afternoon of the 8th. This as a potent upper level storm system propagated east from the southern Rockies over the Texas Panhandle. The mid level cold pool associated with the upper low was sufficient to generate shallow moist convection despite breezy westerly winds that advected very dry low level air and dust across the area earlier in the day.

A series of dry microbursts accompanied this activity as it spread from southwest to northeast over the South Plains and the extreme southern Panhandle. Lightning accompanied several of the convective cells responsible for the microbursts. Convection waned by early evening and was no longer electrified when severe gusts were recorded in Briscoe and Lamb Counties at 19:10 and 19:45 CST respectively. Radar data suggest that convective downdrafts evaporating in a very dry and deep boundary layer were sufficient to enhance gradient winds that were generally sustained in the 20 to 25 MPH range. Gusts as high as 62 MPH were recorded by the West Texas Mesonet and the ASOS located at Lubbock International Airport during the event. No reports of property damage were received.

Storm Data and Unusual Weather Phenomena

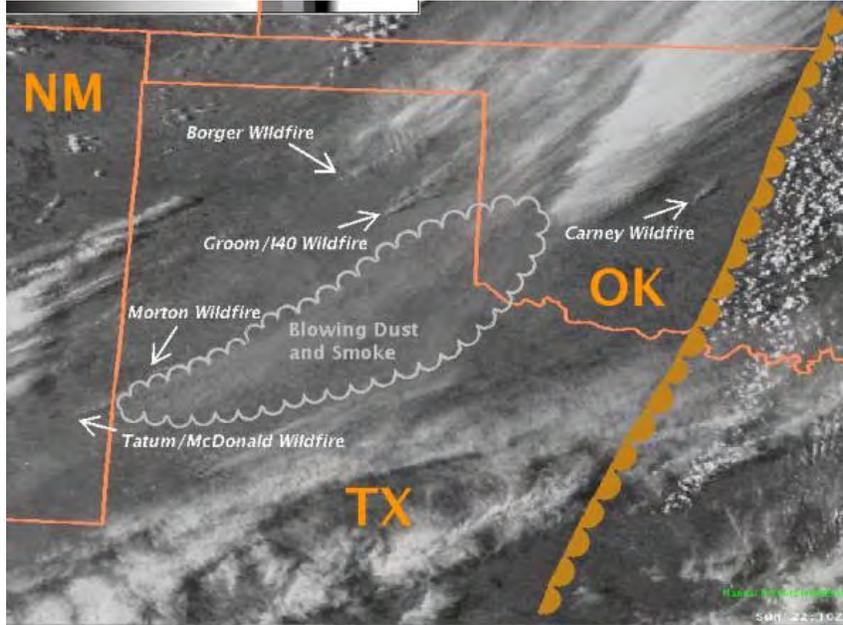
March 2006

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

TXZ021>024-035-039-041 Parmer - Castro - Swisher - Briscoe - Lubbock - Yoakum - Lynn

12 1130CST 0 0 50K 0 High Wind (G54)
1650CST



Visible satellite imagery showing widespread blowing dust and smoke from numerous wildfires over west Texas during the late afternoon hours of the 12th. Image courtesy: National Weather Service - Lubbock, Texas.

The Texas Tech West Texas Mesonet recorded a total of seven severe wind gusts across the South Plains region during the daytime hours on the 12th. The high westerly winds, with gusts up to 62 MPH, blew dust and smoke from ongoing wildfires over much of the region. The visibilities were dramatically reduced during much of the afternoon. Minor roof damage to several homes was reported in Lubbock and a few power lines were additionally blown down by the winds. No injuries were reported. A list of measured severe wind gusts follows:

- Friona (Parmer County).....59 MPH
- Tulia (Swisher County).....60 MPH
- Silverton (Briscoe County).....59 MPH
- Tahoka (Lynn County).....59 MPH
- Lubbock (Lubbock County).....58 MPH
- Hart (Castro County).....62 MPH
- Plains (Yoakum County).....60 MPH

Storm Data and Unusual Weather Phenomena

March 2006

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

TEXAS, South Panhandle

TXZ026-029-032-032>033 Childress - Hale - Cottle - Cochran

12	1215CST				0	0	280K	50K	Wildfire
17	2000CST								



Flames scorched open rangeland in Cochran County on the 13th. An 8,000 acre wildfire ignited south of Morton during high winds and adverse fire weather conditions on the afternoon of the 12th, destroying two homes. Residual fires in southern Cochran County burned through the night before they were extinguished during the early afternoon hours on the 13th. Photo courtesy: Chris Woolam - Morton Tribune.

Very large wind-driven wildfires burned tens of thousands of acres and destroyed property in association with the high winds on the 12th. At least a half dozen wildfires were sparked during the event, four were significant fires. The two largest fires burned out of control for nearly a week.

A fire that began west of Abernathy in southern Hale County destroyed a rural residence just after noon. Another significant wildfire south of Morton in Cochran County destroyed two homes before it was contained during the afternoon hours of the 13th.

Major wildfires charred 40,000 acres of open grassland in Cottle and Childress Counties. One massive fire ignited near the Cottle and Childress County line during the afternoon hours, and burned a swath six miles wide and fifteen miles long across southern Childress and northern Cottle Counties.

Weather conditions remained favorable for explosive fire growth and behavior through much of the overnight hours as a passing cold front maintained strong winds and continued to usher in very dry air. A second fire was sparked near U.S. Highway 62/83 just north of Paducah around midnight. The complex of fires in Childress and Cottle Counties continued to burn until light rain aided in extinguishing them late on the 17th. Although several structures were threatened and several head of livestock perished, no significant structural damage or injuries were reported.

TXZ036

Crosby

13	0350CST				0	0	0	0	High Wind (G53)
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A West Texas Mesonet site northwest of White River Lake recorded a severe wind gust to 61 MPH. These winds were associated with the passage of a strong cold front, and may have been enhanced by local effects as northwesterly winds were channeled through canyons along the slopes of the Caprock Escarpement. No damage was reported.

March 12-17 Wind and Wildfire Event Summary: High westerly winds with occasional severe gusts affected much of west Texas, including the South Plains region, on the 12th. The winds resulted in a few reports of minor damage in the Lubbock vicinity, and blowing dust and smoke reduced visibilities over most of the region.

At least a half dozen wildfires were sparked during the high winds over the South Plains and the extreme southern panhandle. More than 50,000 acres of prairie were burned across the area, with a few fires persisting through the 17th. At least three homes were destroyed and several head of livestock were lost, but no injuries were reported. Total damage estimates totaled at least \$380,000

Storm Data and Unusual Weather Phenomena

March 2006

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

dollars.

TXZ034>035-042	Hockley - Lubbock - Garza								
	20	1205CST 1420CST			1	9	200K	0	High Wind (G55)



Rescue workers search for trapped victims in the rubble of the Little Panda restaurant after high winds contributed to the building's collapse. One woman died and nine people were injured when a sign was blown down and caused the roof of the structure to fail. Photo courtesy: David Johnson - The Daily Toreador.

Strong to occasionally severe gradient winds were associated with the passage of a strong storm system over the Texas Panhandle on the 20th. Westerly winds were generally sustained in the 30 MPH range with gusts approaching 55 MPH over a large part of the South Plains region. Winds were enhanced, however, over the central sections of the South Plains where three severe gusts were recorded by the Texas Tech West Texas Mesonet. These severe gusts were immediately south of an advancing cold front. Weak and very high based cumulus clouds with virga were observed in advance of the front, but it is unclear through radar analysis and observations if the wind gusts were convectively enhanced.

Damage that resulted in one death and nine injuries was associated with the winds at 12th Street and Slide Road in Lubbock. A local restaurant, The Little Panda, was destroyed during the noon lunch hour when a wind gust blew down a sign mounted to the structure's roof and caused the establishment to fail in a collapse. Nearly thirty people were trapped under the rubble when rescue teams arrived. Minor roof damage to several homes also was reported throughout the city.

Several utility poles also were blown down north of Post in Garza County.

A list of severe wind gusts follow:

- Anton (Hockley County).....60 MPH
- Reese Center (Lubbock County).....61 MPH
- Graham (Garza County).....63 MPH

F23BU

TXZ021>030-034-036	Parmer - Castro - Swisher - Briscoe - Hall - Childress - Bailey - Lamb - Hale - Floyd - Hockley - Crosby								
	23	1500CST 2330CST			0	0	0	0	Winter Weather

A strong upper level storm system propagated east over the Texas Panhandle on the 23rd and interacted with sufficiently cold air to result in light accumulating snows over the extreme southern panhandle and the northern South Plains. Snow accumulations generally ranged between one to three inches. The wintry weather, however, did not significantly impact travel conditions given

