

FEBRUARY 2006
VOLUME 48
NUMBER 2

STORM DATA



**AND UNUSUAL WEATHER PHENOMENA
WITH LATE REPORTS AND CORRECTIONS**



noaa

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

Cover: A complex storm system brought wintery weather across northern Virginia between February 14 and 18th. Nicknamed the “President’s Weekend Snowstorm of 2003”, this storm is listed as the 5th heaviest snowstorm in Washington D.C. since 1870. A total of 16.7 inches of snow and sleet was recorded at Reagan National Airport. Pictured is a wintery scene from Leesburg, VA where snow amounts ranged from 20 to 36 inches. (Photo courtesy: Jim DeCarufel, NWS Forecast Office Baltimore/Washington.)

TABLE OF CONTENTS

	Page
Outstanding Storm of the Month	4
Storm Data and Unusual Weather Phenomena	5
Additions/Corrections.....	117
Reference Notes	126

STORM DATA

(ISSN 0039-1972)

National Climatic Data Center

Editor: William Angel

Assistant Editors: Stuart Hinson and Rhonda Herndon

STORM DATA is prepared, and distributed by the National Climatic Data Center (NCDC), National Environmental Satellite, Data and Information Service (NESDIS), National Oceanic and Atmospheric Administration (NOAA).

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

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

Except for limited editing to correct grammatical errors, the data in Storm Data are published as received.

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

Subscription, pricing, and ordering information is available from:

NCDC Subscription Services
310 State Route 956
Building 300
Rocket Center, WV 26726
(866) 742-3322 Toll Free

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:

Storm Data
National Climatic Data Center
151 Patton Avenue
Asheville, NC 28801
e-mail: storm.data@noaa.gov

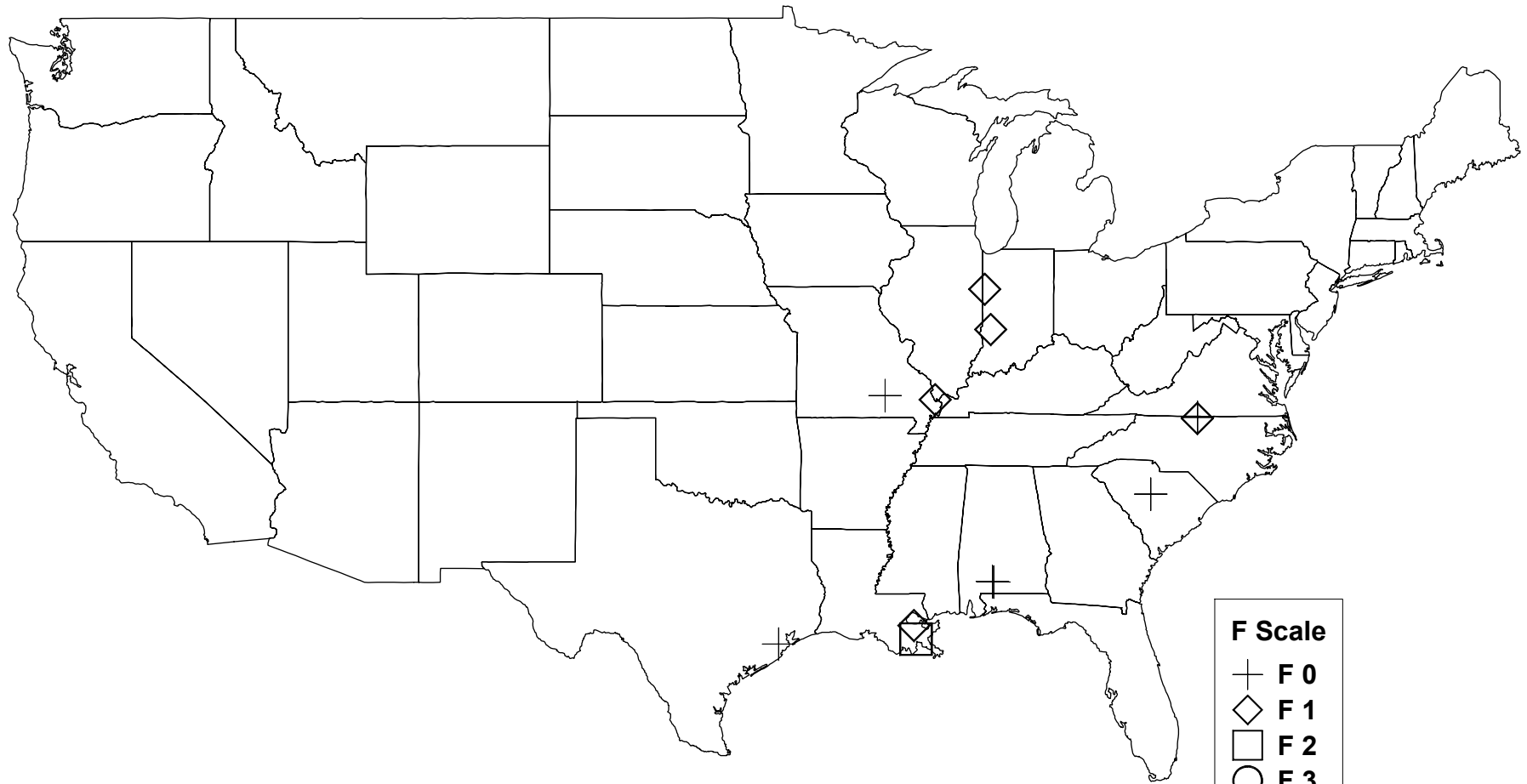
Any such items received by the editor will be for use in **STORM DATA** only. Any other use will be with the permission of the owner of said items. Materials will be returned if requested.

This is an official publication of the National Oceanic and Atmospheric Administration and is compiled from information received at the National Climatic Data Center Asheville, North Carolina 28801-2733.



Thomas R. Karl
Director,
National Climatic Data Center

February 2006 Confirmed Tornadoes



3

F Scale	F0	F1	F2	F3	F4	F5	Total
Number	6	5	1	0	0	0	12

F Scale	
+	F 0
◇	F 1
□	F 2
○	F 3
△	F 4
⊠	F 5

OUTSTANDING STORMS OF THE MONTH

**THERE IS NO
“OUTSTANDING STORM OF THE MONTH”
FOR THE MONTH OF FEBRUARY 2006.**

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

ALABAMA, Central

Jefferson County

Birmingham **03** **0000CST**
2359CST **0** **0** **Heavy Rain**

Rainfall measured at the Birmingham International Airport was 3.42 inches. This rain amount established a new daily record rainfall for Birmingham. The previous record was 2.24 inches set in 1988.

Pickens County

Carrollton **03** **1755CST** **0** **0** **Hail (0.75)**

Penny size hail was reported in Carrollton by the County Sheriff.

Tuscaloosa County

10 NW Northport **03** **1830CST** **0** **0** **Hail (0.88)**

Nickel size hail was observed along Highway 171 northwest of Northport.

Hale County

10 SW Greensboro **03** **1910CST** **0** **0** **Hail (0.75)**

Penny size hail fell at Lock Number 5 along County Road 16.

Tuscaloosa County

5 NE Vance **03** **1915CST** **0** **1** **Lightning**

A 20 year old male was struck by lightning in the Lake View Community. The injuries were not life threatening.

Jefferson County

1 NW Birmingham **03** **1950CST** **0** **0** **4K** **Thunderstorm Wind (G50)**

A carport was blown across a residential yard and sustained significant damage in the Edgewater Community.

Jefferson County

Birmingham **03** **1954CST** **0** **0** **Hail (0.75)**

Penny size hail was reported in North Birmingham.

Talladega County

Lincoln **06** **1550CST**
1650CST **0** **0** **2K** **Flash Flood**

US Highway 78 and State Highway 77 in Lincoln were covered with water and were temporarily impassable. Mudd Street and Cobb Lane were also impassable.

St. Clair County

Countywide **06** **1630CST**
1730CST **0** **0** **3K** **Flash Flood**

Several roadways were flooded and were temporarily impassable across St. Clair County. The roadways included Wolf Creek Road, US Highway 78, Truss Ferry Road, King Circle, and Dry Creek Road.

ALZ011>012-014

Marion - Lamar - Winston

18 **0600CST**
1400CST **0** **0** **Winter Storm**

Freezing rain fell across northern Lamar, northern Winston and Marion Counties. The freezing rain accumulations were generally 0.10 to 0.20 of an inch and occurred mainly on elevated surfaces such as trees and roadway overpasses. A few automobile accidents were attributed to icing on area overpasses. A few tree limbs were broken off due to the weight of the ice.

Chilton County

10 SW Maplesville **22** **1750CST** **0** **0** **Funnel Cloud**

Two reports of funnel clouds were received from extreme southwestern Chilton County.

ALABAMA, North

ALZ004

Lawrence

11 **1600CST**
1900CST **0** **0** **Heavy Snow**

A northwest flow of cold air behind an exiting low pressure system produced several periods of shallow convective snow showers which developed during peak afternoon heating. The accumulation occurred in narrow bands, with up to 2 inches of accumulation reported 9 miles east of Moulton in Lawrence County. Several other reports of 1 to 1.5 inches of accumulation were received in nearby communities in the Tennessee Valley.

ALABAMA, Southeast

NONE REPORTED.

ALABAMA, Southwest

Monroe County

Tunnell Spgs **02** **1520CST** **0.5** **30** **0** **0** **25K** **Tornado (F0)**
1522CST

A weak tornado briefly touched down near Tunnel Springs. The tornado damaged a roof on a home and blew down several trees and power lines.

Storm Data and Unusual Weather Phenomena

February 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, Southwest</u>									
Conecuh County									
17 NW Evergreen	02	1525CST 1527CST	0.5	30	0	0	10K		Tornado (F0)
A weak tornado briefly touched down just inside the Conecuh county line, just east of Pine Orchard. The tornado blew down several trees and power lines.									
Choctaw County									
Melvin	03	1845CST 1847CST			0	0			Hail (0.75)
Clarke County									
Grove Hill	03	1943CST 1945CST			0	0			Hail (0.75)
<u>ALASKA, Northern</u>									
AKZ203									
Central Beaufort Sea Coast	01	0253AST 0553AST			0	0			Extreme Cold/Wind Chill
West winds of 15 mph with a cold airmass in place produced wind chills to 76 below, as reported by the Deadhorse ASOS.									
AKZ201-213									
Western Arctic Coast - St Lawrence Is. Bering Strait	03	1755AST			0	0			Extreme Cold/Wind Chill
	05	0340AST							
AKZ213									
St Lawrence Is. Bering Strait	04	1655AST			0	0			Blizzard
	05	0455AST							
AKZ213									
St Lawrence Is. Bering Strait	04	2356AST			0	0			High Wind (G53)
	05	0256AST							
A large storm moving slowly north over Bristol Bay brought increasing northeast winds to the outer west coast of Alaska. Blizzard conditions likely occurred at Zone 213 - Tin City AWOS. Extreme Wind Chills occurred at: Zone 213: Tin City AWOS: -80 F; Zone 201: Point Lay AWOS -65 F. High Winds occurred at: Zone 213: Gambell AWOS: gust to 53 knots (62 mph).									
AKZ211-214									
Srn Seward Peninsula Coast - Yukon Delta	08	1755AST			0	0			High Wind (G55)
	09	0316AST							
AKZ213>214									
St Lawrence Is. Bering Strait - Yukon Delta	08	1755AST			0	0			Blizzard
	09	0900AST							
A large storm moved slowly northwest over Bristol Bay. High Winds were reported at: Zone 211: Golovin AWOS gust to 53 knots (61 mph). Zone 214: Cape Romanzof AWOS gust to 55 knots (63 mph). Blizzard conditions were likely at: Zone 213 - Tin City AWOS. Zone 214 - Cape Romanzof AWOS.									
AKZ211-214									
Srn Seward Peninsula Coast - Yukon Delta	13	1355AST 1955AST			0	0			Blizzard
AKZ201-208-211-213>214									
Western Arctic Coast - Lower Kobuk & Noatak Valleys - Srn Seward Peninsula Coast - St Lawrence Is. Bering Strait - Yukon Delta	13	1700AST			0	0			High Wind (G61)
	14	1600AST							
A 960 mb low pressure center moved north over the central Bering Sea on the evening of the 13th and the morning of the 14th, bringing strong winds and local blizzard conditions to western Alaska. High Winds were reported at: Zone 201: Cape Lisburne AWOS: gusts to 54 knots (62 mph). Zone 208: Red Dog Mine: gusts to 61 knots (70 mph). Zone 211: Anvil Mountain (University of Alaska Water and Environmental Research Center Mesonet Station): gusts to 61 knots (70 mph). Zone 213: Savoonga AWOS: gusts to 61 knots (70 mph); Tin City AWOS: gusts to 56 knots (64 mph); Gambell AWOS gusts to 55 knots (63 mph). Zone 214: Cape Romanzof AWOS gusts to 58 knots (67 mph); Saint Marys AWOS: gusts to 53 knots (61 mph). Blizzard conditions:									

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

ALASKA, Northern

Zone 211: reported at Nome.
Zone 214: likely at Cape Romanzof AWOS.