Storm Data and Unusual Weather Phenomena

March 2006

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									
Gaines County									
12 S Seminole	19	2120CST 2130CST			0	0	20K	0	Hail (0.75)
									The Gaines County Sheriff's Office reported penny size hail covering U.S. Highway 385 caused an accident south of Seminole. No injuries occurred.
Andrews County									
1.5 NNW Florey to 3 SE Frankel City	19	2159CST 2205CST			0	0	0	0	Hail (0.75)
									Hail up to the size of pennies was reported from near Florey to Frankel City.
Dawson County									
Lamesa	19	2216CST			0	0	0	0	Hail (0.75)
									Hail up to the size of pennies was reported in Lamesa.
Andrews County									
1 NW Andrews to 8 ESE Andrews	19	2300CST 2320CST			0	0	0	0	Hail (0.88)
									Pea to nickel size hail was reported from just northwest of Andrews to just southwest of the intersection of Texas Highway 176 and Farm to Market Road 1788.
Gaines County									
6 E Seminole to Seminole	19	2300CST 2313CST			0	0	0	0	Hail (0.75)
									Pea to penny size hail covered the ground from 6 miles east of Seminole to Seminole.
Martin County									
5 E Flower Grove	19	2355CST			0	0	0	0	Hail (0.75)
									The Flower Grove Co-op Gin reported penny size hail covering Farm to Market 2002 in front of the gin.
TXZ074-258-258									
Davis / Apache Mountains Area - Guadalupe Mountains Of Culberson County									
	19	2000CST			0	0	0	0	High Wind (G76)
	20	1800CST							
									A mountain high wind event occurred on the 20th in the Davis Mountains. The peak wind speed was 71 mph recorded at Mount Locke. No damage was reported.
Pecos County									
9 WSW Ft Stockton	28	1715CST 1825CST			0	0	0	0	Hail (1.75)
									Golf ball size hail fell during this time period piling up to a depth of 2 inches.
Pecos County									
Belding	28	1730CST			0	0	0	0	Hail (1.00)
									Quarter size hail covered the ground in Belding.
Reeves County									
Verhalen	28	1800CST			0	0	0	0	Hail (1.00)
									Nickel to quarter size hail was reported by the public in Verhalen.
Ward County									
1 E Barstow	28	1817CST			0	0	0	0	Thunderstorm Wind (G57)
									The Texas Department of Public Safety reported several 60 mph wind gusts just east of Barstow.
Pecos County									
Belding	28	1830CST 1905CST			0	0	0	0	Hail (0.88)
									The Pecos County Sheriff's Office reported penny to nickel size hail falling in Belding.
Winkler County									
7 E Wink to Kermit	28	1857CST 1915CST			0	0	10K	0	Hail (1.00)
									Penny to quarter size hail fell in 60 to 65 mph winds in both Kermit and Wink, breaking many windows and shredding south facing building sides.
Winkler County									
Kermit	28	1910CST			0	0	10K	0	Hail (2.00)
									The Kermit Police Department reported hail up to two inches in diameter fell in Kermit. Coupled with high winds, the large hail broke many windows and shredded south facing building sides.
Winkler County									
Kermit	28	1915CST			0	0	10K	0	Thunderstorm Wind (G57)
									Penny to quarter size hail fell in 60 to 65 mph winds in both Kermit and Wink, breaking many windows and shredding south facing building sides.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of		Estimated		Character of Storm	
					Killed	Injured	Property	Crops		
<u>TEXAS, West</u>										
Pecos County										
24 SW Bakersfield	28	2025CST			0	0	0	0	Hail (1.50)	
									A trained NWS storm spotter came across penny size hail covering the ground southwest of Bakersfield an hour after the last storm went through the area. Hail size estimated given potential melting over that period.	
Pecos County										
30 SE Ft Stockton	28	2115CST			0	0	0	0	Hail (1.00)	
									Quarter size hail, three inches deep, on Highway 285 southeast of Fort Stockton was reported an hour after the last storm moved over the area.	
Pecos County										
Belding to 5 E Ft Stockton	28	2155CST 2209CST			0	0	0	0	Hail (1.75)	
									Penny to golfball size hail fell in and around Fort Stockton.	
Crane County										
17 NW Crane	28	2215CST			0	0	0	0	Thunderstorm Wind (G52)	
									A trained spotter at a petroleum plant in rural Crane county reported 60 mph wind gusts. No damage was reported.	
Pecos County										
10 E Ft Stockton	28	2215CST			0	0	0.30K	0	Hail (1.75)	
									Golfball size hail broke the windshield on a car traveling on Interstate 10 east of Fort Stockton.	
Pecos County										
7 NW Sheffield to .5 N Sheffield	28	2226CST 2240CST			0	0	0	0	Hail (1.75)	
									The Pecos County Sheriff's Department reported 3 to 4 inches of golf ball sized hail covering Interstate 10 between mile markers 319 and 328. Mile marker 328 is about 1/2 mile north of Sheffield.	
Ector County										
4 W Pleasant Farms	28	2238CST			0	0	0	0	Thunderstorm Wind (G52)	
									A ranch owner in rural Ector county reported that 6 inch diameter limbs were knocked off trees by high winds associated with a thunderstorm.	
Ector County										
Odessa	28 29	2329CST 0130CST			0	0	5K	0	Flash Flood	
									The Odessa Police Department reported that a motorist was stranded in the intersection of Muskingum and 11th Streets. This motorist remained stranded for 45 minutes because the water was too high for rescuers to reach him.	
Midland County										
Midland	28	2330CST			0	0	0	0	Hail (0.88)	
Midland County										
Midland	28 29	2350CST 0150CST			0	0	0	0	Flash Flood	
									A NWS trained spotter reported six inches of flowing water at the intersection of Andrews Highway and Midkiff Road.	
Borden County										
12 W Gail	31	2213CST 2224CST			0	0	0	0	Hail (1.00)	
<u>TEXAS, Western North</u>										
TXZ083>090										
			Hardeman - Foard - Wilbarger - Wichita - Knox - Baylor - Archer - Clay							
	01	0000CST			0	0			Drought	
	31	2359CST								
									Drought conditions persisted across western north Texas throughout the month of March despite some rain. The entire area was in a severe (D2) drought at the end of the month. The dry conditions continued to affect farmers and ranchers across the area causing lower farm ponds and degraded pasture for livestock. The dry conditions also made the start and spread of wildfires easier across the area.	
Archer County										
Megargel	08	2235CST			0	0			Hail (0.75)	
									Hail was reported covering the ground.	
Archer County										
1 N Megargel	08	2247CST			0	0			Hail (0.88)	
Archer County										
Archer City	08	2300CST			0	0			Hail (1.75)	
Clay County										
Joy	08	2320CST			0	0			Hail (1.00)	
									Hail was observed covering the ground.	

Storm Data and Unusual Weather Phenomena

March 2006

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

Clay County Henrietta	08	2326CST			0	0			Hail (0.88) Hail was reported in downtown Henrietta.
TXZ086									Wichita 20 1528CST Strong surface winds gusted to 53 knots (61 mph) in Wichita Falls and 68knots (78 mph) in Burkburnett. The wind gust in Wichita Falls was measured by the KSPS ASOS site at Shepherd Air Force Base. The wind gust in Burkburnett was measured by a cooperative observer.
Clay County 3 E Henrietta	30	1639CST			0	0			Hail (0.88)
Clay County 12 E Henrietta	30	1714CST			0	0			Thunderstorm Wind (G53)
Archer County 6 SSW Windthorst	30	1805CST			0	0			Hail (0.75)

UTAH, East

UTZ022>025-027>029	Southeast Utah - Eastern Uinta Mountains - Eastern Uinta Basin - Tavaputs Plateau - Grand Flat And Arches - La Sal & Abajo Mountains - Canyonlands / Natural Bridges								
	01	0000MST			0	0			Drought
	31	2359MST							Although mountain snowpack was very close to 100 percent of normal for the mountains of northeast Utah, abnormally dry conditions continued to plague the remainder of far eastern Utah. In stark contrast, mountain snowpack across southeast Utah was generally at 50 to 60 percent of normal, resulting in abnormally dry to moderate drought conditions in the Four Corners area. In addition to snowpack deficiencies, water supply continued to be a concern for the entire area as the impact from long term drought over previous years continued to be felt. For a continuation on this drought situation please see the April 2006 Storm Data publication.
UTZ023-025	Eastern Uinta Mountains - Tavaputs Plateau								
	07	1200MST			0	0			Winter Weather
	08	1200MST							A Pacific storm produced 5 to 11 inches of snow across the high plateau and mountain areas of east central and northeast Utah.
UTZ028	La Sal & Abajo Mountains								
	07	1600MST			0	0			Heavy Snow
	08	1700MST							Snowfall amounts of 11 to 20 inches occurred across the mountains of southeast Utah as a Pacific storm moved across the area.
UTZ023	Eastern Uinta Mountains								
	09	0400MST			0	0			Winter Weather
	10	1200MST							A series of disturbances embedded in a moist southwest flow resulted in 5 to 6 inches of snowfall across the mountains of extreme northeast Utah.
UTZ025-028	Tavaputs Plateau - La Sal & Abajo Mountains								
	09	0600MST			0	0			Winter Storm
	13	0600MST							A series of disturbances embedded in a moist southwest flow brought a lengthy period of storminess and snowfall to the mountains and high plateaus of east central and southeast Utah. This resulted in widespread snow accumulations of 1 to 2 feet. Strong winds of 30 to 50 mph with local gusts up to 80 mph created blowing snow and drifts 2 to 4 feet deep.
UTZ029	Canyonlands / Natural Bridges								
	09	0800MST			0	0			Heavy Snow
	11	0600MST							A series of disturbances embedded in a moist southwest flow brought 4 to 8 inches of snow to many lower elevation areas of southeast Utah.
UTZ027	Grand Flat And Arches								
	10	0200MST			0	0			Winter Weather
	11	0700MST							A series of disturbances embedded in a moist southwest flow resulted in 3 to 5 inches of snowfall across the lower elevations of east central Utah.
UTZ022	Southeast Utah								
	11	1200MST			0	0			Winter Weather
	12	1200MST							A moist Pacific low pressure system produced 3 to 6 inches of snowfall across the lower elevations of extreme southeast Utah.

Storm Data and Unusual Weather Phenomena

March 2006

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

UTZ023

Eastern Uinta Mountains

12	0000MST				0	0			Winter Weather
13	1200MST								

A series of disturbances embedded in a moist southwest flow resulted in 6 to 10 inches of snowfall across the mountains of extreme northeast Utah.

UTZ023-028

Eastern Uinta Mountains - La Sal & Abajo Mountains

18	0500MST				0	0			Winter Weather
19	1500MST								

A Pacific low pressure system moved across the Great Basin and produced 5 to 11 inches of snow across the Eastern Uinta Mountains, and around 5 inches of snow across the La Sal and Abajo Mountains.

UTZ023-025-028

Eastern Uinta Mountains - Tavaputs Plateau - La Sal & Abajo Mountains

20	1200MST				0	0			Winter Weather
21	2100MST								

A low pressure system produced 5 to 8 inches of snow across the mountains and high plateaus of eastern Utah.

UTZ023-025-028

Eastern Uinta Mountains - Tavaputs Plateau - La Sal & Abajo Mountains

28	1500MST				0	0			Winter Weather
29	2200MST								

A spring storm system produced 5 to 12 inches of snow across the mountains of eastern Utah. Additionally, widespread wind gusts of 20 to 35 mph with local gusts to 45 mph created areas of blowing and drifting snow.

UTZ028

La Sal & Abajo Mountains

31	2300MST				0	0			Winter Weather
	2359MST								

A spring storm system struck southeast Utah at the end of March and continued into early April. Widespread snow accumulations around 5 inches occurred across the mountains of southeast Utah. Please see the April 2006 Storm Data publication for a continuation on this event.

UTAH, West and Central

UTZ005-016

Great Salt Lake Desert And Mountains/Wendover/Snowville - Southwest Utah/Cedar City/Milford

03	1000MST				0	0			High Wind (G58)
	2000MST								

at Causeway. Other gusts were:

Upper Cedar Mtn - 62 mph
 Camel Back - 65 mph
 English Village - 57 mph

UTZ007>010-015>017

Wasatch Mountains I80 North - Wasatch Mountains South Of I80 - Western Uinta Mountains - Wasatch Plateau/Book Cliffs - West Central Utah/Delta - Southwest Utah/Cedar City/Milford - Central And Southwest Mountains

06	1800MST				0	0			Heavy Snow
08	0900MST								

13" in 12h at Monte Cristo

UTZ002-007-

012>013-016>017-019

Northern Wasatch Front/Brigham City/Ogden Bountiful - Wasatch Mountains I80 North - Castle Country/Price/Castle/Dale/Emery - San Rafael Swell/Greene River/Hanksville - Southwest Utah/Cedar City/Milford - Central And Southwest Mountains - Utah'S Dixie And Zion National Park

09	1800MST				0	0			Heavy Snow
13	0600MST								

8" in 12h at Bountiful

UTZ007

Wasatch Mountains I80 North

11	1500MST				1	0			Avalanche
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1 fatality in Taylor Canyon on Mt. Ogden M?OU

A series of cold wintery storm systems moved across Utah during the period. An avalanche on the 11th claimed the life of a snowboarder caught in the slide in Taylor Canyon on Mount Ogden. There were several multiple car pileups...the largest of which was in Ogden when 16 cars crashed on I-15 near 31st Street...closing the freeway. The system continued south into southern Utah, bringing heavy snow down to the Saint George area. Scores of accidents occurred as a result of the slick roadways.

Snowfall totals for the period (in inches)..