AKZ216

Lower Koyukuk Middle Ykn Vlys

18	1200AST				1	0			Winter Weather
19	1200AST								

Moderate winds, with snow and blowing snow produced Winter Weather Advisory conditions over exposed portions of the zone, beyond the immediate area of weather reporting stations. A 42 year old woman, on a solo hunting trip, died from hypothermia when she was stranded after her snowmobile broke down. F42OU

AKZ201>203-209-214

Western Arctic Coast - Northern Arctic Coast - Central Beaufort Sea Coast - Baldwin Pen. & Selawik Valley - Yukon Delta

18	1315AST				0	0			High Wind (G59)
19	1726AST								

AKZ201>202

Western Arctic Coast - Northern Arctic Coast

19	0942AST				0	0			Blizzard
	1600AST								

A 976 mb low moved north over the eastern Bering Sea on the 18th producing strong winds over the outer Yukon Delta. The low continued north past the Bering Strait and curved northeast moving along just northwest of Barrow on the 19th at 970 mb. The low proceeded slowly northeast on the 20th and weakened.

High Winds were reported at:

Zone 201: Wainwright AWOS gust to 58 knots (67 mph); Cape Lisburne AWOS: gusts to 57 knots (66 mph).

Zone 202: Barrow ASOS gusts to 58 knots (67 mph).

Zone 203: Deadhorse ASOS gusts to 53 knots (61 mph).

Zone 214: Emmonak AWOS gust to 52 knots (60 mph).

Blizzard conditions:

Zone 201: likely at Wainwright ASOS.

Zone 202: reported at Barrow ASOS.

AKZ201-203

Western Arctic Coast - Central Beaufort Sea Coast

21	0750AST				0	0			Blizzard
	1753AST								

A weather disturbance moved toward the northern Arctic Coast, around the southwest side of an existing low pressure center of 987 mb far north of Barter Island. This brought increasing wind speeds and a fresh snowfall, creating blizzard conditions at certain locations across the North Slope. Additionally, Barrow, in zone 202, came near to blizzard conditions. The final frontal system with the complex moved due east across interior Alaska on the 25th and 26th, producing heavy snowfall in the hills north of Fairbanks.

Blizzard conditions:

Zone 201: were likely at Atkasuk, as reported by the AWOS.

Zone 203: were likely at Nuiqsut, as reported by ASOS; also reported by the augmented Deadhorse ASOS.

Heavy Snow was reported at:

Zone 222: Two-day totals from Co-operative Observers: Fort Knox Mine 21.7 inches; Keystone Ridge 18.1 inches; College Hills 11.6 inches, College Observatory 11.0 inches, Ester 5NE 14.2 inches, Ester Dome 15.5 inches, Goldstream Hills 12.2 inches; Windfall Corral 17.1 inches. Snow began in the area around 830am on the 25th.

AKZ207-213

Chukchi Sea Coast - St Lawrence Is. Bering Strait

24	1336AST				0	0			Blizzard
25	0636AST								

A complex frontal system move over western Alaska from the southwest Bering Sea, creating blizzard conditions at a few locations and bringing near-blizzard conditions to other places on the coast, like Kotzebue (zone 209) and Nome (zone 211).

Blizzard conditions:

Zone 207: were likely at Point Hope, as reported by the AWOS.

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

AKZ213

St Lawrence Is. Bering Strait

28	1955AST				0	0			Blizzard
	2359AST								

A large storm became stationary over the southwest Bering Sea and the associated weather front moved northeast, likely bringing blizzard conditions to Saint Lawrence Island, as reported by the Gambell AWOS and Savoonga AWOS. Wind gusts reached 58 mph at Gambell, and 55 mph at Savoonga during the event.

Event continued into March.

ALASKA, Southeast

NOT RECEIVED.

Storm Data and Unusual Weather Phenomena

February 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALASKA, Southern									
AKZ155			Kuskokwim Delta						
		02 1415AST			0	0			Blizzard
		03 0100AST							
			A low moved across the Bering Sea to the Kuskokwim Delta coast Thursday morning. strong wind in advance of its associated front along with snow resulted in blizzard conditions across the Kuskokwim Delta Thursday afternoon and night.						
AKZ185-195			Eastern Aleutians - Pribilof Islands						
		03 1115AST			0	0			Blizzard
		04 0700AST							
			A strong low moved along the Aleutians Thursday night and Friday. this storm produce blizzard conditions in the Unalaska area Friday afternoon. The blizzard conditions occurred in the Pribilof Island Friday afternoon until Saturday morning.						
AKZ125			Wrn P.W. Snd & Kenai Mtns						
		05 0230AST			0	0			Blizzard
		1500AST							
AKZ101-125			Anchorage Muni To Bird Creek - Wrn P.W. Snd & Kenai Mtns						
		05 1700AST			0	0			High Wind (G88)
		06 1300AST							
			An intense storm moved into southwest Alaska Sunday, February 5th. The initial phase of this storm produced show in Portage Valley along with strong wind resulting in blizzard conditions. This was followed by Hurricane force wind in Bear Valley. Hurricane force wind gusted across the Anchorage Hillside with this storm. After the warm air moved into the south central region, the snow changed to rain. this created extremely hazardous conditions across the south central region as the rain was falling on ice and snow pack across the regions road system. Schools in the municipality of Anchorage closed for the day due to this storm.						
AKZ131			Nern P.W. Snd						
		05 0500AST			0	0			Avalanche
			Rapid warming conditions and heavy snow and rain over northern Prince William Sound the first week of February. This resulted in unstable snow loading in the Chugach mountains which in turn resulted in Avalanches in Thompson Pass. The Richardson Highway was closed for nearly 12 hours while DOT crews cleared the avalanches off the highway.						
AKZ101			Anchorage Muni To Bird Creek						
		05 2300AST			0	0	70K		Winter Weather
		06 1800AST							
			A rapid warming occurred overnight February 5th following a prolonged period of extreme cold conditions. Strong wind along with rain occurred in the early morning hours resulting in treacherous travel conditions due to water over polished ice covered roads. Seventy non-injury accidents were reported by the Anchorage Police Department. Schools were closed as were many government offices and local businesses and many local roadways.						
AKZ195			Pribilof Islands						
		06 1120AST			0	0			Blizzard
		1900AST							
			An intense low over the Kuskokwim Delta resulted in strong west to northwest wind across the Pribilof Islands along with snow showers. The combination of the wind and snow showers resulted in a blizzard across the Pribilof islands Monday morning into the evening.						
AKZ125			Wrn P.W. Snd & Kenai Mtns						
		09 0450AST			0	0			Blizzard
		1730AST							
AKZ125			Wrn P.W. Snd & Kenai Mtns						
		09 0630AST			0	0			High Wind (G71)
		1500AST							
AKZ125			Wrn P.W. Snd & Kenai Mtns						
		09 1200AST			0	0			Avalanche
		1500AST							
			An intense area of low pressure in Bristol Bay along with a strong ridge of High Pressure in the eastern Gulf of Alaska combined to produce strong wind in Portage Valley. This storm moved to Kodiak Island Wednesday night. the long moist southerly flow resulted in ample moisture flowing into Prince William Sound. This produced snow over this region. The combination of the strong wind and snow produced a blizzard in Portage Valley out into Turnagain Arm Thursday morning into Thursday afternoon. Warm air flowed into the Chugach mountains with this storm along with heavy snow fall in the mountains. this followed an extended period of very cold conditions. This resulted in unstable snow load conditions in the mountains along Turnagain Arm that triggered avalanches which resulted in road closures in the east end of Turnagain Arm.						
AKZ125			Wrn P.W. Snd & Kenai Mtns						
		09 1200AST			0	0			Avalanche
			A rapid warming occurred in early February. Along with the rapidly warming conditions, strong wind and snow and rain occurred across south central Alaska. The unstable snow loading caused avalanches along the Seward Highway at mile posts 33 and 84.						

Storm Data and Unusual Weather Phenomena

February 2006

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

ALASKA, Southern

AKZ111	Matanuska Valley								
	10	0730AST 1600AST			0	1	10K		Winter Weather
	Very light freezing rain and moderate rainfall in the Palmer and Wasilla areas created treacherous driving conditions along the Glenn highway the morning of February 10th. Numerous cars went off the road and one accident required medical attention.								
AKZ125-135	Wrn P.W. Snd & Kenai Mtns - Sern P.W. Snd								
	11	0420AST 1800AST			0	0	20K		High Wind (G90)
	A strong low moved from the Gulf of Alaska into western Cook Inlet the morning of February 11th. This produced a strong gradient across Prince William sound resulting in strong wind in Cordova and through Portage Valley. The strong wind blew portions of the roof off of the Harbor Master building and some residential houses in Cordova.								
AKZ161-181-185-191-195	Bristol Bay - Alaska Peninsula - Eastern Aleutians - Western Aleutians - Pribilof Islands								
	13	0430AST 1700AST			0	0			High Wind (G123)
AKZ185	Eastern Aleutians								
	13	1130AST 1400AST			0	0	1.6M		Landslide



An intense storm rapidly moved from the north Pacific into the Bering Sea on February 13th. This storm had an intense pressure gradient in advance of its associated front that produced extreme wind across the central Aleutians to the Alaska Peninsula and the Bristol Bay coast to the Pribilof Islands. Reports received from the vessel Stimson in Akutan were of wind peaking at 123 KTS that resulted in the vessel "tipping over" in the harbor. The vessel Redeemer reported winds peaking at 120 KTS where they were moored in Dutch Harbor. Along with the high wind, heavy rain occurred. This followed a prolonged period of extremely cold conditions with above average snow. Several landslides occurred. One landslide completely destroyed a building and its contents and another pushed a building off its foundation.

AKZ151	Kuskokwim Valley								
	14	1200AST 1800AST			1	0			Avalanche
	An avalanche at Pass Creek in Rainy Pass along the Alaska Range swept a snow machine and the driver of the machine into a terrain trap burying him and resulting in his death. The Avalanche occurred while he was breaking trail through the pass for the Iditarod Sled Dog Race. M46OU								
AKZ155	Kuskokwim Delta								
	25	0215AST 1130AST			0	0			Blizzard
	A storm moved from the central Aleutians into the eastern Bering sea Friday and Saturday. As this storm moved to the Bering Sea Coast, gusty wind along with snow produced blizzard conditions over the Kuskokwim Delta.								

Storm Data and Unusual Weather Phenomena

February 2006

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

ALASKA, Southern

AKZ181 Alaska Peninsula
 27 2230AST 0 0 High Wind (G72)
 28 0500AST
 A cold front moved across the Alaska Peninsula Monday afternoon. strong northwest wind behind this front channeled through the rugged terrain of the peninsula peaking at 82 mph at King Cove.

AKZ111 Matanuska Valley
 28 1500AST 0 1 Avalanche
 1530AST
 An avalanche in Hatcher Pass above the Mother Load Lodge killed a snow boarder Tuesday afternoon.

AMERICAN SAMOA

NOT RECEIVED.

ARIZONA, Central and Northeast

AZZ015 Western Mogollon Rim
 01 0000MST 0 0 Drought
 28 2359MST
 February was as the sixth driest February on record in Flagstaff since 1898 with only 0.09" of precipitation measured. No snowfall was recorded at the Flagstaff airport. The average precipitation for the month is 2.56 inches of precipitation. The average snowfall is 20.8 inches. Flagstaff received only 2.58 inches of precipitation (including melted snow) from September 1st 2005 through February 28th 2006. This is only 21 percent of average precipitation and is least amount of precipitation ever recorded. Average precipitation is 12.48 inches during this period. Last year...23.81 inches of precipitation had occurred during this same period. Dry conditions existed across all of northern Arizona with many locations recording 15 to 40 percent of their normal precipitation for the fall and winter months so far.