Brian Head	44	Cedar Breaks	40	Farmington Cyn	33
Kolob-Zion NP	31	Pine Valley Mts	29	Alta Lifts	27
Brighton	26	Sundance	25	Snowbasin	24
Alta Udot	24	Cedar City	20-23	Bryce Canyon	22

Storm Data and Unusual Weather Phenomena

March 2006

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

The Canyons	20	Spruces	19	Wasatch Plateau	19
Tony Grove Lake	18	Snowbird	18	Parleys Summit	16
Deer Creek Dam	16	Layton Bench	15	Monte Cristo	15
Solitude	15	Oquirrh Mts	15	Cove Fort	14
Clearfield	3	Newcastle	13	Paragonah	13
Spanish Fork	12	South Ogden	11	Upper Millcreek	11
Alpine	11	Pleasant Grove	11	Enoch	11
Green River	11	Springville	10	Panguitch	10
Daniels Pass	10	Brigham City	9	Layton	9
Ogden Bench	9	Emery	9	New Harmony	9
Mount Pleasant	9	Ferron	9	Trial Lake	9
Provo	8	Cottonwood Hts	8	Park City	8
Zion NP	8	Fillmore	8	Taylorsville	7
Sandy	5	Kamas	5	Beaver	5
Richfield	4	Kanab	4	Saint George	4
Altamont	4	Duchesne	4	South Jordan	3
Hanksville	3	Manti	3	Circleville	3
Escalante	2	Hite Marina	2		

UTZ002>003-006>008 Northern Wasatch Front/Brigham City/Ogden Bountiful - Salt Lake And Toole Valleys - Wasatch Mountain Valleys/Huntsville/Park City/Heber - Wasatch Mountains I80 North - Wasatch Mountains South Of I80

14 2100MST 0 0 Heavy Snow
15 0900MST

15" in 12h along the Bountiful Bench

Another commuter special hit during the morning rush hour along the Wasatch front. Snow was particularly heavy in southern Davis and eastern Salt Lake Counties where lake enhanced snow bands lingered. Snowfall rates of 4 to 5 inches per hour were reported in southern Davis County during the height of the storm. I-80 was closed in Parleys Canyon due to slick roads and a semi trailer accident which blocked several lanes. I-215 was closed near the merge to I-15 northbound after a semi trailer truck overturned. More than 75 accidents and slide-offs were reported in Salt Lake County alone.

UTZ001-003>009-014-017

Cache Valley/Utah Portion - Salt Lake And Toole Valleys - Southern Wasatch Front/Lehi/Provo/Nephi - Great Salt Lake Desert And Mountains/Wendover/Snowville - Wasatch Mountain Valleys/Huntsville/Park City/Heber - Wasatch Mountains I80 North - Wasatch Mountains South Of I80 - Western Unita Mountains - Sanpete/Sevier Valleys - Central And Southwest Mountains

18 0500MST 0 0 Heavy Snow
19 1500MST

9" in 12h at Paradise

A fast moving but potent storm brought as much as a foot and a half of snow to central and northern Utah in 24 hours.

UTZ008-016>018

Wasatch Mountains South Of I80 - Southwest Utah/Cedar City/Milford - Central And Southwest Mountains - Southeast Mountains/Canyonlands

20 2300MST 0 0 Heavy Snow
21 1300MST

15" in 12h at Alta (Collins)

A high elevation snowstorm dropped as much as a foot of snow across the central and northern Utah mountains.

UTZ002>005-007>008-015

Northern Wasatch Front/Brigham City/Ogden Bountiful - Salt Lake And Toole Valleys - Southern Wasatch Front/Lehi/Provo/Nephi - Great Salt Lake Desert And Mountains/Wendover/Snowville - Wasatch Mountains I80 North - Wasatch Mountains South Of I80 - West Central Utah/Delta

25 1800MST 0 0 2.5K High Wind (G82)
26 0600MST

Strong winds ripped off a carport roof in South Ogden. Wind speed estimated from nearby sensors.

UTZ007>008

Wasatch Mountains I80 North - Wasatch Mountains South Of I80

25 1800MST 0 0 Heavy Snow
26 0600MST

15" in 12h at Snowbasin

Strong winds buffeted many areas of Utah on the 25th . . . followed by a strong cold front with a burst of snowfall in northern Utah on the 26th. The winds toppled a semi-trailer truck on I-80 about 35 miles east of Wendover. The winds also blew a carport roof and tossed it a couple of hundred yards away. Power lines were downed resulting in spotty power outages along the Wasatch front.

Storm Data and Unusual Weather Phenomena

March 2006

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

UTZ007>010-017>018 Wasatch Mountains I80 North - Wasatch Mountains South Of I80 - Western Unita Mountains - Wasatch Plateau/Book Cliffs - Central And Southwest Mountains - Southeast Mountains/Canyonlands

28	0800MST	0	0			Heavy Snow
29	1800MST					

15" in 12h at Ben Lomond SNOTEL

Washington County

Gunlock	28 1700MST	0	0			Heavy Rain
	29 1700MST					

1.00 to 1.25 inch rainfall washed out culverts and caused urban flooding.

Heavy rain affected some valleys locations in southern and western Utah with heavy snows in the mountains. Street and urban flooding was reported in portions of Washington County. The worst damage was near Gunlock where water washed out culverts.

VERMONT, North and Central

VTZ016>018 Eastern Franklin - Eastern Chittenden - Eastern Addison

04	0300EST	0	0	30K		Winter Storm
	1800EST					

A blocking pattern in the upper level wind flow across Greenland maintained a trough of low pressure across eastern North America on the 3rd and 4th. On the night of the 3rd, moisture and warmer air aloft backed southwest into an arctic airmass across northern Vermont causing snow to develop. Northwest winds at the low levels caused upslope conditions across the western slopes of the northern Green Mountains during the early morning hours of the 4th with significant snowfall that continued through the day. Snowfall accumulations across the western slopes ranged from 12 to over 20 inches. Some specific snowfall totals included: 12 inches in West Lincoln, 16 inches in Hanksville, Enosburg Falls and Westford with 19 inches in Underhill and 21 inches in Jericho and Richford.

VTZ003-006-008 Orleans - Lamoille - Washington

04	0500EST	0	0	25K		Winter Storm
	1800EST					

A blocking pattern in the upper level wind flow across Greenland maintained a trough of low pressure across eastern North America on the 3rd and 4th. On the night of the 3rd, moisture and warmer air aloft backed southwest into an arctic airmass across northern Vermont causing snow to develop. Northwest winds at the low levels caused upslope conditions across the western slopes of the northern Green Mountains that spilled into western sections of adjacent counties during the 4th. Snowfall accumulations ranged from a few inches in eastern sections to 12 to 24 inches along the Green Mountains. Some specific snowfall totals included: 2 inches in Newport, Albany and Montpelier, 3 inches in Greensboro and Worcester, 4 inches in Marshfield and Middlesex, 6 inches in Waitsfield with 9 inches in Eden, 10 inches in Stowe, 12 inches in Waterbury, 15 inches in Johnson, 16 inches in Jeffersonville and Pleasant Valley, while Jay Peak witnessed 24 inches.

VTZ002-005-009 Western Franklin - Western Chittenden - Western Addison

04	0500EST	0	0	35K		Winter Storm
	1200EST					

A blocking pattern in the upper level wind flow across Greenland maintained a trough of low pressure across eastern North America on the 3rd and 4th. On the night of the 3rd, moisture and warmer air aloft backed southwest into an arctic airmass across northern Vermont causing snow to develop. Northwest winds at the low levels caused upslope conditions to develop during the early morning of the 4th across the Champlain Valley of Vermont into the western slopes of the Green Mountains. Snowfall accumulations ranged from a few inches along the lakeshore to over a foot less than 5 miles inland. Some specific snowfall totals include: 2 inches in North Hero and Grand Isle, 3 inches in Swanton and Ferrisburgh, while 6 inches fell in St. Albans and Burlington, 9 inches in New Haven, Milton and Highgate with 13 inches in Williston and 14 inches at NWS Burlington in South Burlington and Sheldon Springs.

VTZ004-007 Essex - Caledonia

04	1000EST	0	0	10K		Winter Storm
	2000EST					

A blocking pattern in the upper level wind flow across Greenland maintained a trough of low pressure across eastern North America on the 3rd and 4th. On the night of the 3rd, moisture and warmer air aloft backed southwest into an arctic airmass across northern Vermont causing snow to develop. Northwest winds at the low levels caused upslope conditions to develop during the morning of the 4th across the higher elevations with much lighter amounts in the downsloping valleys. Snowfall accumulations ranged from a few inches in the Connecticut River valley to over a foot in the mountains. Some specific snowfall totals include: 3 inches in St. Johnsbury, 7 inches in Canaan, 11 inches in Island Pond with 12 inches in East Burke and 15 inches in Sutton.

VTZ002>004-006>008-016>017 Western Franklin - Orleans - Essex - Lamoille - Caledonia - Washington - Eastern Franklin - Eastern Chittenden

14	1600EST	0	0	35K		Winter Weather
	1200EST					

A strong blocking pattern in the upper levels across Greenland maintained a strong upper level low across Newfoundland with several disturbances rotating into Quebec and northern New England. This feature combined with a persistent northwest upslope flow caused widespread snow showers to develop Tuesday afternoon (14th) and continue through midday Thursday (16th). The most persistent and heaviest snow showers occurred across the western slopes of the northern Green Mountains occurred from the

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time 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

afternoon of the 15th to midday on the 16th. Snowfall accumulations were generally 2 inches or less in the valleys with localized amounts exceeding 6 inches in favored upslope regions. Snowfall accumulations include: 3 inches in East Montpelier, East Haven, Hanksville, East Burke and Morrisville, 4 inches in Eden and Enosburg Falls, 5 inches in North Underhill, Highgate, Waitsfield and Jeffersonville, while 8 inches fell in Jericho and Montgomery Center and 10 inches at Jay Peak.

VTZ009>010-018

Western Addison - Orange - Eastern Addison

14	2200EST								
15	0600EST			0	0	10K			Winter Weather

A strong blocking pattern in the upper levels across Greenland maintained a strong upper level low across Newfoundland with several disturbances rotating into Quebec and northern New England. This feature caused an unusually late season Lake effect snow band off Lake Ontario to travel across New York into portions of south central Vermont during the night of the 14th and early morning of the 15th. Snowfall accumulations along a west to east band were 2 to 4 inches. Some specific snowfall amounts include: 2 inches in Bridport and New Haven, 3 inches in Brookfield with 4 inches in Randolph and Post Mills.

VERMONT, South

NONE REPORTED.

VIRGIN ISLANDS

**St. Thomas/St. John
& Islands County
St. Thomas**

21	1150AST								
	1205AST			0	0				Funnel Cloud

A pilot reported numerous funnel clouds about 5 to 10 miles east of St. Thomas.

VIRGINIA, East

VAZ084

Gloucester

14	1200EST								
16	1200EST			0	0	50K			Wildfire

Dry conditions and strong winds started fires which occurred for a couple of days in the Jenkins Neck area of Gloucester county. The fires charred over 200 acres with two abandoned garage-type buildings destroyed and four sheds damaged.

**VAZ062>063-
068>072-080>083**

Goochland - Hanover - Amelia - Powhatan - Chesterfield - Henrico - King William - Dinwiddie - Prince George - Charles City - New Kent

21	2300EST								
22	0200EST			0	0				Winter Weather

A weak upper level disturbance produced a quick one half inch to one and a half inches of snow across portions of central Virginia. The snow caused a few slippery roadways.

VIRGINIA, Extreme Southwest

NONE REPORTED.

VIRGINIA, North

NONE REPORTED.

VIRGINIA, Northwest

NONE REPORTED.

VIRGINIA, Southwest

VAZ016

Carroll

02	2200EST								
				0	0				High Wind (G53)

A potent cold front moved through Virginia during the afternoon of the 2nd. High winds behind the cold front downed trees across Carroll county and the City of Galax.

WASHINGTON, Northeast

WAZ037

Northeast Mountains

08	1200PST								
09	0100PST			0	0				Heavy Snow

A moist pacific weather system brought heavy snow to the northeast Washington mountains. Clayton measured 6.5 inches of snow from this event.

WAZ033

Washington Palouse

08	1900PST								
	2330PST			0	0	0.10K			Strong Wind

A peak wind gust of 53 MPH was measured by ASOS at the Pullman Airport. The strong winds blew down several tree branches. A combination of the strong winds and slick roadways contributed to three traffic accidents in Whitman County.

Storm Data and Unusual Weather Phenomena

March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>WASHINGTON, Northeast</u>									
WAZ037		Northeast Mountains							
	09	1800PST			0	0			Heavy Snow
	10	0000PST							
	An unstable atmosphere contributed to locally heavy snow showers across the northeast Washington mountains. Mount Spokane measured 21 inches of snow.								
WAZ042		East Slopes Northern Cascades							
	19	1330PST			1	1			Avalanche
	An avalanche occurred about 20 miles west of Conconully in the Brown's Meadow area below Tiffany Mountain. The avalanche was human caused and buried a person under about 30 inches of snow for four hours. M170U								
<u>WASHINGTON, Northwest</u>									
WAZ507		Everett And Vicinity							
	08	1330PST			0	0	50K		Strong Wind
		2000PST							
WAZ510-517		Admiralty Inlet Area - Central Coast							
	08	1330PST			0	0	500K		High Wind (G59)
		2000PST							
	High winds knocked out power to about 25,000 homes in Grays Harbor county. About 11,000 customers from Everett to Whidbey island also lost power. Several trees fell, most onto roads or power lines, one tree fell on a home in Montesano.								
King County									
Redmond	10	1652PST			0	0			Hail (1.00)
		1655PST							
	A thunderstorm briefly dumped 1 inch hail in Redmond.								
WAZ504		Southwest Interior							
	23	1600PST			0	0	50K		Strong Wind
		1700PST							
	Strong winds knocked out power to about 3500 people in Lewis county. A tree fell on a car, damaging it.								
<u>WASHINGTON, Southeast</u>									
WAZ501>502		East Slopes Of The Central Cascades - East Slopes Of The Southern Cascades							
	08	1700PST			0	0			Heavy Snow
	09	0300PST							
	Spotters measured 10 inches 9NW of Roslyn, 9 inches 8N Ronald, 6-8 inches at Trout Lake, and 7.5 inches near Appleton.								
WAZ502		East Slopes Of The Southern Cascades							
	10	2200PST			0	0			Heavy Snow
	11	0630PST							
	Spotters measured 6 inches of snow 19NW Appleton and 7 inches 5 NW Appleton.								
<u>WASHINGTON, Southwest</u>									
WAZ019-021		West Slopes Southern Cascades And Passes - South Coast							
	07	2100PST			0	0	175K		High Wind (G65)
	08	1800PST							
WAZ020		Southwest Interior							
	07	2100PST			0	0	50K		Strong Wind
	08	1800PST							
	A strong Pacific weather system brought a powerful cold front to southwest Washington. Strong winds developed ahead of this cold front, and persisted through the event. Here are just some of the wind reports from this storm:								
	Clatsop Spit: 39 kts with gusts to 51 kts								
	Mt. Hebo: 39 kts with gusts to 45 kts								
	White Pass: gusts to 65 kts								
WAZ019>021-040		West Slopes Southern Cascades And Passes - Southwest Interior - South Coast - Southern Cascade Foothills							
	08	1200PST			0	0			Winter Storm
	10	0800PST							
	A strong Pacific storm and associated cold front brought relatively late winter conditions to southwest Washington. Snow totals from this event ranged from a tenth of an inch to a few inches in lowlands to between 2 and 4 feet of new snow in the Willapa Hills, Cascades, and Cascade Foothills. Coincidentally, this snow event was one of the latest of the year seen in the Vancouver area, and forced many school closures around the area.								
<u>WEST VIRGINIA, East</u>									
WVZ049		Mineral							
	02	1740EST			0	0	35K		Strong Wind
		1750EST							

Storm Data and Unusual Weather Phenomena

March 2006

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

A strong cold front crossed the region and caused strong winds to occur. There were reports of a few trees downed and minor property damage due to the strong winds. Trees and powerlines were downed along route 956 in Mineral County, and also at a campground on Patterson Creek Road.

WEST VIRGINIA, North

NONE REPORTED.

WEST VIRGINIA, Southeast

NONE REPORTED.

WEST VIRGINIA, West

Raleigh County

Crab Orchard

28 1540EST 0 0 15K Lightning

A 400 foot radio tower appears to have taken a direct hit. The tower serves 2 radio stations in the Beckley vicinity. The stations were knocked off the air for several hours. The engineer estimated about \$15,000 in damage, to transmitter and antenna components.

WISCONSIN, Northeast

Winnebago County

Oshkosh

11 2107CST 0 0 Hail (0.75)

Thunderstorms developed along and ahead of a frontal boundary that quickly moved across eastern Wisconsin during the evening. The strongest of the storms produced penny size hail at Oshkosh along with heavy rain that caused some minor street flooding.

WIZ005-010>012-018>019

Vilas - Oneida - Forest - Florence - Lincoln - Langlade

13 0600CST 0 0 Winter Storm
1600CST

Low pressure, that moved from the plains to upper Michigan, deepened as it passed through Wisconsin, and left a swath of heavy snow across the north central part of the state. Winds behind the system were strong, with frequent gusts of more than 30 mph, causing significant blowing and drifting snow. Thundersnow contributed to the high snowfall totals in Vilas county near the Michigan border, including 17.5 inches at Presque Isle, 14.1 inches at Land O Lakes, 14.0 inches at Manitowish Waters and 12.0 inches at Phelps. Some of the other high snowfall amounts included 9.5 inches at Boulder Junction (Vilas co.), 8.6 inches at Conover (Vilas co.), 8.5 inches at Eagle River (Vilas co.), 8.0 inches at Hiles (Forest co.), 6.8 inches at Minocqua (Oneida co.), 6.4 inches at Tomahawk (Lincoln co.), 6.3 inches at Florence (Florence co.) and 6.0 inches at Elcho (Langlade co.).

Manitowoc County

Manitowoc

13 0705CST 0 0 Flood
14 0730CST

Ice jams on the Manitowoc River, at the edge of the City of Manitowoc, resulted in widespread lowland and agricultural flooding.

WISCONSIN, Northwest

WIZ001>002

Douglas - Bayfield

01 2000CST 0 0 Heavy Snow
02 1100CST

Snow began in the evening and ended the following morning. A narrow band of 6 to 7 inches of snow occurred from Poplar in Douglas County to Grandview in Bayfield County. In most areas the snow was preceded by sleet and freezing rain.

WIZ001>004-006>009

Douglas - Bayfield - Ashland - Iron - Burnett - Washburn - Sawyer - Price

12 2130CST 0 0 Heavy Snow
14 0530CST

A strong storm produced snowfall amounts ranging from 10 to 32 inches over most of northwestern Wisconsin. A snowfall band of over 20 inches stretched from southern Washburn County at Saronia through Sawyer and Ashland counties to Hurley in Iron County. In addition to the synoptic snow, Lake Superior added an extra punch, resulting in a bullseye of 25 to 32 inches along the south shore in Ashland and Iron Counties, from Mellen to Hurley.

In addition to the heavy, wet snow, winds gusting to 30 mph created considerable blowing and drifting. Sheriff departments across the region closed roads and advised against travel until roads could be cleared. At times plows were pulled from duty due to low visibility. Schools were closed in many northwest Wisconsin communities on the 13th and 14th. Locals say it was the worst storm in 20 years.

WISCONSIN, Southeast

WIZ056-062>063-067>069

Sauk - Iowa - Dane - Lafayette - Green - Rock

06 0200CST 0 0 Dense Fog
0900CST

Dense fog developed overnight and lowered visibilities to 1/8 to 1/4 mile. Morning commuters had to slow down, and area

Storm Data and Unusual Weather Phenomena

March 2006

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

newspapers reported several vehicle accidents. The dense fog was the result of light winds and plenty of low-level moisture due to some snowmelt in the wake of 3 to 6 inches that fell the previous day.

WIZ062-067

Iowa - Lafayette
08 0600CST
0900CST

0 0

Dense Fog

Dense patches of fog caused a multi-vehicle pileup about 2 miles east of Ridgeway (Iowa Co.) at 745 AM CST. One woman was killed as she collided with a semitrailer pulling onto Highway 18-151 at about 0745CST when visibilities were probably only zero to perhaps 50 yards. A few minutes later, a charter bus plowed into the semitrailer. Twelve people on the bus sustained minor injuries. Eventually this multi-vehicle accident would include one bus, three semitrailers, and four automobiles. The dense fog also caused 10 additional crashes within 2 miles of the initial crash scene. Dense fog patches also occurred over Lafayette County. The one death and 12 injuries are considered indirectly-related to the dense fog, consequently these numbers do not appear in the header strip above.

**WIZ046>047-
051>052-056>060-
062>072**

**Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Dodge - Washington - Ozaukee -
Iowa - Dane - Jefferson - Waukesha - Milwaukee - Lafayette - Green - Rock - Walworth - Racine - Kenosha**

09 0200CST
1200CST

0 0

Dense Fog

Dense fog developed overnight across all of south-central and southeast Wisconsin. Visibilities were reduced to 1/8 to 1/4 mile. Newspapers reported several vehicle accidents, and commercial airplane flights were delayed or cancelled at the major airports. The dense fog was the result of light rain and snowmelt which occurred just prior to the dense fog development.

Walworth County
Lake Geneva

11 1302CST

0 0

Hail (0.75)

Two vehicle accidents occurred during hail storm due to hail accumulations creating slippery road surfaces.

Dane County
Madison

11 1943CST

0 0

Hail (0.75)

Dane County
1 E Middleton

11 1945CST

0 0

5K

Hail (1.00)

Several vehicles were dented by the hail.

Dane County
Middleton

11 1950CST

0 0

Hail (0.88)

Dane County
1 W Fitchburg

11 1959CST

0 0

Hail (0.75)

Fond Du Lac County
Alto

11 2040CST

0 0

Hail (0.75)

The first round of scattered storms, to affect south-central and southeast Wisconsin on March 11th, occurred during the early afternoon hours. Minor instability and high wind shear caused one storm to briefly attain severe levels (large hail) as it moved northeast at 43 kts (50 mph) or more through Walworth County. The second round of severe weather on March 11th was associated with a cold front that pushed through during the evening hours. Scattered thunderstorms redeveloped during the evening hours and pulsed to severe levels to produce several large hail reports, mainly across Rock, Dane, and Fond du Lac counties.