AZZ018 Northern Gila County
 06 1500MST 0 0 Wildfire
 15 1800MST
 The February Fire was caused by an abandoned campfire along the Mogollon Rim about 12 miles north of Payson. Persistent northeast winds pushed the fire south and down off the Rim. The fire grew to 4,200 acres before it was contained. This area would usually have over a foot of snow on the ground in early February. The very dry winter contributed to the rapid spread of this fire. One snowstorm dumped over 3 feet of snow on the burned area about 3 weeks later.

AZZ009>014-040 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 - Northeast Plateaus And Mesas South Of Highway 264
 15 1030MST 0 0 Dust Storm
 2100MST
 A strong cold front brought strong winds and blowing dust to much of northeast Arizona. The visibility dropped to near zero in many areas. Some of the locations that reported visibility less than 1/4 miles include: Luepp, Winslow, Kayenta, Navajo National Monument, Tuba City, and Chinle.

AZZ011>014-016>017 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 - Eastern Mogollon Rim - White Mountains
 15 1145MST 0 0 9K High Wind (G50)
 2100MST
 A strong cold front produced strong and damaging winds across the Little Colorado River Valley. Some of the high winds reports include: Winslow 56 MPH MS/68 MPH MG, St. Johns 40 MPH MS/56 MPH MG, Show Low Airport 49 MPH MS/74 MPH MG, and Window Rock Airport 44 MPH MS/ 56 MPH MG. Spotters in Winslow reported sheet metal roofing blowing around, numerous tree limbs blown down, and shingles blowing off roofs. A spotter in Tuba City reported metal blowing off roof tops.

ARIZONA, Northwest

NONE REPORTED.

ARIZONA, South

NONE REPORTED.

ARIZONA, Southwest

AZZ028 Central Deserts
 15 1025MST 2 13 Dust Storm
 1035MST
 Near zero visibility due to blowing dust, also described as a temporary blackout, contributed to two traffic pileups on a stretch of Interstate 8 west of Casa Grande.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

ARIZONA, Southwest

F79VE, M85VE

ARKANSAS, Central and North Central

ARZ016-025

Independence - Jackson

10

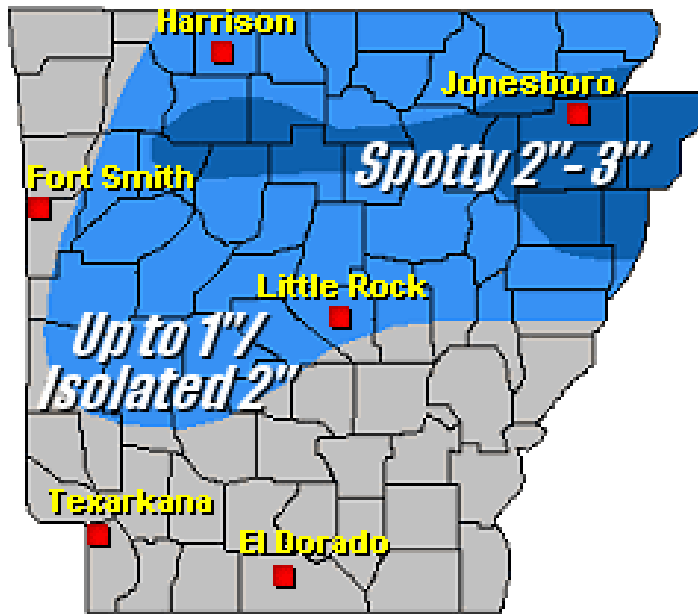
1600CST

1800CST

0

0

Winter Storm



In the picture: Snowfall totals on 02/10/2006.

A cold front passed through Arkansas on February 10th. At the same time, a storm system tracked along the Gulf Coast...and drove moisture to the north. The moisture interacted with cold air in Arkansas, and wintry precipitation developed. Light snow fell across northern and central sections of the state, with up to an inch of snow common. Two to three inch totals occurred on a few hilltops, mainly from Deer to Clinton, Batesville and Newport. During the event, temperatures remained above freezing, with snow tending to melt as it fell. Accumulations were mainly restricted to grassy areas. Roads were generally wet, with some slush where brief heavy snow occurred.

Boone County 4 W Batavia	16	1530CST	0	0	Hail (1.00)
Boone County Batavia	16	1532CST	0	0	Hail (0.88)
Boone County 5 W Gaither	16	1532CST	0	0	Hail (0.75)
Boone County Capps	18	1533CST	0	0	Thunderstorm Wind (G50)
Thunderstorm winds snapped off three power poles.					
Boone County 1 W Harrison	18	1535CST	0	0	Hail (0.88)
Boone County 1 N Harrison	18	1538CST	0	0	Hail (1.00)
Baxter County 10 N Mountain Home	16	1620CST	0	0	Hail (0.75)
Baxter County Clarkridge	16	1625CST	0	0	Thunderstorm Wind (G50)
Thunderstorm winds downed several trees.					
Newton County Deer	16	1625CST	0	0	Hail (0.75)

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

ARKANSAS, Central and North Central

Johnson County

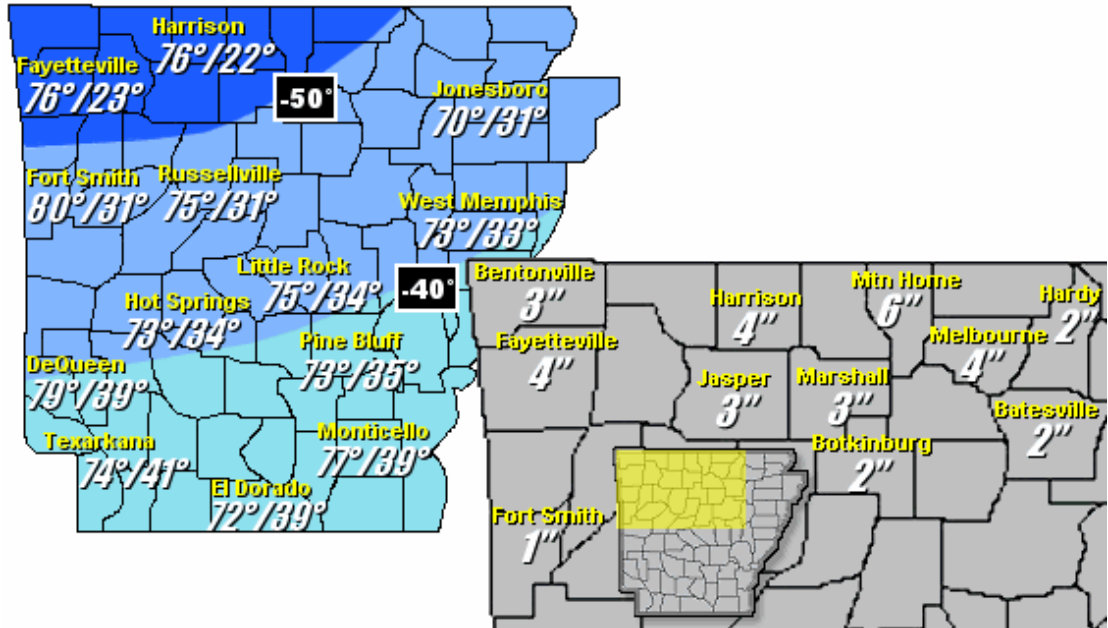
10 N Clarksville 16 1625CST 0 0 **Thunderstorm Wind (G50)**
 Thunderstorm winds blew the roof off a house that was under construction.

Fulton County

Saddle 16 1704CST 0 0 **Hail (0.75)**

ARZ003>007-012>015 Boone - Marion - Baxter - Fulton - Sharp - Newton - Searcy - Stone - Izard

18 0300CST 0 0 **Winter Storm**
 1000CST



In the picture: High/low temperatures from 12 pm CST on 02/16/2006 to 6 am CST on 02/17/2006 and snowfall in northern Arkansas on 02/18/2006.

This event began with a cold frontal passage on February 16th, and a few severe storms along the front. Behind the front, temperatures dropped more than 50 degrees in some areas in less than 24 hours! The front stalled along the Gulf Coast, with west winds aloft bringing a storm system from the southern Plains. The system interacted with the front late on the 17th/early on the 18th, with moisture surging northward into the cold air. The cold air was deep enough to support snow in northern Arkansas. Two to as much of six inches of snow was common in about the northern two rows of counties. In central and southern sections of the state, the cold air was more shallow, with a layer of warm air aloft. In these areas, snow fell though the warm layer and melted, but refroze as it neared the ground. The result was freezing rain and sleet. Roads across the state became partially snow and ice covered, especially in the northern counties, with some accidents reported.

ARKANSAS, East

ARZ018-026>028-035>036-048>049-058

Greene - Craighead - Poinsett - Mississippi - Cross - Crittenden - St. Francis - Lee - Phillips

10 1100CST 0 0 **9K** **Winter Storm**
 2300CST

The combination of a surface low moving across the northern Gulf coast and a southward moving arctic front produced significant winter weather over East Arkansas. Between 2 and 5 inches of snow over this area.

Randolph County

Supply 16 1830CST 0 0 **0.01K** **Hail (0.75)**
 1835CST

Craighead County

Jonesboro 16 1900CST 0 0 **10K** **Thunderstorm Wind (G55)**
 1905CST

One home had damage to the roof and the front porch.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

ARKANSAS, East

**ARZ008>009-
017>018-026>028-
035>036-048>049-058** **Randolph - Clay - Lawrence - Greene - Craighead - Poinsett - Mississippi - Cross - Crittenden - St. Francis - Lee - Phillips**

18	0600CST		0	0	12K		Winter Storm
	2100CST						

A mixture of snow, sleet and freezing rain fell on much of East Arkansas. Over Randolph, Lawrence, Clay and Greene counties about 2-3 inches of a snow and sleet mix fell. In Phillips County, about 1/2" of sleet fell with 1/4" of ice accumulation from freezing rain. The remainder of East Arkansas saw about 1" of sleet and snow with 1/4" of ice accumulation.

ARKANSAS, Northwest

**ARZ001>002-
010>011-019>020-029** **Benton - Carroll - Washington - Madison - Crawford - Franklin - Sebastian**

01	0000CST		0	0			Drought
	28 2359CST						

Precipitation remained well below normal across northwestern and west central Arkansas through February resulting in worsening long-term drought conditions during the month (D3). Reservoir levels and streamflow remained well below normal. A burn ban that was issued for the region in early December remained in effect through the month.

**ARZ001>002-
010>011-019>020-029** **Benton - Carroll - Washington - Madison - Crawford - Franklin - Sebastian**

18	0430CST		0	0			Winter Storm
	20 1000CST						

Arctic air spread into the region on the 16th setting the stage for a period of wintry precipitation as several upper level disturbances moved through the area from the 17th through the 20th. Precipitation began during the late evening on the 17th as the first disturbance approached. Four to five inches of snow had fallen across Benton, Carroll, and Washington Counties by daybreak on the 18th. A mixture of snow and sleet resulted in a significant impact across Madison County while a mixture of freezing rain and at least one inch of sleet significantly impacted Crawford, Franklin, and Sebastian Counties. The first round of wintry precipitation ended around midday on the 18th but another began during the evening hours of the 19th, which continued through the early morning hours of the 20th.

ARKANSAS, Southeast

NONE REPORTED.

ARKANSAS, Southwest

**ARZ050>051-
059>061-070>073** **Sevier - Howard - Little River - Hempstead - Nevada - Miller - Lafayette - Columbia - Union**

19	1700CST		0	0			Winter Weather/Mix
	20 0600CST						

Much of the region was entrenched in an arctic airmass during the weekend of the 18th through the 20th of February. A weak storm system moved into the southern plains and into the lower Mississippi valley with light freezing rain and freezing drizzle falling across much of the region. Ice accumulations were very light...mainly less than one quarter of an inch across most places. While road surfaces remained wet from ground warmth, most elevated bridges and overpasses saw some ice accumulation which resulted in numerous traffic accidents. Many elevated bridges and overpasses had to be closed due to the ice accumulation.

ATLANTIC OCEAN

**Tidal Potomac Cobb
Is Md To Smith Pt Va
Lewisetta**

04	2030EST		0	0			Marine Tstm Wind
----	---------	--	---	---	--	--	-------------------------

**Chesapeake Bay
Pooles Is To Sandy Pt
Md**

04	2041EST		0	0			Marine Tstm Wind
----	---------	--	---	---	--	--	-------------------------

**Chesapeake Bay
Sandy Pt To N Beach
Md**

04	2051EST		0	0			Marine Tstm Wind
----	---------	--	---	---	--	--	-------------------------

**Chesapeake Bay
Smith Pt To Windmill
Pt Va**

04	2030EST		0	0			Marine Tstm Wind
----	---------	--	---	---	--	--	-------------------------

Wind gust of 41 knots measured at Lewisetta.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

ATLANTIC OCEAN

Manasquan Inlet To

Little Egg Inlet Nj

Out 20Nm

Pt. Pleasant to Barnegat Inlet	17	1200EST 1220EST			0	0	0		Marine Tstm Wind
-----------------------------------	----	--------------------	--	--	---	---	---	--	-------------------------

A line of showers and isolated thunderstorms produced wind gusts to 47 knots (54 mph) at Point Pleasant and 45 knots (52 mph) at Barnegat Light House.

CALIFORNIA, Extreme Southeast

NONE REPORTED.

CALIFORNIA, North Central

Nevada County

Grass Vly	28	1212PST			0	0	0	0	Hail (0.75)
-----------	----	---------	--	--	---	---	---	---	--------------------

Hail accumulated three to four inches deep across areas of the Grass Valley area.

CALIFORNIA, Northeast

CAZ073

Mono									
01		0900PST			1	1			Avalanche

Three skiers were caught in a slab avalanche while crossing an open area on their way to Mt. Walt west of Twin Lakes. According to a newspaper report, all three were experienced skiers and all of them carried avalanche beacons. One skier survived the avalanche by hanging onto a tree at the edge of the snow slide. The other two skiers were caught in the avalanche and carried downhill. One of the skiers was only partially buried and suffered a large cut to his jaw. The other skier was carried through trees for about 600 feet. She suffered a broken back, among other serious injuries. She was airlifted to the University Hospital near Fresno, but died of her injuries. F31OU

CAZ073

Mono									
17		1300PST			0	0			Heavy Snow
19		1400PST							

A strong winter storm moved through the Sierra Nevada from the 17th to the 19th. Two to 3 feet of snow fell in the higher elevations.

Storm total snowfall amounts:

Mammoth Mountain Ski Resort (9000 ft)	21 inches
June Mountain Ski Area	16 inches

CAZ072

Greater Lake Tahoe Area									
17		1300PST			0	0			Heavy Snow
19		1400PST							

A strong winter storm moved through the Sierra Nevada from the 17th to the 19th. Two to 3 feet of snow fell in the higher elevations.

Storm total snowfall amounts:

Homewood Ski Resort (7900 ft)	32 inches
(6250 ft)	18 inches
Kirkwood Ski Resort	30 inches
Alpine Meadows Ski Resort	28 inches
Northstar-at-Tahoe Ski Resort (8300 ft)	23 inches
(6900 ft)	15 inches
Squaw Valley Ski Resort (8200 ft)	20 inches
(6200 ft)	14 inches
Sugar Bowl Ski Resort (8400 ft)	18 inches
Heavenly Ski Resort	18 inches

Plumas County

5 S Twain	26	1400PST			0	0			Heavy Rain
	27	2200PST							

A total of 5.13 inches of rain fell 5 miles south of Twain.

Lassen County

3 NW Janesville	26	1700PST			0	0			Heavy Rain
	28	0800PST							

A total of 4.30 inches of rain fell 3 miles northwest of Janesville.

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
CALIFORNIA, Northeast									
Placer County									
5 W Tahoe City	26	1800PST			0	0			Heavy Rain
	28	0400PST							
	A total of 6.18 inches of rain was reported at Alpine Meadows Ski Resort base (elevation 6910 ft).								
CAZ073									
	26	2100PST			0	0			Heavy Snow
	28	1600PST							
	A winter storm moved through the Sierra Nevada from February 26th through the 28th.								
	Storm total snowfall amounts:								
			Mammoth Mountain Ski Resort (9000 ft.)		39 inches				
			June Mountain		22 inches				
			Bodie		12 inches				
CAZ072									
	Greater Lake Tahoe Area								
	26	2100PST			0	0			Heavy Snow
	28	1400PST							
	A winter storm moved through the Sierra Nevada from February 26th through the 28th.								
	Storm total snowfall amounts:								
			Alpine Meadows Ski Resort (8600 ft)		19 inches				
			(7000 ft)		10 inches				
			Squaw Valley Ski Resort (8200 ft)		17 inches				
			(6200 ft)		8 inches				
			Boreal Ski Resort		16 inches				
			Northstar-at-Tahoe Ski Resort (8300 ft)		14 inches				
			(6900 ft)		7 inches				
			5 SW Prosser Creek Reservoir		10 inches				
			South Lake Tahoe		7 inches				
Nevada County									
4 W Truckee	26	2200PST			0	0			Heavy Rain
	28	0400PST							
	A total of 5.27 inches of rain was reported at Donner Lake Dam.								
Placer County									
7 NW Tahoe City	26	2200PST			0	0			Heavy Rain
	28	0400PST							
	A total of 4.57 inches of rain fell at Squaw Valley High Camp (elevation 8200 ft).								
Lassen County									
1 E Janesville	26	2300PST			0	0			Heavy Rain
	28	1300PST							
	A total of 4.54 inches of rain fell 1 mile east of Janesville.								
CAZ071									
	Lassen/Eastern Plumas/Eastern Sierra								
	27	0945PST			0	0			High Wind (G52)
	A 52 kt (60 mph) wind gust recorded at the Westwood RAWS sensor.								
CAZ072									
	Greater Lake Tahoe Area								
	27	1110PST			0	0			High Wind (G56)
	A 56 kt (64 mph) wind gust recorded by the wind sensor at the Truckee airport.								
Sierra County									
4 WNW Sierraville	27	2000PST			0	0			Heavy Rain
	28	1100PST							
	A total of 4.88 inches of rain fell 4 miles WNW of Sierraville.								
Lassen County									
Susanville	28	0000PST			0	0			Flood
		0200PST							
	Flooding occurred along the Susan River. The river was above flood stage for only a couple of hours during the early morning of the 28th. The main effect was lowland and rural flooding. However, the public also reported street and creek flooding in Susanville.								
CAZ073									
	Mono								
	28	0445PST			0	0			High Wind (G69)
	A 69 kt (79 mph) wind gust recorded by the Walker RAWS sensor.								

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

CALIFORNIA, Northwest

NONE REPORTED.

CALIFORNIA, South Central

CAZ089>092	W Central S.J. Valley - E Central S.J. Valley - Sw S.J. Valley - Se S.J. Valley	04 0035PST		0	0				
		1130PST							Dense Fog

Visibilities on Central and Southern San Joaquin Valley roads dropped to as low as 100 to 200 feet just after midnight and persisted through the late morning on the 4th. A multiple vehicle accident occurred south of Fresno along Highway 41 before dawn with the dense fog a contributing factor.

CAZ092	Se S.J. Valley	07 0705PST		1	6	380K			
		0900PST							Dense Fog

Dense fog with visibilities as low as only 100 feet formed just after sunrise between Visalia and Delano along the Highway 99 corridor in the Southeast San Joaquin Valley on the morning of the 7th. Due to vehicles over-driving forward visibility in the dense fog a 38-car/truck pile-up resulted. One fatality was reported in the vicinity of Earlimart in Southern Tulare County. This major transportation artery was closed for 6 hours due to the event.

CAZ095-098>099	Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert	14 2100PST		0	0	3K			
		15 2000PST							Strong Wind

Gusty west-northwest wind occurred across the Kern County mountains and deserts on the 15th.

CAZ089>092	W Central S.J. Valley - E Central S.J. Valley - Sw S.J. Valley - Se S.J. Valley	16 0000PST		0	0	11.9M			
		17 0800PST							Frost/Freeze

After a very mild January that encouraged earlier-than-normal deciduous orchard blooming, daytime high temperatures in Interior Central California on the 15th were much below normal following a dry cold-frontal passage. Temperatures on the night of the 15th and morning of the 16th plunged to the mid to upper 20s throughout the Central and South San Joaquin Valley. Many agricultural reporting stations were less than 27F with coldest locations less than 25F. Temperature durations less than 28F exceeded 6 hours in several locations. Early deciduous nut blooms and fruit-set were damaged by the cold air despite grower attempts at freeze mitigation. Temperatures moderated on the morning of the 17th but still dropped to as low as 28F in the coldest locations continuing the damage on area agriculture.

CAZ096>097	S Sierra Mtns - Tulare Cty Mtns	19 0000PST		0	0				
		1200PST							Heavy Snow

A fast cold-front brought snow to the Southern Sierra Nevada and Tulare County Mountains early on the 19th. In the Southern Sierra Nevada Hume Lake received almost 10 inches of new snow, Lush Meadow near Mariposa 8", Fish Camp 6", and Ponderosa Basin 4". In the Tulare County Mountains Farewell Gap received a little less than 10" and Tunnel Guard a little less than 12" in a 24-hour period.

CAZ089>092	W Central S.J. Valley - E Central S.J. Valley - Sw S.J. Valley - Se S.J. Valley	19 2315PST		0	0				
		23 0800PST							Frost/Freeze

Another period of frost struck the Central and Southern San Joaquin Valley from the mornings of the 20th through the 23rd. Temperatures on the 20th and 21st were low enough to cause widespread damage in the setting agricultural deciduous crops with the 22nd and 23rd having some threat to colder locations. On the morning of the 20th a couple of agricultural stations reported a little less than 26 degrees F, with durations more than 4 hours below 28F. On the 21st colder stations were less than 27F with durations less than 28F of more than 2 hours. While minimum temperatures on the 22nd were almost as low as the 21st, durations less than 30F were less than the 21st.

CAZ096>097	S Sierra Mtns - Tulare Cty Mtns	27 0800PST		0	0				
		28 0800PST							Winter Storm

Kern County Tehachapi		27 0800PST		0	0				
		28 0800PST							Heavy Rain

A substantial snowfall again occurred in the Southern Sierra Nevada and Tulare County Mountains in a 24-hour period across the 27th and 28th of the month after a long period of minimal major storm activity (January 3rd). New snow amounts in the South Sierra included 50 inches at Upper Burnt Corral, 36" at Mitchell Meadow, and 30" at Charlotte Lake. In the Tulare County Mountains 30 inches fell at Tunnel Guard Station, and 20" at Crabtree Meadow and Chagoopa Plateau. This winter storm marked the beginning of a late season wet period for Interior Central California that would extend into mid-April and provide the area with a good snowpack that otherwise was tending toward the dry side. Heavy rain occurred through much of the Kern County Mountains with rainfall reports varying from 1/4" up to 2.5". The Tehachapi area received approximately 1.5" of rain. There were no reports of flooding despite local areas of heavy rain. With wind flow aloft from the southwest during this time period the Central and

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

CALIFORNIA, South Central

Southern San Joaquin Valley experienced relatively light rainfall amounts due to a very pronounced rain-shadow from the Coast Range Mountains.

CAZ089>093	W Central S.J. Valley - E Central S.J. Valley - Sw S.J. Valley - Se S.J. Valley - S Sierra Foothills								
	27	1115PST			0	0	42K	112.5K	Strong Wind
	28	0400PST							

Pre-frontal gusty southeast wind swept the Central San Joaquin Valley beginning by the late afternoon of the 27th. The Southern San Joaquin Valley experienced a blowing dust event with visibilities estimated less than 1/8-mile by Noon on the 27th. A tree was blown over taking down power lines in the Visalia area and Hanford area of Central California at 0328 PST early in the morning of the 28th. In the Southern Sierra Nevada foothills around Oakhurst and Yosemite numerous power lines were downed from gusty wind toppling trees and leaving 12,000 utility customers without power during the night of the 27th. Deciduous trees were downed on the San Joaquin Valley floor causing agricultural losses.

CALIFORNIA, Southeast

CAZ026	Owens Valley								
	27	1400PST			0	0			Winter Weather
	28	0930PST							

Aspendell (at 8500') received between 8.5 inches and 10 inches of snow.

CALIFORNIA, Southwest

CAZ057	Santa Ana Mountains And Foothills								
	06	0428PST			0	8			Wildfire
	12	1900PST							

Santa Ana Winds and Red Flag conditions resulted in the rapid spread of a wildfire in the Santa Ana mountains. Named the Sierra Fire, this fire burned 10,854 acres from Sierra Peak to the 241 Toll Road. While evacuations were ordered, no structures were burned. Eight minor injuries were reported.