Rock County
Beloit

12 2210CST

0 0

Hail (0.88)

The northern fringes of a potent system that produced one of the most significant tornado outbreaks in U.S. history brought widespread rain and thunderstorms to south central and southeast Wisconsin during the evening hours. One storm briefly produced Nickel sized hail (.88 inches) in Beloit (Rock Co.).

Rock County
Beloit to
5 NE Clinton

13 0000CST
0200CST

0 0

20K

Flash Flood

Walworth County
Delavan to
Elkhorn

13 0100CST
0300CST

0 0

40K

Flash Flood

During the late evening of Sunday, March 12, flash floods occurred over a couple southern Wisconsin counties as a complex of thunderstorms producing torrential rainfalls moved across the area. Several thunderstorms trained over the same locations in parts of Rock County and Walworth County. Rainfall totals ranged from 1 to locally 4 inches across portions of Rock and Walworth counties. Some NWS Co-op stations near these storms reported 2.90 inches at a location 6 miles northwest of Elkhorn (Walworth Co.), 3.65 inches in Delavan (Walworth Co.), and 3.95 inches in Clinton (Rock Co.). Scattered gravel shoulder washouts were reported from the Beloit area northeast to the Elkhorn area. In this area, roadside ditches overflowed and several roads were covered with water to a depth of 1 to 2 feet in spots. Water damage occurred at the Division of Motor Vehicles building on the south side of Elkhorn after a nearby drainage ditch overflowed. Several cars were stranded in the flood waters.

Storm Data and Unusual Weather Phenomena

March 2006

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

WISCONSIN, Southeast

WIZ052-066-071>072 Sheboygan - Milwaukee - Racine - Kenosha
13 1000CST **0** **0**
1644CST **High Wind (G56)**

A deep low pressure over Upper Michigan brought gusty, high winds in excess of 50 kts (58 mph) to four Wisconsin counties bordering Lake Michigan during the late morning to afternoon hours of March 13th. Maximum west-southwest gusts include 56 kts (64 mph) at a Milwaukee TV-6 school site in Kenosha (Kenosha Co.), 52 kts (60 mph) in Milwaukee (Milwaukee Co.), and 51 kts (59 mph) in the cities of Racine (Racine Co.), and Sheboygan (Sheboygan Co.). The usual reports of scattered power outages due to broken tree branches were received.

WIZ051-058>060-062>065-067>070 Fond Du Lac - Dodge - Washington - Ozaukee - Iowa - Dane - Jefferson - Waukesha - Lafayette - Green - Rock - Walworth
13 1000CST **0** **0** **65K**
1800CST **Strong Wind**

Strong, gusty west-southwest winds ranging up to 39 to 49 kts (45 to 57 mph) affected parts of south-central and southeast Wisconsin during the daytime hours of March 13th. These strong winds were associated with a deep low pressure over Upper Michigan. The usual reports of scattered power outages due to broken tree branches were received.

WIZ056-062>065-067>072 Sauk - Iowa - Dane - Jefferson - Waukesha - Lafayette - Green - Rock - Walworth - Racine - Kenosha
29 0400CST **0** **0**
0900CST **Dense Fog**

Dense fog developed overnight over parts of south-central and southeast Wisconsin, reducing visibilities to 1/8 to 1/4 mile. Several school systems delayed the start of classes a couple hours. Newspapers reported a few vehicle accidents, and commercial airplane traffic was delayed or cancelled. The dense fog resulted from clear skies and calm or light winds.

WIZ051>052-058>060-063>072 Fond Du Lac - Sheboygan - Dodge - Washington - Ozaukee - Dane - Jefferson - Waukesha - Milwaukee - Lafayette - Green - Rock - Walworth - Racine - Kenosha
31 0200CST **0** **0** **40K**
1400CST **Strong Wind**

Strong, gusty west-southwest winds affected parts of south-central and southeast Wisconsin in the wake of a cold front. Maximum gusts peaked at 39 to 42 kts (45 to 48 mph). Scattered power outages were reported when broken tree branches hit power-lines.

WISCONSIN, Southwest

WIZ042>043-053>054 Monroe - Juneau - Vernon - Crawford
05 0600CST **0** **0**
2000CST **Heavy Snow**

Heavy snow affected a small part of southwest Wisconsin. Some of the heavier snowfall reports from volunteer weather observers included 7.7 inches near Coon Valley (Vernon County) and Wilton (Monroe County), 7.0 inches at Ontario, 6.9 inches at Readstown and 6.0 inches at Hillsboro (all in Vernon County). In addition, 6.5 inches of snow was reported in Mather (Juneau County).

WIZ032>034-043 Buffalo - Trempealeau - Jackson - Juneau
15 2100CST **0** **0**
16 1500CST **Winter Storm**

A narrow band of 6 to 8 inches of snow affected a small part of southwest Wisconsin. Specific reports from volunteer weather observers included 8.0 inches near Mondovi (Buffalo County), 7.4 inches near Necedah (Juneau County), as well as 6.0 inches at Taylor (Jackson County) and Four Corners (Monroe County).

WISCONSIN, West

WIZ014>016-023>025-027 Polk - Barron - Rusk - St. Croix - Pierce - Dunn - Chippewa
12 2000CST **0** **0**
13 1700CST **Winter Storm**

A strong low pressure area marched through much of Central Iowa and Southern Wisconsin from the afternoon hours on the 12th, to the early evening on the 13th. Snow began to fall around 20:00 CST on the 12th, and dumped as much as 23 inches of heavy, wet, snow across much of West Central Wisconsin. Winds between 15 and 20 mph, with gusts to around 35 mph, produced considerable blowing and drifting snow. Dozens of schools cancelled classes. Some reports include 23 inches at Haugen (Barron County), 20 inches at Prescott (Pierce County), 18 inches at Baldwin (St. Croix County), 17 inches at Clear Lake (Polk County), 15 inches at Ridgeland (Dunn County), 12 inches at Weyerhaeuser (Rusk County), and 10 inches at Bloomer (Chippewa County).

WIZ023>024 St. Croix - Pierce
15 2200CST **0** **0**
16 1300CST **Winter Storm**

A surface low pressure system over Northern California late on the 14th, intensified and moved into Central and Northern Iowa by the morning of the 16th, and then into Northern Illinois by the late afternoon on the 16th. Light snow began to fall at approximately 22:00 CST on the 15th. Much of Pierce and St. Croix counties incurred snowfall amounts in the four to seven inch variety, and some slight blowing and drifting snow with sustained winds generally between 10 and 15 mph, with gusts around 25 mph. Some

Storm Data and Unusual Weather Phenomena

March 2006

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

snowfalls of note include: Spring Valley (Pierce County): 6.5 inches; Hudson (St. Croix County) 6.0 inches; Ellsworth (Pierce County) 5.0 inches.

WYOMING, Central and West

WYZ017	Wind River Basin								
	09 1325MST				0	0	65K		Wildfire
	1700MST								

An open-pit fire being prepared for use in a sweat lodge ceremony on the Wind River Indian Reservation engulfed three buildings, charred several cars, and burned tons of hay. West wind of 25 to 35 mph with occasional gusts around 45 mph enabled the fire to spread quickly along Little Wind River Bottom Road. The fire traveled east for about two miles before being brought under control about 5:00 p.m. Firefighters estimated that at its peak the fire was spreading at 200 feet a minute.

WYOMING, Extreme Southwest

NONE REPORTED.

WYOMING, North Central

NONE REPORTED.

WYOMING, Northeast

NONE REPORTED.

WYOMING, Southeast

WYZ061>063	Southwest Carbon - North Carbon - Snowy Range								
	08 0400MST				0	0			Heavy Snow
	1600MST								

Heavy snow fell over much of Carbon County, Wy with the highest amounts over the mountainous terrain. 22 inches of snow was reported at the Snowy Range Ski resort west of Centennial, Wy with 10 to 15 inches common over the remainder of the mountains.

WYZ068>070	Goshen - Cheyenne Foothills - Pine Bluffs								
	18 2100MST				0	0			Heavy Snow
	20 1100MST								

A prolonged upslope pattern produced resulted in heavy snow across much of the southeast Wyoming plains. By the time the snow ended on the 20th, Cheyenne Wy. received around 12 inches of snow with around 13 inches reported from Torrington and Yoder, Wy. 9 inches of snow was reported in Pine Bluffs, Wy.

WYZ063	Snowy Range								
	26 0900MST				0	0			Blizzard
	1700MST								

Strong winds combined with snow to produce blizzard conditions over and close to the Snowy range mountains. The conditions contributed to a major crash on Interstate 80 east of Elk Mountain involving semi-trailers and automobiles which closed a 150 mile stretch of Interstate 80 from near Rawlins to Cheyenne, WY.

Storm Data and Unusual Weather Phenomena

April 2005

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

GEORGIA, North and Central

Forsyth County

Cumming	22	1210EST 1220EST			0	0			Hail (1.00)
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The public reported penny to quarter-sized hail.

Monroe County

Forsyth	22	1400EST			0	0	1K		Thunderstorm Wind (G50)
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The Monroe County Emergency Management Director reported that two trees and two power lines were down near Forsyth.

Floyd County

Rome to Shannon	22	1945EST 1957EST			0	0	50K		Hail (1.75)
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Several reports of large hail were received from the public and an amateur radio operator. Hail ranging in size from pennies to golf balls fell in the Rome area, with quarter to half-dollar-sized hail in the Shannon area.

Stewart County

Lumpkin	30	0900EST			0	0			Hail (0.75)
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The Stewart county Sheriff's office reported penny-sized hail.

Storm Data and Unusual Weather Phenomena

May 2005

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

GEORGIA, North and Central

Bibb County

5 NW Macon to 3 NE Macon	20	1245EST 1310EST			0	0	5K		Thunderstorm Wind (G50)
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An amateur radio operator reported that several trees and one power line were blown down five miles northwest of Macon. In the northeast part of the county, a car was blown off U.S. Highway 129 northeast of Macon.

Muscogee County

Columbus	20	1520EST			0	0	0.25K		Thunderstorm Wind (G50)
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The public reported that one tree and several large limbs had been blown down.

Storm Data and Unusual Weather Phenomena

July 2005

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

GEORGIA, North and Central

Fulton County

**5 NW Atlanta to
5 SE Atlanta**

**03 1240EST
1325EST 0 0 5K Lightning**

WXIA TV, Channel 11 of Atlanta, reported that lightning strikes to two trees caused them to fall on power lines. One incident was reported on North Avenue and another in the Grove Park neighborhood. Residents of the area indicated that the tree literally exploded when it was struck by lightning. Nearly 18,000 residents of the Atlanta area were without power during the afternoon as a result of the lightning and wind damage in the area.

Fulton County

**4 NW Atlanta to
3 SE Atlanta**

**03 1250EST
1315EST 0 0 250K Thunderstorm Wind (G50)**

WXIA TV, Channel 11 of Atlanta, reported that thunderstorm winds caused considerable damage across the Atlanta metropolitan area during the early afternoon. At least a dozen large trees were blown down in the city, including North Avenue, Ponce De Leon, and Killian Boulevard. One large oak tree fell on and caused damage to two homes, one under construction on North Avenue. Another tree fell on a sidewalk near City Hall East on Ponce De Leon, a tree fell in a yard on Killian Boulevard, and a large tree fell on a building at the Hampton Oak Apartments, rendering some of the units uninhabitable. Some of the residents of these units had to be relocated because of the damage. Several power lines were also brought down by the fallen trees. Other trees were down throughout the city.