CAZ055	San Bernardino County Mountains								
	15	0700PST			0	0			High Wind (G55)
		0900PST							

A wind gust of 63 mph was observed by the Burns Canyon RAWS.

San Bernardino County									
	3	WSW Lake Arrowhe	28	0330PST	0	0	5K		Flash Flood
				0336PST					

Heavy rain caused mud and rocks to wash across highway 18 between Lake Gregory Rd and Bailey Rd.

CALIFORNIA, Upper

CAZ084	Northeast Siskiyou And Northwest Modoc Counties								
	17	0800PST			0	0			Heavy Snow
	18	0800PST							

The cooperative observer at Lava Beds National Monument reported 10.5 inches of snow in 24 hours.

No warning or advisory was in effect at the time.

CAZ082-082	South Central Siskiyou County								
	26	1200PST			0	0			Heavy Snow
	27	1200PST							

Castle Lake at 5900 feet recorded 11 inches in 12 hours.

A Winter Storm Warning was issued for California zones CAZ080/082/083 above 5500 feet at 26/0405 PST, effective from 26/1600 PST until 27/1600 PST. At 27/0926 PST, the warning time was extended until 28/0400 PST and the warning level was lowered to 4500 feet. The warning was cancelled at 28/0323 PST. The above observation, 19.1 inches at Castle Lake at 5900 feet, verified the warning. The US Forest Service also issued an Avalanche Warning for the Mount Shasta area at 27/0730 PST.

CAZ081-081-081-081-081-081-083	Central Siskiyou County - North Central & Southeast Siskiyou County								
	26	1245PST			0	0			High Wind (G70)
		1537PST							

Recorded at Weed RAWS.

A High Wind Warning was issued for California zone CAZ081 at 26/1410 PST, effective until 27/0000 PST. The warning was cancelled at 26/2120 PST. The observations above verified the warning.

CALIFORNIA, West South Central

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

February 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, Western										
CAZ006-505			San Francisco - Coastal North Bay Including Point Reyes National Seashore							
	27	0700PST 1330PST			0	0			Coastal Flood	
			Coastal Flooding affected Highway 101 in Marin County near Tiburon as strong winds and high tides combined to push water onto the roadway.							
			Coastal Flooding affected the Embarcadero in San Francisco during a strong winter storm as high winds pushed water onto the roadway.							
CAZ511			East Bay Hills And The Diablo Range							
	27	1000PST 1005PST			0	0			High Wind (G77)	
			A strong storm brought a wind gust to 77 mph to the Kregor Peak observation site.							
CAZ509			San Francisco Peninsula Coast							
	27	1717PST 1817PST			0	0			High Wind (G41)	
			Sustained winds up to 41 mph were recorded in Pacifica during a winter storm.							
CAZ509			San Francisco Peninsula Coast							
	27	1828PST 1833PST			0	0			High Wind (G59)	
			A wind gust to 59 mph was recorded in Half Moon Bay during a winter storm.							
CAZ511			East Bay Hills And The Diablo Range							
	27	1835PST 1935PST			0	0			High Wind (G44)	
			Sustained winds reached 44 mph at the Calaveras Road RAWS site during a strong winter storm.							
CAZ508			San Francisco Bay Shoreline							
	27	1854PST 1859PST			0	0			High Wind (G71)	
			A strong winter storm brought a wind gust to 71 mph to the San Francisco Airport.							
CAZ508			San Francisco Bay Shoreline							
	27	1854PST 1859PST			0	0			High Wind (G63)	
			A storm system produced a 63 mph gust in Daly City.							
CAZ006			San Francisco							
	27	1857PST 1902PST			0	0			High Wind (G98)	
			A strong storm brought a 98 mph wind gust to Pt. Blunt Angel Island.							
CAZ006			San Francisco							
	27	1900PST 1905PST			0	0			High Wind (G68)	
			A strong Pacific storm sent wind gusts up to 68 mph to Ft. Funston in San Francisco.							
CAZ508			San Francisco Bay Shoreline							
	27	1900PST 1905PST			0	0			High Wind (G66)	
			A strong storm system brought a 66 mph gust to Pt San Pablo.							
CAZ512			Santa Cruz Mountains							
	27	1930PST 2030PST			0	0			High Wind (G42)	
			A strong winter storm brought sustained winds at 42 mph to the Los Gatos RAWS.							
CAZ506			North Bay Interior Valleys							
	27	2000PST 2005PST			0	0			High Wind (G59)	
			A wind gust to 59 mph was recorded in Mission Bay during a winter storm.							
CAZ517			Santa Lucia Mountains And Los Padres National Forest							
	27	2000PST 2005PST			0	0			High Wind (G71)	
			A gust reached 71 mph at Highlands Park during a strong winter storm.							
CAZ512			Santa Cruz Mountains							
	27	2030PST 2045PST			1	0			High Wind (G70)	
			A 73 year old woman was killed in Boulder Creek when wind gusts estimated at 70 mph tore the top off a redwood tree and hurled							

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

CALIFORNIA, Western

it into her yard, where she was walking her dog at approximately 830pm on February 27th. The winds were part of a large and powerful winter storm that brought strong winds and heavy rain to the Bay Area. F73UT

CAZ507
North Bay Mountains
 27 2255PST 0 0 **High Wind (G42)**
 2355PST

Sustained winds hit 42 mph at the Hawkeye RAWs during a winter storm.

CAZ511
East Bay Hills And The Diablo Range
 27 2300PST 0 0 **High Wind (G44)**
 28 0000PST

Sustained winds hit 44 mph at Los Vaqueros RAWs during a strong winter storm.

CARIBBEAN SEA AND TROPICAL ATLANTIC

Charleston Harbor
Charleston Hrbr Ent to 03 2335EST 0 1 500K **Marine Tstm Wind**
The Charleston Battery 04 0015EST

A gravity wave from nearby thunderstorms moved across the Charleston Harbor creating the following peak wind gusts: 65 mph at the Coast Guard Station, 62 mph at the Wando shipping terminal, and 53 mph at Waterfront Park. Waves estimated to be 4 to 5 feet developed as a result of the velocity and long duration of the wind event. Significant damage to boats occurred at the Charleston City Marina where nearly 30 boats were damaged. A 40 foot sailboat sunk when large waves pushed the boat onto a dock and cracked its hull. One boat owner had his hand cut off while trying to tie down his boat.

**S Santee R To Edisto
 Beach Sc Out 20Nm**
Folly Beach to 03 2335EST 0 0 **Marine Tstm Wind**
Bulls Bay 04 0015EST

Nearby thunderstorms produced a gravity wave that affected the coastal waters just off Charleston county. Winds gusted to 65 mph at Folly Beach City Hall, 56 mph at both the Isle of Palms and Sullivan's Island, and 49 mph at both the Folly Beach C-man station and the Capers Island NOS station.

**Deerfield Beach To
 Ocean Reef Fl**
6 SE Government Cut 04 0152EST 0 0 **Marine Tstm Wind**

A wind gust to 36 knots was recorded at the Fowey Rocks C-MAN station.

**Deerfield Beach To
 Ocean Reef Fl**
6 SE Government Cut 04 1351EST 0 0 **Marine Tstm Wind**

A wind gust to 42 knots was measured at the Fowey Rocks C-MAN station.

**Jupiter Inlet To
 Deerfield Beach Fl 20
 To 60Nm**
38 ESE Port Of Palm B 16 1027EST 0 0 **Waterspout**
 1045EST

A pilot reported a waterspout about 35 miles east of Manalapan. The waterspout was nearly stationary.

COLORADO, Central and Northeast

COZ031-034
**West Jackson & West Grand Counties Above 9000 Feet - S & Se Grand / W Central & Sw Boulder / Gilpin /
 Clear Creek / Summit / N & W Park Counties Above 9000 Feet**
 04 0300MST 0 0 **Winter Storm**
 05 0500MST

A winter storm brought heavy snow to the portions of the North-Central Mountains. Storm totals included: 15 inches at Winter Park, 14 inches at Columbine and 13 inches at Breckenridge.

COZ039-046
**Boulder & Jefferson Counties Below 6000 Feet / W Broomfield County - N & Ne Elbert County Below 6000
 Feet / N Lincoln County**
 05 0627MST 0 0 **High Wind (G80)**
 1334MST

High winds develop briefly along the foothills, extending from Golden to near Boulder. Peak wind reports included 92 mph (80 kts) at the National Wind Technology Center, with a gust to 84 mph (73 kts) in Golden.

High winds developed briefly along the foothills, extending from Golden to near Boulder. Peak wind reports included 92 mph (80 kts) at the National Wind Technology Center, with a gust to 84 mph (73 kts) in Golden. High winds redeveloped along the Palmer Divide towards midday. Peak wind reports included 62 mph (54 kts) at Limon and 61 mph (53 kts) at Cedar Point.

Storm Data and Unusual Weather Phenomena

February 2006

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

COLORADO, East Central

COZ091>092 Kit Carson County - Cheyenne County
05 1015MST 0 0 High Wind (G59)
1500MST

Strong northwest gradient winds developed during the morning and resulted in numerous 40 to 55 mph wind gusts during the day. Peak wind gusts around 65 mph occurred in the early afternoon hours. No known damage or injuries. The peak wind gusts were reported at Flagler in western Kit Carson county, and at Cheyenne Wells in eastern Cheyenne county.

COLORADO, South Central and Southeast

COZ058>060 Eastern Lake County / Western Mosquito Range Above 11000 Ft - Leadville Vicinity / Lake County Below 11000 Ft - Eastern Sawatch Mountains Above 11000 Ft

01 0500MST 0 0 Heavy Snow
02 0600MST

Heavy snow fell in the higher elevations of the Mosquito and Sawatch Ranges, primarily in Lake County. Five to 6 inches of snow fell in the Leadville area, with up to a foot in the high country.

COZ079>080 Wet Mountains Between 8500 And 10000 Ft - Wet Mountains Above 10000 Ft

09 2100MST 0 0 Heavy Snow
10 1800MST

A strong cold front generated some localized significant snow totals across the eastern slopes of the Wet Mountains in Pueblo and Custer Counties. Six inches of snow was noted in the vicinity of Rye and San Isabel...while 8 inches of snow was measured at Beulah.

COZ068 Eastern San Juan Mountains Above 10000 Ft

17 0200MST 0 0 Heavy Snow
18 0200MST

Heavy snow was noted over the eastern San Juan Mountains of southwest Colorado. From 8 to 13 inches of snow occurred from Cumbres Pass in Conejos County to the lower elevations northeast of the summit of Wolf Creek Pass in Mineral County. Twenty inches of snow was reported at the summit of Wolf Creek Pass.

COLORADO, West

COZ004-013-018 Elkhead And Park Mountains - Flattop Mountains - Northwestern San Juan Mountains

01 0000MST 0 0 Winter Storm
03 1600MST

A winter storm dumped widespread snow amounts of 12 to 16 inches across the mountains of northwest Colorado and the northwest San Juan Mountains, except for areas of the Elkhead and Park Mountains which received around 20 inches. Additionally, frequent wind gusts of 25 to 40 mph occurred with a few gusts near 50 mph.

COZ009>010-012-019 Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Southwestern San Juan Mountains

01 0000MST 0 0 Winter Weather
03 1600MST

Widespread snowfall amounts of 5 to 12 inches accumulated across the central mountains and the southwestern San Juan Mountains of western Colorado. Locally higher amounts included 29 inches at Vail Ski Area, 21 inches at Gladstone, and 17 inches at Red Mountain Pass and also at Beaver Creek Ski Area. Frequent wind gusts of 25 to 40 mph buffeted the area with a few gusts around 55 mph.

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
28 2359MST

Occasional storms brought snowfall to much of western Colorado but widespread precipitation capable of impacting areas experiencing abnormally dry or drought conditions did not occur. Mountain snowpack remained exceptionally low across southwest Colorado while the central and northern mountains continued to experience average or above average snowpack. Overall there was little change in the drought situation and water supply concerns across the area. Abnormally dry to moderate drought conditions continued across extreme southwest Colorado, and abnormally dry conditions remained across the plateaus and lower valleys of northwest Colorado. For a continuation on this drought situation please see the March 2006 Storm Data publication.

COZ005 Upper Yampa River Basin

01 1500MST 0 0 Winter Weather
03 1200MST

A storm system produced 5 to 11 inches of snow in the Steamboat Springs, Oak Creek, and Yampa areas.

Storm Data and Unusual Weather Phenomena

February 2006

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

COLORADO, West

COZ018>019	Northwestern San Juan Mountains - Southwestern San Juan Mountains								
	02	1330MST 1750MST			0	0			Avalanche
	Three natural avalanches occurred near Red Mountain Pass. Portions of highway 550 were affected, covering the centerline with up to 2 feet of snow for a distance of 125 feet. Avalanche mitigation resulted in several more slides hitting the roadway, including a large avalanche just above Chattanooga that buried the highway with over 12 feet of compacted snow. A number of temporary road closures took place as debris was cleared.								
COZ004>005-010-013	Elkhead And Park Mountains - Upper Yampa River Basin - Gore And Elk Mountains/Central Mountain Valleys - Flattop Mountains								
	04	0800MST			0	0			Winter Weather
	05	1400MST							
	Snowfall amounts of 5 to 9 inches were measured across the northern and some central mountain areas of western Colorado, as well as the Upper Yampa River Basin. Locally higher amounts included 14 inches at the Tower SNOTEL located in the Park Range. Frequent wind gusts of 25 to 40 mph occurred across the mountains. Locally higher gusts included 72 mph at Aspen Highlands Ski Area and 59 mph at the Storm Peak Lab.								
COZ004-009>010-012>013-018	Elkhead And Park Mountains - Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Flattop Mountains - Northwestern San Juan Mountains								
	15	0000MST			0	0			Winter Weather
	16	1200MST							
	Snowfall of 5 to 11 inches was measured across the majority of the mountains of western Colorado. Frequent wind gusts of 30 to 60 mph created blowing and drifting snow. Locally stronger wind gusts of 70 to 98 mph were clocked at various RAWS sites and ski areas.								
COZ009>010-012-017>019	Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Uncompahgre Plateau And Dallas Divide - Northwestern San Juan Mountains - Southwestern San Juan Mountains								
	15	1100MST 2000MST			0	0	30K		Strong Wind
	A strong southwest flow ahead of a cold front produced sustained winds of 25 to 50 mph with gusts from 55 to 70 mph. Locally stronger gusts included 84 mph at the top of Snowmass Ski Area, 96 mph at the top of Telluride Ski Area, and 108 mph on Eagle Mountain in the southwest San Juan Mountains. Numerous trees were blown down and some ski areas had to remove downed trees from the slopes. A few power outages were reported across the area.								
COZ011	Central Gunnison And Uncompahgre River Basin								
	15	1100MST 1530MST			0	2			Wildfire
	Strong winds ignited a wildfire northwest of Olathe in the Dry Creek area. Wind gusts around 60 mph blew ash from a smoldering pile of debris into nearby grasses, igniting them. The fire quickly spread and crossed from Montrose County into Delta County. At least 12 structures were reportedly threatened. Flame lengths from 30 to 50 feet were observed. The fire lapped at the side of some homes, singed lawns, and crept under some porches. Although no structures were lost, 20 homes were evacuated as a precaution. It was estimated that between 600 and 1200 acres burned before the fire was contained. One fire fighter was treated for smoke inhalation and another suffered minor burns and smoke inhalation.								
COZ005	Upper Yampa River Basin								
	15	1600MST			0	0			Winter Weather
	16	1200MST							
	Around 5 inches of snow fell in the Steamboat Springs vicinity accompanied by frequent wind gusts of 20 to 30 mph.								
COZ002	Central Yampa River Basin								
	15	1700MST			0	0			Winter Weather
	16	1200MST							
	Around 3 inches of snow fell in the Craig, Hayden, and Meeker areas. Frequent wind gusts of 25 to 40 mph created blowing snow. A few wind gusts reached 50 to 55 mph.								
COZ019	Southwestern San Juan Mountains								
	17	0400MST			0	0			Winter Weather
	18	1400MST							
	A moist southwest flow produced 5 to 10 inches of snow across the southwest San Juan Mountains. Local snowfall amounts around 1 foot were measured just northeast of Pagosa Springs. Wind gusts of 20 to 40 mph with a few gusts near 60 mph created blowing and drifting snow.								
COZ023	San Juan River Basin								
	17	0800MST 1900MST			0	0			Heavy Snow
	Around 6 inches of snow fell in the Pagosa Springs area.								

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

COLORADO, West

COZ004-010-012>013 Elkhead And Park Mountains - Gore And Elk Mountains/Central Mountain Valleys - West Elk And Sawatch Mountains - Flattop Mountains

19	0000MST	0	0		Winter Weather
20	1300MST				

Widespread snow of 5 to 12 inches and wind gusts of 20 to 30 mph were measured across the northern and much of the central mountain areas of western Colorado. Locally higher snowfall amounts and wind gusts were reported. The Tower SNOTEL site in the Park Range indicated 22 inches of new snow, while a wind gust of 63 mph occurred at Salida Mountain near Monarch Pass.

COZ005 Upper Yampa River Basin

27	1200MST	0	0		Avalanche
	1201MST				

A three year old boy was buried for 4 to 8 minutes beneath three feet of heavy wet snow that slid off the slanted metal roof of a two story school building. The boy suffered a laceration to his forehead. Several people used shovels and their hands to help free the boy.

COZ018 Northwestern San Juan Mountains

28	1429MST	0	0		Avalanche
	1430MST				

Unseasonably warm temperatures and high elevation rainfall caused the snowpack to destabilize which resulted in several small avalanches on the north side of Red Mountain Pass. One of the slides deposited snow 2 feet deep for a distance of 30 feet across both lanes of Highway 550.

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

28	1600MST	0	0		Winter Weather
	2359MST				

A series of disturbances embedded in a relatively warm and moist southwest flow 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 the top of Snowmass Ski Area. This event carried over into March, and for a continuation please see the March 2006 Storm Data publication.

CONNECTICUT, Northeast

CTZ002>004 Hartford - Tolland - Windham

12	0400EST	0	0	30K	Winter Storm
	1630EST				

Low pressure centered off the Virginia coast intensified into a strong Noreaster as it tracked about 75 miles southeast of Nantucket Sunday afternoon, 12 February 2006. This strong Noreaster produced heavy snow and windy conditions across Hartford, Tolland, and Windham counties in Connecticut. The accumulating snow began around 4 AM and tapered off around 4 PM. Snowfall amounts generally ranged between 13 and 20 inches, with some locations reporting up to 27 inches of snow. 21.9 inches of snow fell at Windsor Locks, which breaks the previous record for the greatest snow amount from a snowstorm as well as the record daily maximum snow amount for the date at Windsor Locks. No known injuries directly resulted from this winter storm.

CTZ002 Hartford

17	1330EST	0	0	40K	High Wind (G58)
	1500EST				

A strong cold front swept across north central and northeast Connecticut during the afternoon of 17 February 2006. This cold front produced high winds that brought down trees, limbs, and wires down across Hartford county. More specifically, trees and wires were reported down in East Hartford, on Route 83 in Manchester, and on Dowd Street in Newington. No known injuries directly resulted from this high wind event.

CONNECTICUT, Northwest

CTZ001-013 Northern Litchfield - Southern Litchfield

12	0100EST	0	0		Heavy Snow
	1800EST				

On February 12, 4 to 12 inches of snow accumulated across northern Litchfield County, with amounts averaging around 10 inches. On February 12, an intensifying low pressure moved northward from just east of the northern mid Atlantic Coast to the Gulf of Maine during the evening. Very heavy snowfall occurred northwest of the low pressure center. The northern portion of this band of heavy snow covered northwestern Connecticut. Snowfall ranged from 4 inches in the northwest portion of northern Litchfield County to 16 inches in parts of southern Litchfield County.

CTZ013 Southern Litchfield

17	1105EST	0	0		High Wind (G60)
----	---------	---	---	--	------------------------

Trees were blown down in New Milford.

CTZ001 Northern Litchfield

17	1130EST	0	0		High Wind (G60)
----	---------	---	---	--	------------------------

Trees were blown down in Sharon.

At daybreak on February 17, an intensifying low pressure was over the St Lawrence Valley of New York. It traveled rapidly down the St Lawrence Valley. An associated cold front moved across western New England around noon. A strong pressure

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

CONNECTICUT, Northwest

gradient was over the region prior to, and after the cold frontal passage. Winds gusted at around 60 miles an hour in a few locations in Litchfield County. There were 2 reports of trees being blown down.

CONNECTICUT, Southern

CTZ005>008

Northern Fairfield - Northern New Haven - Northern Middlesex - Northern New London
12 0530EST 0 0 Heavy Snow
1000EST

An area of low pressure developed along the Gulf Coast states on Friday, February 10th, and began moving northeast toward the North Carolina coast during Saturday. The storm rapidly intensified as it moved northeastward just off the New England coast. Snow spread north across the area on Saturday from early to late afternoon. The snow fell steadily and heavily at times in many areas overnight Saturday and into Sunday morning, until the last band of heavy snow swept east of the area late Sunday afternoon.

During the event, many areas experienced very heavy snowfall rates, up to 3 to 4 inches per hour. As the strongest band of snow moved through the lower Hudson Valley and Western Connecticut, reports of "thundersnow" were received, which supported the very intense snowfall rates. The highest snowfall amounts occurred across the northern halves of Fairfield and New Haven counties with 20 to 30 inches; elsewhere, across southern Connecticut, 10 to 15 inches, with some areas up to 20 inches, were common.

Winds ranged from 10 to 20 mph with gusts to 30 mph across interior Southern Connecticut. Snow and blowing snow created near blizzard conditions with very hazardous driving conditions due to poor visibilities in many areas.

The following are select snowfall amounts across southern Connecticut::

Northern Fairfield County
 Range: 12 to 28 inches
 West Redding - 28 inches
 Danbury - 26 inches
 Monroe - 12 inches

Northern Middlesex County
 Range: 10 to 17 inches
 Durham - 17 inches
 East Haddam - 9.5. inches

Northern New Haven County
 Range: 11 to 25 inches
 Southbury and Wolcott - 25 inches
 Waterbury - 23 inches
 Meriden and Seymour - 21 inches

Northern New London County
 Range: 9 to 14 inches
 Norwich, Oakdale, and Voluntown - 14 inches

CTZ009>012

Southern Fairfield - Southern New Haven - Southern Middlesex - Southern New London
12 0700EST 0 0 Heavy Snow
1100EST

An area of low pressure developed along the Gulf Coast states on Friday, February 10th, and began moving northeast toward the North Carolina coast during Saturday. The storm rapidly intensified as it moved northeastward just off the New England coast. Snow spread north across the area on Saturday from early to late afternoon. The snow fell steadily and heavily at times in many areas overnight Saturday and into Sunday morning, until the last band of heavy snow swept east of the area late Sunday afternoon.

During the event, many areas experienced very heavy snowfall rates, up to 3 to 4 inches per hour. As the strongest band of snow moved through the lower Hudson Valley and Southwest Connecticut, reports of "thundersnow" were received, which supported the very intense snowfall rates. The highest snowfall amounts occurred across the northern halves of Fairfield and New Haven counties with 20 to 30 inches; elsewhere, across southern Connecticut, 10 to 15 inches, with some areas up to 20 inches, were common.

Winds ranged from 20 to 30 mph with gusts over 50 mph along the coast. Snow and blowing snow created near blizzard conditions with very hazardous driving conditions due to poor visibilities in many areas.

The following are select snowfall amounts across southern Connecticut:

Southern Fairfield 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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

CONNECTICUT, Southern

Range: 12 to 25 inches
North Stamford - 24.5 inches
Bridgeport - 12.5 inches

Southern Middlesex County
Range: 10 to 13 inches
Clinton - 12.5 inches
Old Saybrook - 11.3 inches

Southern New Haven County
Range: 11 to 18 inches
Cheshire - 18 inches
New Haven - 16 inches
Orange - 11 inches

Southern New London County
Range: 9 to 11 inches
East Lyme - 11 inches
Groton - 10.3 inches
Uncasville and Waterford - 9 inches

CTZ005>008-010

Northern Fairfield - Northern New Haven - Northern Middlesex - Northern New London - Southern New Haven

17	1255EST	0	0	High Wind (G54)
	1406EST			

A strong cold front moved through southern Connecticut during the late morning hours on Friday, February 17th. Southwest winds of 20 to 25 mph with gusts up to 30 mph ahead of the cold front were then followed by a period of very strong post-frontal westerly winds with gusts up to 65 mph during the early afternoon hours.