Carroll County

Villa Rica

**06 2000EST
2100EST 0 0 5K Heavy Rain**

The Douglas Neighbor reported that torrential rainfall from thunderstorms associated with the remnants of Tropical Storm Cindy resulted in a sinkhole on Tyson Road in Villa Rica. A truck drove into the sinkhole and was trapped there for several hours before it was removed.

Fayette County

**Woolsey to
Fayetteville**

**06 2010EST
2025EST 0 0 25K Thunderstorm Wind (G50)**

The Fayette County Emergency Management Director, the public, and amateur radio operators reported that several trees were down in areas outside the confirmed tornado touchdown area. Trees were down near the Harp Nursery between Hilo Road and Woolsey and other trees were down on Georgia Highway 54, some on homes. In the Woolsey area, a chicken coop was destroyed and lawn furniture was tossed about.

Storm Data and Unusual Weather Phenomena

October 2005

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

OKLAHOMA, Panhandle

Texas County 2 W Guymon	30	2153CST			0	0			Thunderstorm Wind (G51)
Texas County 1 W Hooker	30	2200CST			0	0			Thunderstorm Wind (G53)
Texas County 1 W Hooker	30	2205CST			0	0			Thunderstorm Wind (G56)
Texas County 1 W Hooker	30	2340CST			0	0			Thunderstorm Wind (G51)
Beaver County 1 SSW Beaver	31	0010CST			0	0			Thunderstorm Wind (G53)
Beaver County 1 SSW Beaver	31	0015CST			0	0			Thunderstorm Wind (G62)
Beaver County 1 SSW Beaver	31	0025CST			0	0			Thunderstorm Wind (G56)

A severe thunderstorm producing high winds moved across the central and eastern Oklahoma panhandle during the late evening hours. The high winds were measured by the Guymon ASOS station and the Oklahoma MesoNet stations of Hooker and Beaver. No damage or injuries were reported.

TEXAS, North Panhandle

Ochiltree County 3 NE Perryton	31	0026CST			0	0			Thunderstorm Wind (G51)
Lipscomb County Booker	31	0100CST			0	0			Thunderstorm Wind (G52)

The high winds were measured at the Perryton ASOS station.

The high winds downed tree limbs which were about seven to eight inches in diameter near the courthouse. No injuries were reported.

A severe thunderstorm moved across the northeast Texas panhandle during the early morning hours producing high winds. Except for some downed tree limbs...no other damage and no injuries were reported.

Storm Data and Unusual Weather Phenomena

December 2005

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

CALIFORNIA, South Central

CAZ090>091		E Central S.J. Valley - Sw S.J. Valley			0	0	25K		Strong Wind
	31	1100PST 1250PST							

A strong gust of wind focused along a squall line swept through the Central San Joaquin Valley on December 31st. A dairy located about 9.8 miles south of Kerman in Fresno County sustained damage to the roofs of several dairy open-sided structures. Roof debris was strewn about 1/4 mile downwind. In Northern Kings County about 3.5 miles NNW of Hanford similar damage was sustained to some open-sided structures along with some fences and trees downed.

Storm Data and Unusual Weather Phenomena

January 2006

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

GEORGIA, North and Central

Cherokee County

Woodstock	13	1410EST			0	0	50K		Lightning
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The Cherokee Ledger reported that lightning struck two homes. One home suffered significant damage when the resulting fire damaged the bedrooms. The other home only suffered minor damage.

MAINE, South

MEZ009-013>014-018>028

Central Somerset - Southern Franklin - Southern Somerset - Interior York - Interior Cumberland - Androscoggin - Kennebec - Interior Waldo - Coastal York - Coastal Cumberland - Sagadahoc - Lincoln - Knox - Coastal Waldo

18	1400EST 1700EST			0	0	70K		High Wind (G50)
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High winds knocked over trees which caused damage and power outages across the area. About 60,000 customers served by Central Maine Power Company lost electrical service during the event. Trees were reported down in central and southern Somerset County; a plane blew over in Kennebec County; trees fell onto a houses in Cape Neddick in York County and Scarborough in Cumberland County, and a 30x60 ft shed was moved about 60 ft in Lincoln County.

NEW HAMPSHIRE, North and Central

NHZ003-005-010-013>014

Northern Grafton - Southern Grafton - Strafford - Interior Rockingham - Coastal Rockingham

18	1300EST 1700EST			0	0	35K		High Wind (G50)
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High winds knocked over trees which caused power outages and other damages to the area. Trees were reported down in Grafton County by local officials. In Stafford County, a tree fell on a home in Dover causing an estimated \$5000 in damage, and in Rockingham County, a tree fell into a garage in Londonderry causing an estimated \$30,000 in damage.

PENNSYLVANIA, Central

PAZ006-042

Potter - Sullivan

03	0200EST 0600EST			0	0			Winter Storm
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A low pressure system moved into the Ohio Valley by Monday evening on January 2nd, before redeveloping along the mid Atlantic Coast and moving northeast early Tuesday, January 3rd. With a shallow layer of cold air holding in place, precipitation in the form of mainly freezing rain and sleet affected the region from Monday afternoon into early Tuesday morning. Ice accretion from freezing rain of between one-quarter and one-third of an inch occurred, mainly across the higher elevations above 1800 feet, before the precipitation tapered off Tuesday morning.

PAZ024-033

Cambria - Somerset

23	0400EST 1000EST			0	0			Winter Storm
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Low pressure developed along the Gulf Coast on Sunday, January 22nd, and traveled northeast to the mid Atlantic Coast by Monday, January 23rd. This spread a swath of sleet and freezing rain across the Laurel Highlands from late Sunday into Monday morning. Ice accretion from freezing rain of between one-quarter to one-half inch affected the region, with the most significant ice accumulations across the higher ridgetops. The precipitation changed to plain rain by the mid morning hours of Monday.

PAZ057

Dauphin

24	2000EST 2020EST			0	0	10K		Strong Wind
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Showers of rain and snow developed well ahead of a cold front approaching from the west during the evening hours on Tuesday January 24th. A few of these showers developed into thunderstorms, and produced locally strong wind gusts of up to 54 mph. These strong wind gusts ripped a roof off of a barn east of Halifax, and propelled it 100 feet into a chicken coop. In addition, a wind gust of 54 mph was recorded at Harrisburg International Airport as this squall moved through.

Storm Data and Unusual Weather Phenomena

January 2006

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

PUERTO RICO

PRZ005

North Central

12 1445AST 1 0 High Surf

A 17 year old surfer drowned as he was swept by rip currents at Barrio Islote in Arecibo. M171W

TEXAS, South Panhandle

TXZ021>024-026-028>036-039-041

Parmer - Castro - Swisher - Briscoe - Childress - Lamb - Hale - Floyd - Motley - Cottle - Cochran - Hockley - Lubbock - Crosby - Yoakum - Lynn

**01 1040CST 0 1 35K 0 High Wind (G58)
1540CST**

High winds affected much of the South Plains of west Texas on New Year's Day. The Texas Tech West Texas Mesonet recorded numerous severe wind gusts up to 67 MPH. The strong westerly winds caused blowing dust and resulted in dangerous driving conditions for holiday travelers. A tractor-trailer was blown over on Interstate 27 five miles south of Hale Center (Hale County). The driver sustained minor injuries. A summary of recorded severe gusts in order of magnitude follows:

- 2 NE Friona (Parmer).....67MPH
- 7 E Silverton (Briscoe).....67MPH
- 3 N Hart (Castro).....67MPH
- 2 NE Dimmitt (Castro).....67MPH
- 2 NE Tulia (Swisher).....65MPH
- 2 S Muleshoe(Bailey).....65MPH
- Lubbock Int. Airport (Lubbock).....64MPH
- 6 S Anton (Hockley).....64MPH
- 1 NE Amherst (Lamb).....64MPH
- 4 S Levelland (Hockley).....64MPH
- 6 S Olton (Lamb).....62MPH
- 2 NE Floydada (Floyd).....62MPH
- 7 W Denver City (Yoakum).....62MPH
- Reese Center (Lubbock).....61MPH
- 1 S Plainview (Hale).....61MPH
- 3 NE Tahoka (Lynn).....61MPH
- 10 SW Paducah (Cottle).....60MPH
- 3 N Roaring Springs (Motley).....60MPH
- 1 NE Morton (Cochran).....60MPH
- 3 W Lubbock (Lubbock).....60MPH
- Childress (Childress).....59MPH
- 5 NE Abernathy (Hale).....59MPH
- 6 SW Wolfforth (Hockley).....59MPH
- 8 SW Sundown (Yoakum).....58MPH
- 6 NW White River Lake (Crosby)...58MPH

TXZ023-034>035-039

Swisher - Hockley - Lubbock - Yoakum

**01 1055CST 0 3 325K 0 Wildfire
1630CST**

A wildfire near the rural community of Claytonville (Swisher County) destroyed two homes. No injuries were reported.

A second wildfire ignited near the intersection of Regis and Interstate 27, one mile southwest of Lubbock International Airport. The fire destroyed horse stables, and one fire fighter was hospitalized for smoke inhalation related injuries.

Another large wildfire near Levelland burned two mobile homes and injured fire fighters. Two firemen were hospitalized due to minor burn injuries and smoke inhalation.

A wildfire that initiated near Tatum, New Mexico, burned several thousand acres of rangeland and threatened structures as it spread across the Texas/New Mexico state-line into Yoakum County near Bronco. The fire was contained before doing significant damage in Yoakum County, but one rural residence was evacuated.