High wind gusts downed several trees, power lines, and wires across parts of Connecticut. Roads were closed at Seymour in New Haven County and along Route 66 in East Hampton of Middlesex County.

DELAWARE

DEZ001>004

New Castle - Kent - Inland Sussex - Delaware Beaches

12	0100EST	0	0	10K	Strong Wind
	1200EST				

The major winter storm also produced strong winds across Delaware. As the winter storm strengthened off the New Jersey Coast during the morning of February 12th, the winds increased across a good portion of the area. Some peak wind gusts from around the state include, 56 mph at Breakwater Harbor (Sussex County), 44 mph at the New Castle County Airport near Wilmington, and 40 mph at Dover Air Force Base (Kent County). These winds, coupled with falling snow created near whiteout conditions in many places during the height of the storm, and also downed some tree limbs and power lines across parts of the state. Some 17,589 Delmarva Power customers lost power in New Castle County, with several towns losing power in Kent and Sussex Counties (from Harbeson to Georgetown and Bridgeville, to name a few towns).

DEZ001>003

New Castle - Kent - Inland Sussex

12	0200EST	0	0	Winter Storm
	1300EST			

A major winter storm affected the northeastern United States, including the northern mid Atlantic region, during Saturday February 11th and Sunday February 12th. An area of low pressure developed along the Gulf Coast states on Friday February 10th, and began moving to the northeast toward the North Carolina coast during February 11th. The system rapidly intensified as it moved near the New Jersey coast and then toward the New England coast. Rain developed across central and southern Delaware, around 11 AM EST on Saturday February 11th. Snow overspread the rest of the region around 11 AM EST on Saturday from south to north. The precipitation initially was relatively light with temperatures either at or above freezing. The snow increased in intensity from northeast Maryland, across northern Delaware, eastern Pennsylvania and most of New Jersey around Midnight EST on Sunday the 12th. In Delaware, the heaviest snow started around 8 AM EST (on the 12th) from west to east. Even areas that saw rain to start, changed to snow during the mid to late morning hours on Sunday the 12th. The snow gradually ended from southwest to northeast around Noon EST on the 12th. During this strengthening storm, New Castle County experienced intense snowfall rates of 2 to 4 inches per hour. These intense snowfall rates mainly occurred during Sunday morning the 12th as the storm really intensified off the Delaware and southeast New Jersey Coasts. During the height of the storm Sunday morning the 12th, thunder and lightning occurred as the snow fell. The presence of this thundersnow just goes to show how energetic this storm became. Also, winds gusted to around 40 mph across the inland areas, with even higher gusts along the coast. The gusty winds, coupled with the falling and accumulated snow, produced near whiteout conditions along with drifting snow across a good portion of the area. The storm moved away from the region Sunday afternoon, allowing the accumulating snow to come to an end.

The winter storm caused several problems across the state. The combination of heavy snow and gusty winds during the height of

Storm Data and Unusual Weather Phenomena

February 2006

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

DELAWARE

the storm, produced extensive blowing and drifting particularly across the outlying areas. Some 17,589 customers lost power in New Castle County, with several towns losing power in Kent and Sussex Counties (from Harbeson to Georgetown and Bridgeville, to name a few towns) during the height of the storm, again which was due to a combination of heavy snow and gusty winds. Several accidents were reported across the entire state during the 11th and 12th, resulting in some injuries according to the State Police. During the evening of the 11th, Route 1 Northbound in Kent County (½ mile north of the Dover Toll Plaza) was shut down due to a vehicle accident. The Delaware Department of Transportation crews assisted in this accident clean-up. Also in Kent County on the night of the 11th, a vehicle went into a ditch at US Route 13 Southbound at Woodside. Due to the conditions worsening overnight (the 11th), the speed limit was reduced to 45 mph on 495 in New Castle County. During the 12th, the State Police received reports of traffic lights freezing over on Route 13 at 404, 40 and 404A in Sussex County. Also during the morning of the 12th, numerous transformers were blown out and wires were downed west of Route 13 from Smyrna to Wild Quail, along with power outages (all in Kent County), according to the State Police. Trash pick-up in Wilmington (New Castle County) was altered on the 13th and 14th due to the weekend winter storm.

The amount of snow that accumulated varied greatly across the state from south to north. New Castle County took the brunt of the snowfall with 15.5 inches falling in Hockessin, 14.4 inches at the New Castle County Airport in Wilmington, and 14.0 inches in Newark. In Kent County the snowfall amounts varied from 10.5 inches in Little Creek, 8.8 inches in Dover, 7.0 inches at the Dover Air Force Base, 5.0 inches in Greenwood and just 0.5 inches in Bridgeville (both in Sussex County).

DEZ003>004

Inland Sussex - Delaware Beaches

12	0600EST 0800EST	0	0	0	Coastal Flood
----	--------------------	---	---	---	---------------

The major winter storm that affected Delaware also caused some minor tidal flooding and beach erosion during the morning high tide on the 12th. The highest reported tide was 6.96 feet above mean lower low water at Breakwater Harbor (Sussex County). Minor tidal flooding begins at 6.7 feet above mean lower low water.

DEZ001>004

New Castle - Kent - Inland Sussex - Delaware Beaches

17	0700EST 1700EST	0	0	10K	Strong Wind
----	--------------------	---	---	-----	-------------

Very strong southwest winds preceded a cold front during the morning of the 17th in Kent and Sussex Counties. Throughout the state, strong west winds accompanied the cold front during the late morning and around Noon EST and persisted into the afternoon. Peak wind gusts averaged around 45 mph. Peak wind gusts included 47 mph at the Dover AFB (Kent County), 46 mph at the New Castle County Airport and 38 mph in Georgetown (Sussex County). The strong winds were caused by the pressure difference between an intensifying low pressure system that went northeast through the Saint Lawrence River Valley and a strong high pressure system that was building east from the Northern Plains.

DEZ001>004

New Castle - Kent - Inland Sussex - Delaware Beaches

24	0700EST 1700EST	0	0	10K	Strong Wind
----	--------------------	---	---	-----	-------------

The pressure difference between a low pressure system heading into the Canadian Maritimes and a high pressure system building east from the Great Lakes produced strong winds across Delaware. A cold front moved through the state between 1a.m. and 4 a.m. EST on the 24th and brought with it colder air. Winds increased behind the front during the daylight hours and peaked around Noon EST. Strongest winds included 45 mph in Sandtown (Kent County) and 43 mph at the New Castle County Airport. The gusty winds helped spread a shed fire quickly in Selbyville (Sussex County). The fire, which originated in a pump house shed, was caused by overheated wiring and spread quickly from the pump house to several other buildings and one boat.

DEZ001

New Castle

25	1800EST	0	0	5K	Strong Wind
26	0000EST				

For the second consecutive day, strong winds buffeted the northern part of Delaware. A cold front passed through the state early in the evening on the 25th and was followed by strong northwest winds for the rest of the evening as a high pressure system built southeast from Minnesota. The peak wind gust at the New Castle County Airport was 52 mph.

DISTRICT OF COLUMBIA

DCZ001

District Of Columbia

12	0430EST 0800EST	0	0	25K	Heavy Snow
----	--------------------	---	---	-----	------------

A historic snowstorm occurred on February 11-12 across the Mid-Atlantic. Total snowfall was 8 to 9 inches across the District of Columbia. There were reports of downed powerlines and scattered outages due to the heavy snowfall. Total power outages were reported to be around 300,000 customers around the Washington/Baltimore region. Amtrak reported major delays and cancellations all along the northeast rail corridor, which passes through Baltimore and Washington, DC. There were also major delays at all 3 major hub airports in the region, Washington Dulles International, Washington Ronald Reagan National, and Baltimore/Washington Thurgood Marshall International.

DCZ001

District Of Columbia

17	0900EST 1100EST	0	0	10K	Strong Wind
----	--------------------	---	---	-----	-------------

A strong cold front brought very strong and gusty winds to the Mid-Atlantic on February 17. Wind gusts up to 50 mph occurred

Storm Data and Unusual Weather Phenomena

February 2006

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

DISTRICT OF COLUMBIA

across the region. Scattered power outages occurred due to downed trees or powerlines.

DCZ001		District Of Columbia							
	23	0300EST 0800EST			0	0			Dense Fog

Areas of dense fog occurred during the early morning.

FLORIDA, East Central

NONE REPORTED.

FLORIDA, Extreme Southern

NONE REPORTED.

FLORIDA, Northeastern

Hamilton County									
5 SW Jennings	02	1800EST 2100EST			0	0			Heavy Rain

3.6 inches of rain recorded between noon and 21:00 with 3 inches falling between 18:00-21:00 EST. Spotter reported extensive ponding on area roadways, drainage ditches overflowing and minor flooding of dirt secondary roads and farmland. Some erosion took place in drainage ditches and travel on dirt roads was difficult.

Nassau County									
Hilliard	02	1855EST 1905EST			0	0	10K		Thunderstorm Wind (G45)

A thunderstorm wind gust knocked over a pine tree which struck a house causing minor damage. A few other pines fell over locally with no further damage or injuries reported.

Marion County									
Lynne	03	1705EST			0	0			Hail (1.00)

Marion County									
Lynne	03	1711EST			0	0	1K		Hail (1.75)

The hail cracked a car windshield.

Hamilton County									
10 W Jasper	03	1743EST			0	0			Hail (1.00)

Large hail was reported in Crossroads.

Suwannee County									
5 S Suwannee Spgs	03	1800EST			0	0			Hail (0.75)

Hamilton County									
10 W Jasper	03	1804EST			0	0			Hail (1.75)

Clay County									
8 NE Keystone Hgts	03	1825EST			0	0			Hail (1.00)

Alachua County									
5 W Gainesville	03	1845EST			0	0			Hail (0.88)

Hamilton County									
2 N Jasper	03	1850EST			0	0			Hail (1.00)

Quarter size hail was reported along highway 129, north of Jasper.

Clay County									
10 NE Keystone Hgts	03	1858EST			0	0			Hail (1.75)

Bradford County									
Sampson City	03	1912EST			0	0			Hail (0.75)

Bradford County									
Lawtey	03	1912EST			0	0			Hail (0.75)

Suwannee County									
2 E Dowling Park	03	1937EST			0	0			Hail (1.00)

Suwannee County									
Live Oak	03	1940EST			0	0			Hail (0.75)

Union County									
Lake Butler	03	1948EST			0	0			Hail (0.75)

Union County									
Countywide	03	1948EST			0	0			Hail (0.75)

Law enforcement received reports of penny size hail across the entire county.

Storm Data and Unusual Weather Phenomena

February 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>FLORIDA, Northeastern</u>									
Suwannee County									
Live Oak	03	1949EST			0	0			Hail (0.88)
Bradford County									
New River	03	2000EST			0	0			Thunderstorm Wind (G50)
Several trees were blown down in New River along State Road 100, halfway between Starke and Lake Butler.									
Baker County									
Macclenny	03	2005EST			0	0			Hail (1.00)
Hailed for five minutes.									
Suwannee County									
2 N Live Oak	03	2006EST			0	0			Funnel Cloud
A funnel cloud was spotted at the junction of highways 129 and 136 north of Live Oak.									
Baker County									
Macclenny	03	2009EST			0	0			Hail (1.00)
Columbia County									
2 N Lake City	03	2014EST			0	0			Hail (0.88)
The hail occurred along highway 441, just north of Lake City.									
Baker County									
Macclenny	03	2030EST			0	0			Hail (1.75)
Nassau County									
Callahan	03	2040EST			0	0			Hail (1.75)
Putnam County									
5 N Palatka	03	2110EST			0	0			Heavy Rain
Federal Point Co-op observer measured 2.72 inches of rain in 24 hours.									
FLZ025									
Duval									
17	02	0200EST			1	7			Dense Fog
Twenty (20) vehicle chain reaction accident on Interstate 295 between U.S. highway 1 (Kings Highway) and Prichard road. Accident occurred near 02:00 EST when a truck stopped in the roadway due to rapidly reduced visibility due to fog. Other vehicles impacted the truck resulting in the pile up and closing the roadway for several hours. Dense fog with visibilities near one quarter (1/4) of a mile were reported across the Jacksonville west and north side. A Dense Fog Advisory was in effect at the time of the accident. Sandrik F?VE									
Flagler County									
3 N Bunnell	26	0355EST			0	0	2K		Thunderstorm Wind (G45)
Live oak tree blown down onto the road way at Fernwood Lane and Fleetwood Drive.									
<u>FLORIDA, Northwest</u>									
Leon County									
Tallahassee	02	1700EST			0	0			Hail (0.88)
Nickel size hail reported by a SKYWARN storm spotter at the intersection of Blairstone and St. Augustine Roads.									
Jefferson County									
5 S Monticello	02	1715EST			0	0			Hail (0.88)
Nickel size hail reported by the public on Interstate 10.									
Leon County									
Countywide	02	1700EST 1800EST			0	0			Flash Flood
Two to four inches of rain in two hours, with nearly one inch in a 5-minute period at the Bloxham Cutoff gage. Several county roads and low-lying areas were flooded. Reported by Leon County officials.									
Leon County									
Tallahassee	02	1700EST			0	0	10K		Lightning
Lightning struck an unoccupied mobile home. Reported by the Tallahassee Democrat.									
Leon County									
Tallahassee	02	1700EST			0	0			Hail (0.88)
Nickel size hail reported at the corner of Blairstone and St. Augustine Road by a SKYWARN storm spotter.									
Leon County									
West Portion	02	1700EST 1800EST			0	0			Flash Flood
A county official reported nearly four inches of rain in less than an hour which flooded several county roads.									