January 1 Wind and Wildfire Event Summary - A potent upper level trough affected much of the Southern Plains on New Year's Day. The trough resulted in widespread high winds over the region, where intense short-term drought conditions existed. The wind

Storm Data and Unusual Weather Phenomena

February 2006

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

GEORGIA, North and Central

GAZ002>009-015>016	Walker - Catoosa - Whitfield - Murray - Fannin - Gilmer - Union - Towns - Lumpkin - White	11	0100EST		0	0			Winter Weather
			0600EST						

An early morning snow event brought one to two inches of snow, mainly to the northeast Georgia mountain counties. Light amounts of snow were reported further west toward Walker county. The heaviest snow fell across Fannin, Union, and Towns counties from Blue Ridge to Hiawassee, where one to two inches of snow was common. Richard B. Russell scenic highway, Georgia Highway 348, was closed from Helen to Choestoe. Georgia Highway 180 from Georgia Highway 75 to Brasstown Bald was also closed. The following is a summary of the maximum snowfall amounts reported by law enforcement, the Department of Highways, and the public:

Dade - 2.00 inches
 Fannin - 2.00 inches
 Gilmer - 0.50 inch
 Lumpkin - < 0.50 inch
 Towns - 2.00 inches
 Union - 1.00 inch
 Walker - 0.50 inch
 White - 1.00 inch

GAZ001>009-013>016-021>022	Dade - Walker - Catoosa - Whitfield - Murray - Fannin - Gilmer - Union - Towns - Pickens - Dawson - Lumpkin - White - Cherokee - Forsyth	12	0000EST		0	0			Winter Weather
		13	0600EST						

Yet another round of light snow and snow showers tracked across north Georgia. While the snowfall overall was lighter than what occurred the previous day, the snow did extend further south with this event, including some of the northern counties of the Atlanta metropolitan area as temperatures were generally at or just below freezing across most of the area. Light amounts of snow also continued again the next day with trace amounts of snow reported across Cobb, Fulton, and DeKalb counties during that event. The Daily Citizen of Dalton reported that a family was stranded on Grassy Mountain in Murray county when several inches of snow fell in that area. However, overall snowfall reports from Murray county were less than one inch. Maximum snowfall amounts reported from several north Georgia counties included:

Catoosa - Trace to 0.50 inch
 Cherokee - Trace to 0.50 inch
 Dade - <= 2.00 inches
 Fannin - Trace to 0.50 inch
 Forsyth - Trace to 0.50 inch
 Lumpkin - Trace
 Murray - Trace to 0.50 inch (an isolated report of 8 inches)
 Towns - Trace to 0.50 inch
 Union - <= 1.00 inch
 Walker - 2.00 to 3.00 inches
 White - Trace to 0.50 inch
 Whitfield - Trace to 0.50 inch

GAZ001>005-007-011>012-014	Dade - Walker - Catoosa - Whitfield - Murray - Gilmer - Chattooga - Gordon - Dawson	18	1200EST		0	0			Winter Weather
		19	0000EST						

Light freezing rain spread across the far north Georgia counties during the afternoon and evening with temperatures hovering near 32 degrees. Ground surfaces were warm enough from previous warm days to prevent ice accumulation on most roads. Ice accumulations, mainly less than 1/10 inch, were confined to trees, power lines, and other exposed objects. A few bridges and over passes became icy in the far north. Below, are the most significant reports of icing received during this event:

Dade - Thin coating of ice on trees at the higher elevations (e.g., Lookout Mountain).

Dawson - Thin coating of ice on bridges, including Georgia Highway 52 near the Gilmer county line.

Catoosa - Thin coating of ice on bridges, including Interstate-75.

Storm Data and Unusual Weather Phenomena

February 2006

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

GEORGIA, North and Central

Chattooga - Thin coating of ice on trees.

Fannin - Thin coating of ice on a few roads and bridges in the far northern part of the county from Blue Ridge to McCaysville.

Lumpkin - Thin coating of ice on trees and power lines.

GULF OF MEXICO

Cameron La To High Is Tx Out 20Nm

7 SE Cameron	01	1930CST			0	0			Marine Tstm Wind
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Offshore oil rig recorded 48 mph wind gust.

Cameron La To High Is Tx 20 To 60Nm

19 SW Cameron	01	2000CST			0	0			Marine Tstm Wind
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Offshore oil rig recorded 47 mph wind gust.

Intracoastal City La To Cameron La Out 20Nm

14 SSE Cameron	01	2100CST			0	0			Marine Tstm Wind
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Offshore oil rig recorded 40 mph wind gust.

Intracoastal City La To Cameron La Out 20Nm

33 SW White Lake	01	2300CST			0	0			Marine Tstm Wind
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Offshore oil rig recorded 58 mph wind gust.

Intracoastal City La To Cameron La 20 To 60Nm

68 SW White Lake	01	2300CST			0	0			Marine Tstm Wind
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Offshore oil rig recorded 58 mph wind gust.

Intracoastal City La To Cameron La Out 20Nm

28 SSW White Lake	02	0000CST			0	0			Marine Tstm Wind
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Offshore oil rig recorded 50 mph wind gust.

Atchafalaya R To Intracoastal City La 20 To 60Nm

57 SSE Intracoastal City	02	0000CST			0	0			Marine Tstm Wind
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Offshore oil rig recorded 65 mph wind gust.

Intracoastal City La To Cameron La 20 To 60Nm

58 S White Lake	02	0015CST			0	0			Marine Tstm Wind
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Offshore oil rig recorded 70 mph wind gust.

Storm Data and Unusual Weather Phenomena

February 2006

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

GULF OF MEXICO

Atchafalaya R To Intracoastal City La Out 20Nm

50 SE Intracoastal City	02	0130CST			0	0			Marine Tstm Wind
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Offshore oil rig recorded 65 mph wind gust.

Atchafalaya R To Intracoastal City La 20 To 60Nm

69 SSE Intracoastal City	02	0230CST			0	0			Marine Tstm Wind
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Offshore oil rig recorded 58 mph wind gust.

KANSAS, Southeast

KSZ067>068

Reno - Harvey

09		1415CST			0	0	30K	Wildfire
10		1900CST						

At approximately 2:15 pm, February 9th a large grass fire broke out along the Reno / Harvey County line just north of Burrton. The fire spread quickly, fed by drought conditions and sustained winds of 25 to 35 mph. The fire was believed to be extinguished that evening but around noon on February 10th the fire reignited as strong winds once again swept across the area. The fire was eventually extinguished late in the day on February 10th. In all, 70 firefighting units from 6 counties worked the fire which burned 8,800 acres causing approximately 30 thousand dollars of damage to ranch and farmland. Information for this narrative was supplied by the McPherson Sentinel and the Times-Sentinel of Cheney, KS.

LOUISIANA, Southwest

Cameron Parish

Grand Chenier	01	1830CST			0	0	2K	Thunderstorm Wind (G50)
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Sheriff reported a tree blown down on Hwy 82.

Calcasieu Parish

Vinton	01	2050CST			0	0	2K	Thunderstorm Wind (G50)
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Trees were blown down on power lines.

Cameron Parish

Grand Chenier	01	2140CST			0	0		Thunderstorm Wind (G50)
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Sheriff deputy estimated wind speeds of at least 60 mph.

St. Landry Parish

Opelousas	01	2330CST			0	0	2K	Thunderstorm Wind (G50)
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Power lines were blown down just west of Opelousas.

LAZ027>028

Vernon - Rapides

20		0600CST			0	0		Winter Weather
		1000CST						

Sheriff departments in central Louisiana reported minor icing on bridges and overpasses.

NEW YORK, Central

NYZ009

Northern Oneida

25		1400EST			0	0		Heavy Snow
		2000EST						

A vigorous clipper tracked from North Dakota Friday morning, the 24th, to Lake Huron by Saturday morning, the 25th, and then into southern New England by the evening of the 25th. This system spread snow across north central NY during the early morning hours of the 25th. The snow continued until the late afternoon of the 25th. After the clipper tracked into New England, bitter cold west winds set up across the Tug Hill Plateau of NY which tapped moisture from Lake Ontario. As a result of this lake moisture, snowfall totals ranged from 7 to 12 inches in northern Oneida County.

Storm Data and Unusual Weather Phenomena

February 2006

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

TEXAS, North Panhandle

TXZ011		Oldham							
	07	1450CST 2300CST			0	0			Winter Storm

A wildfire located six miles west of Adrian burned one thousand acres. There were no reports of damage to property and no reports of injuries.

TXZ005		Lipscomb							
	11	1257CST 2000CST			0	0			Wildfire

A wildfire eleven miles east of Lipscomb burned six hundred and fifty acres. No structures were damaged and there were no reports of injuries.

TXZ013		Carson							
	12	1100CST 1730CST			0	0	14K		Wildfire

Strong winds of thirty-five to forty miles an hour...low relative humidities...and dry fuels produced conditions favorable for dangerous wildfires. A wildfire began about seven miles south of Borger Texas near the railroad tracks in the Industrial Park. The wildfire consumed about five thousand acres and threatened the headquarters of the 6666 Ranch. The wildfire burned a lot of fencing on the ranch but no structures were damaged and no injuries were reported.

TXZ006		Hartley							
	13	1324CST 2000CST			0	0			Wildfire

A wildfire twelve miles southwest of Dalhart burned four thousand six hundred and twenty acres. There were no reports of property damage or injuries.

TXZ018		Armstrong							
	16	1500CST 2200CST			0	0			Wildfire

Very dry fuels...strong winds...and low relative humidities produced conditions favorable for wildfires. A wildfire erupted ten miles south of Claude Texas and burned into the breaks of the Palo Duro Canyon system. The wildfire consumed about four hundred acres and threatened one home and six outbuildings...however no structures were damaged and there was no reports of injuries.

TXZ012		Potter							
	26	1230CST 1900CST			0	0			Wildfire

A lack of moisture...dry fuels...and strong winds combined to cause dangerous fire conditions. A wildfire erupted near Valle de Oro northwest of Amarillo near U.S. 287 and Ferns Road and Reclamation Road. The wildfire consumed one thousand acres where one home was evacuated in Valle de Oro. No damage or injuries were reported.

UTAH, West and Central

UTZ003-005-015		Salt Lake And Toole Valleys - Great Salt Lake Desert And Mountains/Wendover/Snowville - West Central Utah/Delta							
	28	0300MST 0900MST			0	0			High Wind (G61)

From Tooele spotter

UTZ007>008		Wasatch Mountains I80 North - Wasatch Mountains South Of I80							
	28	0330MST 1600MST			0	0			Winter Storm

Tony Grove 8" in 12h. 80mph wind gusts at Snowbasin

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.



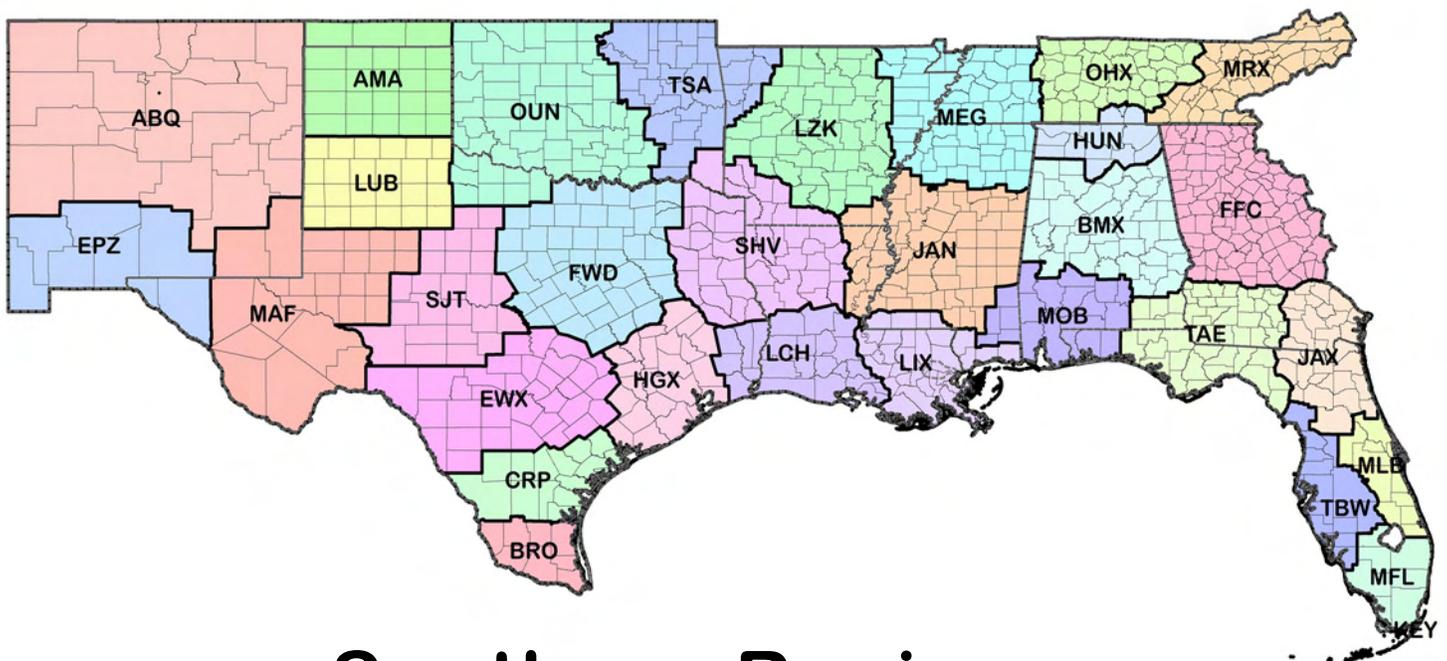
Typical F5 Tornado Damage

The asphalt surface has been peeled off of this road.

(All photographs courtesy of Brian Smith, Meteorologist, National Weather Service, Valley NE.)

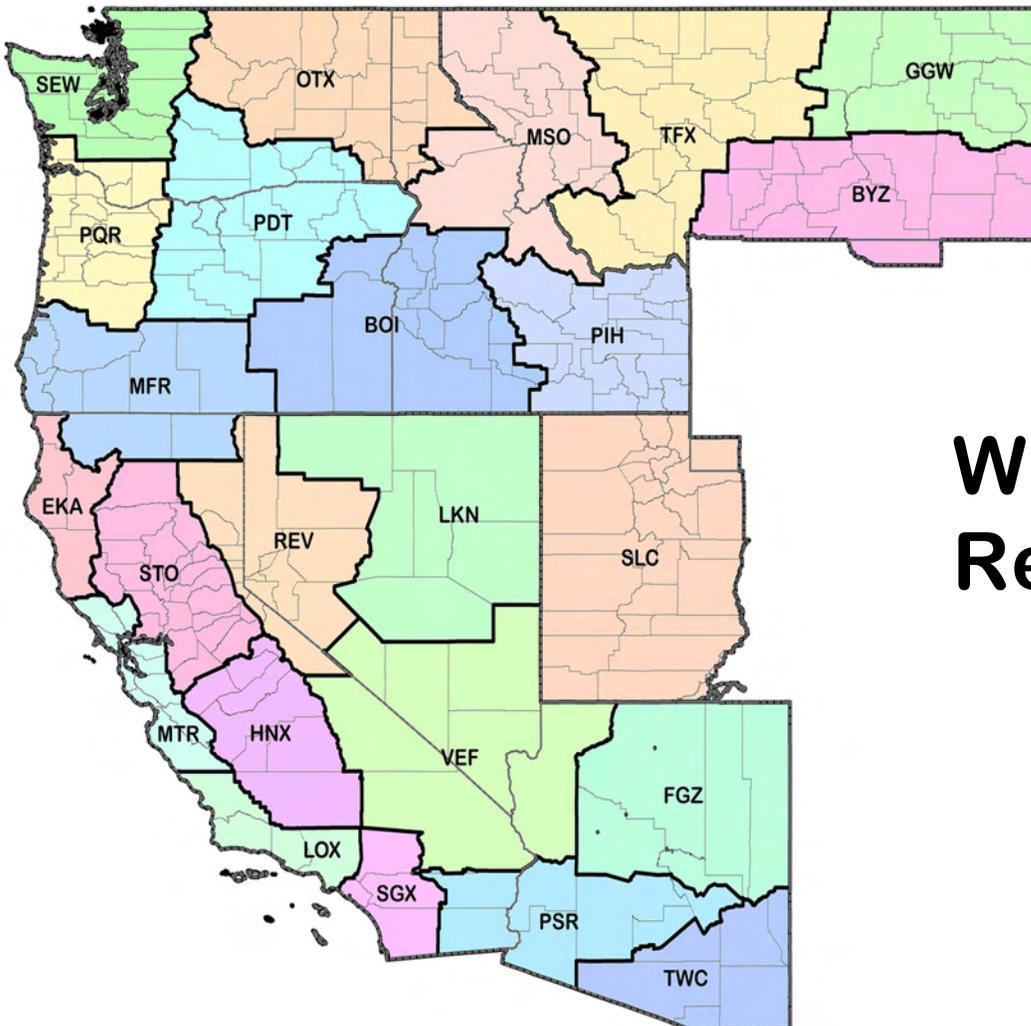
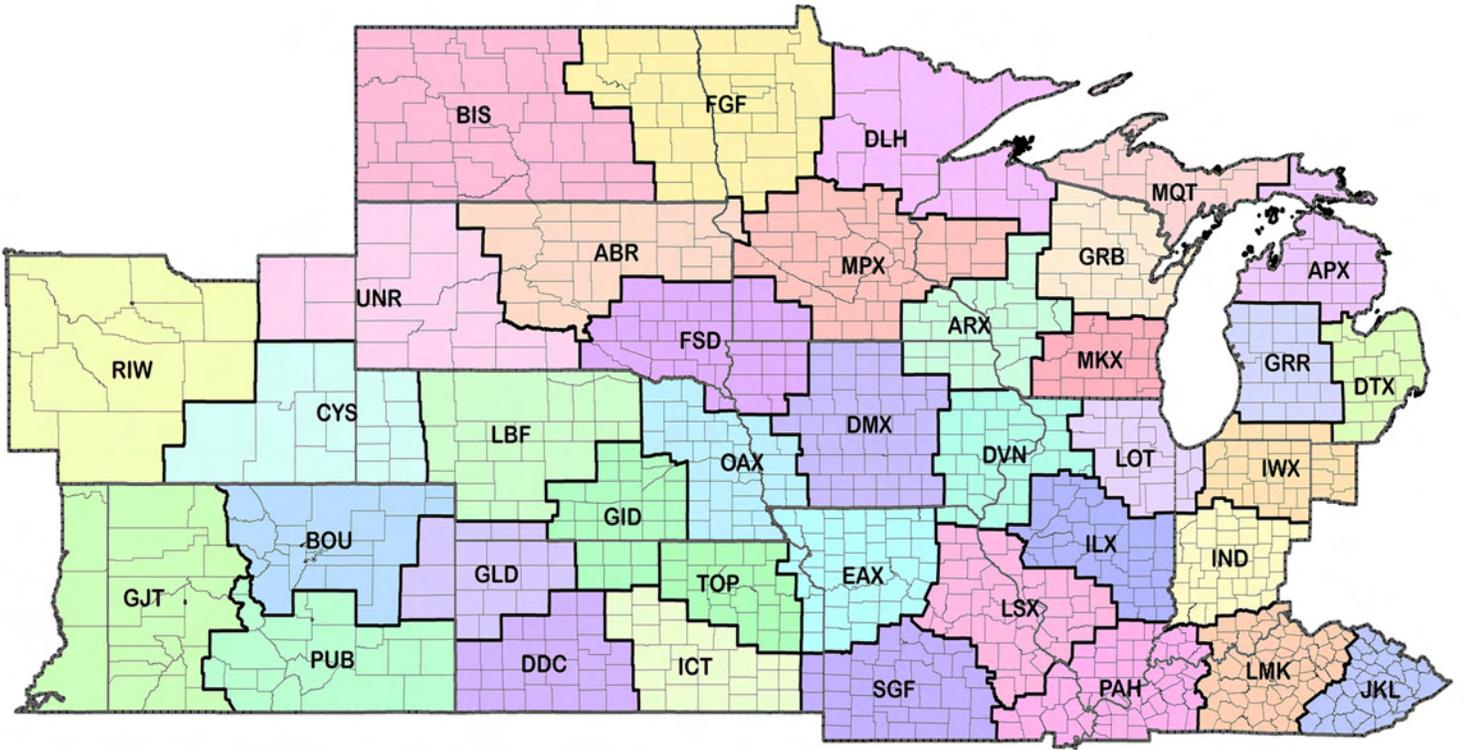


**Eastern
Region**



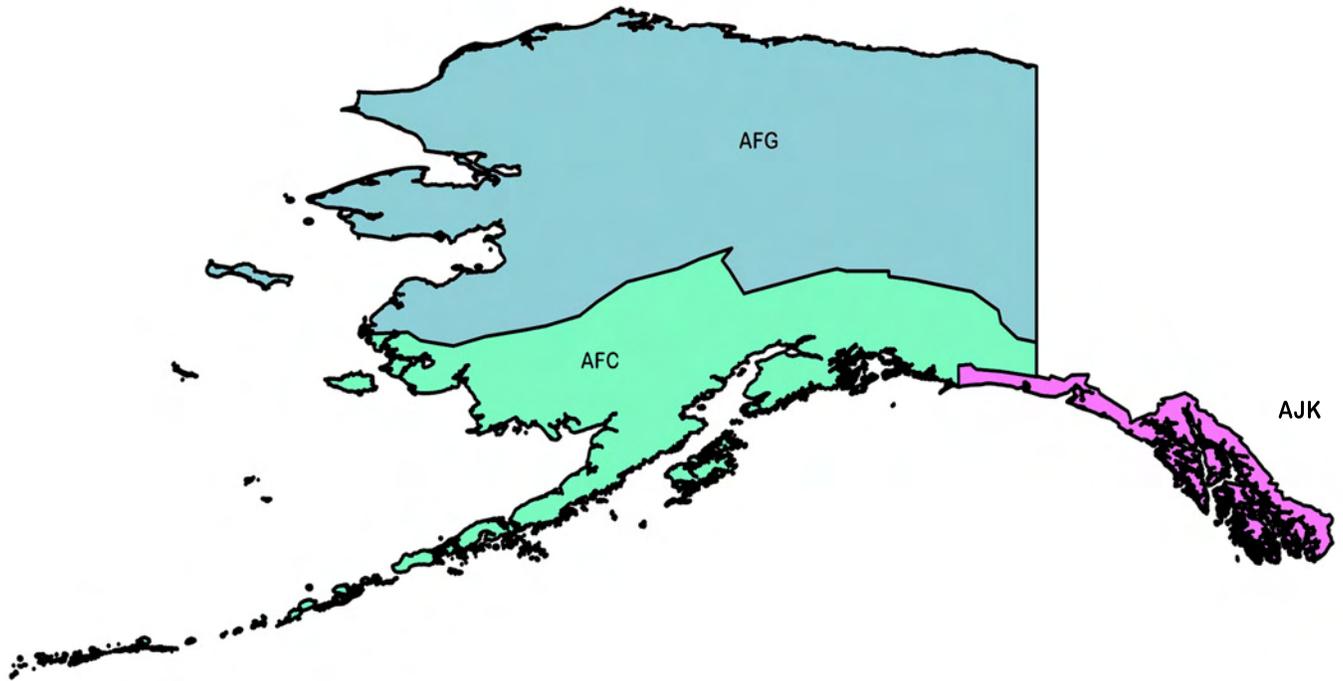
Southern Region

Central Region



Western Region

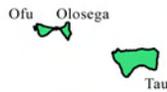
Alaska Region



Pacific Region



American Samoa



Hawaiian Islands

Hawaii

Agrigan

Wake Island

Northern Marianas

- Saipan
- Tinian
- Rota
- Agana, Guam

Enewetak

Yap Island

Marshall Islands

Koror, Palau

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