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

FLORIDA, Northwest

Jefferson County									
5 S Monticello	02	1720EST			0	0			Hail (0.88)
Nickel size hail reported by the public on Interstate 10.									
Wakulla County									
Sopchoppy	03	1745EST			0	0			Hail (1.00)
Quarter size hail reported by the public.									
Wakulla County									
7 SE Crawfordville	03	1802EST			0	0			Hail (0.88)
Nickel size hail reported by the public two miles east of Wakulla High School on U.S. Highway 98.									
Wakulla County									
10 SE Wakulla	03	1803EST			0	0			Hail (0.88)
Nickel size hail reported by the public at Ochlockonee State Park.									
Franklin County									
East Pt	03	1805EST			0	0			Hail (1.75)
Golfball size hail reported by the Franklin County Sheriff and the public.									
Leon County									
Chaires	03	1820EST			0	0			Hail (1.75)
Golfball size hail reported by a WTXL-TV meteorologist.									
Leon County									
10 E Tallahassee	03	1820EST			0	0			Hail (1.00)
Quarter size hail reported by the public at WW Kelly Road and Apalachee Parkway.									
Leon County									
7 SE Tallahassee	03	1835EST			0	0			Hail (1.75)
Golfball size hail reported by a WTXL-TV meteorologist.									
Jefferson County									
10 W Monticello	03	1928EST			0	0			Hail (1.75)
Golfball size hail reported by the public.									
Madison County									
Madison	03	1940EST			0	0			Hail (1.75)
Golfball size hail reported by the public.									
Madison County									
Cherry Lake to Pinetta	03	1950EST 1955EST			0	0	100K		Hail (1.75)
Golfball size hail caused extensive damage to a home and destroyed lawn furniture at Cherry Lake. It also dented several vehicles and cracked windshields. Reported by a HAM radio operator and the Madison County Carrier.									

FLORIDA, Southern

Collier County									
Golden Gate	03	2150EST			0	0	60K		Heavy Rain
Heavy rains caused roofs to collapse on 2 homes in Golden Gate. No injuries were reported.									
Broward County									
3 W (Fl)Ft Laudrdl In	04	0040EST			0	0			Hail (0.88)
Public reported nickel size hail near the intersection of Interstate 595 and State Road 7.									

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

FLORIDA, Southern

FLZ063-066>067-070	Glades - Hendry - Inland Palm Beach - Inland Collier				0	0			Frost/Freeze
		14 0100EST							
		0745EST							

Arctic high pressure settled over Florida on February 13th, and set the stage for a significant freeze and frost event over interior sections of South Florida overnight into early morning on the 14th. This was the second freeze to affect this area in 2006, the first being on January 8th.

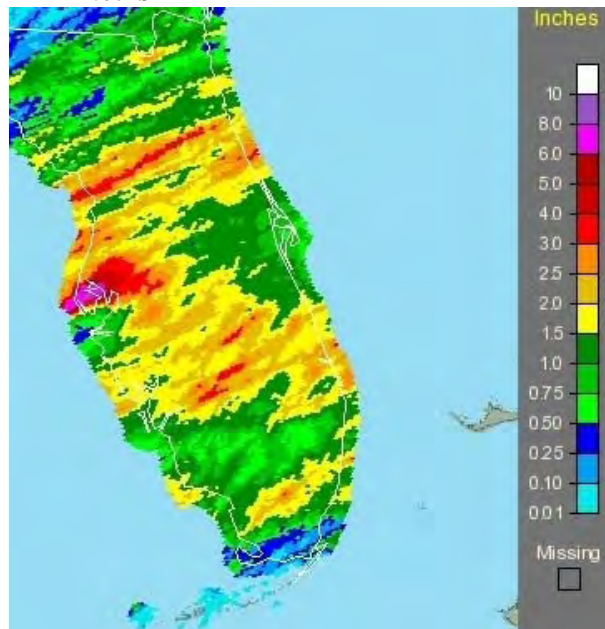
Lowest official temperature readings were 28 at Immokalee, 29 at Palmdale, Belle Glade and Labelle, 30 at Ortona and Clewiston and 31 at South Bay and Big Cypress. Naples Municipal Airport reported a low of 34 degrees, 1 degree shy of a record for the date, and the Homestead Extension Office reported a low of 35 degrees at 2 ft. Unofficial readings from farms outside of Belle Glade registered temperatures in the mid 20s. Many of these temperature readings were the coldest since January 5th, 2001, with a few locations being the coldest since January 24th, 2003.

Damage to crops was extensive, particularly to the corn and green bean crop in Western Palm Beach County. Estimated losses in this area were in the 80 to 90 percent range for green beans and 70 to 80 percent range for corn. Leafy vegetable crop damage was less, estimated at 15 to 30 percent. The corn and green bean crop is estimated to be worth at least \$50 million. This is the second devastating freeze to the corn and bean crop in Western Palm Beach County in 2006, which followed damage caused by Hurricane Wilma in October 2005.

The citrus crop in Southwest Florida fared quite well with no significant damage noted. Some damage to tomato crops were noted in Immokalee, but was not widespread.

FLORIDA, West Central

Pinellas County									
Madeira Beach to		03 1100EST			0	0	2M		Flash Flood
6 NE Pinellas Park		1530EST							
Hillsborough County									
(Tpa)Tampa Intl Arpt t	03	1230EST			0	1	100K		Flash Flood
Temple Terrace		1530EST							



Composite image of 1-Day Doppler Radar Estimated Precipitation totals ending at 7 AM, February 4. Areas in purple in the Tampa Bay area received 8 to 11 inches of rain.

The combination of tropical moisture flowing into a line of thunderstorms and an approaching upper level disturbance allowed a train of intense thunderstorms to repeatedly cross over parts of the Tampa Bay area. Between 8 and more than 11 inches of rain fell in roughly a five hour period in a five mile wide stripe extending from Madeira Beach northeast through Pinellas Park, then across Old Tampa Bay to west Tampa, including Tampa International Airport. The area of heaviest rain was so concentrated that downtown St. Petersburg, less than 10 miles away, recorded less than an inch of rain during the same period.

The torrential rains caused flash flooding in the areas where more than 8 inches fell. The flash flooding prompted the mayor of St.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

FLORIDA, West Central

Petersburg to term the event a "hundred year flood". In Lealman, an entire mobile home community was evacuated, and at least 60 of the homes were flooded. A partial roof collapse was reported at a big box store in St. Petersburg. Water pouring into the store washed out several cash register stands and injured one employee as they were washed into the parking lot. Another roof collapsed at Treasure Island. Hundreds of vehicles were stranded by the flood waters.

Pinellas County Rain Reports

Pinellas Park (Upper Highlands Canal): 11.17 inches
 Saint Petersburg/Clearwater International Airport: 8.20 inches
 Seminole: 7.01 inches
 Largo: 6.44 inches
 Clearwater: 5.81 inches

Hillsborough County Rain Reports

Tampa International Airport: 8.24 inches
 Citrus Park: 6.90 inches
 Thonotosassa: 4.35 inches

Polk County

4 E Lake Wales 03 1420EST 0 0 Hail (1.00)

Hail dinged a metal porch roof but did not damage vehicles in the yard.

Sumter County

Oxford 03 1640EST 0 0 Hail (0.88)

A train SKYWARN Spotter reported nickel size hail in Oxford.

Sarasota County

1.5 SE Venice 04 0230EST 0 0 230K Lightning

Lightning started an attic fire and destroyed a home on Sugarwood Way.

Hernando County

5 N Spring Hill 04 0600EST 0 0 10K Thunderstorm Wind (G50)

Thunderstorm wind gusts damaged part of a roof at a Yacht Club on Hernando Beach.

FLORIDA, West Panhandle

NONE REPORTED.

GEORGIA, East Central

NONE REPORTED.

GEORGIA, Lower

Ware County

Waycross 02 1520EST 0 0 Funnel Cloud
1530EST

Law enforcement/sheriff's office described a circular motion in the clouds (wall cloud) beginning to develop a funnel. This funnel never completely developed but was about 100 feet above the ground, A second funnel was reported about 15:30. There were unconfirmed reports of a brief touchdown; however, no damage occurred and it is likely the rotation was close to but remained above the ground.

Ware County

Waycross 02 1700EST 0 0 Heavy Rain
1900EST

Heavy rainfall caused localized roadway flooding near the high school.

Echols County

Countywide 02 1700EST 0 0 Heavy Rain
2100EST

Heavy rainfall caused ponding and localized flooding on roadways. Motorists reported difficulty with travel and hydroplaning. Local media reports of 5.2 inches of rain in Statenville.

Camden County

Clarks Bluff 02 1750EST 0 0 25K Thunderstorm Wind (G50)

Trees down on power lines on Sherry Lane in Clarks Bluff.

Charlton County

Racepond 03 1900EST 0 0 Hail (1.00)

Large hail covered the ground along an 8 mile stretch from Race Pond to Uptonville.

Charlton County

Folkston 03 2040EST 0 0 Hail (1.00)

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

GEORGIA, Lower

Clinch County

5 N Homerville **03 2050EST** **0 0** **Hail (0.88)**
 Large hail was reported at Cogdell.

Clinch County

11 S Homerville **03 2100EST** **0 0** **Thunderstorm Wind (G50)**
 A spotter reported several trees blown down.

Glynn County

5 NW Brunswick **03 2105EST** **0 0** **Hail (0.75)**
 The hail was reported in Sterling, on the northwest side of the Brunswick metro area.

Camden County

10 W Kingsland **03 2110EST** **0 0** **Hail (0.75)**
 The hail was observed in Browntown along county road 40, west of Kingsland.

GEORGIA, North and Central

Cherokee County

**3 W Woodstock to
1 S Buffington** **04 0100EST** **0 0 10K** **Hail (1.00)**

The Cherokee County Emergency Management Director and the public reported penny to quarter-sized hail on the west, north, and east side of Woodstock, including the Buffington area. Hail reports were received from three miles west of Woodstock to one mile south of Buffington. Minor to moderate damage was reported to vehicles throughout the area.

GAZ001>009-

012>016-019>025-

027-030-032-034>035-

041>043-045

Dade - Walker - Catoosa - Whitfield - Murray - Fannin - Gilmer - Union - Towns - Gordon - Pickens - Dawson - Lumpkin - White - Floyd - Bartow - Cherokee - Forsyth - Hall - Banks - Jackson - Madison - Polk - Cobb - Gwinnett - Barrow - Haralson - Carroll - Douglas - De Kalb

06 0400EST **0 0** **Winter Weather**
2300EST

Light amounts of sleet and, in a few of the higher elevations, snow spread across the area. The bulk of the precipitation fell during the early morning hours between 4 am EST and 8 am EST. Temperatures across the area were mostly in the mid to upper 30s at the onset of the precipitation and had been in the 50s and 60s in prior days. Thus, accumulations of snow were limited mainly to the higher elevations of the northeast Georgia mountains, mainly for elevations above 3000 feet near the Lumpkin, Union, White county borders, where 1.0 to 2.0 inches of snow were reported. Patchy slick spots developed during the early morning hours on a few roads, mainly in the far northern counties. Patchy ice was reported on some of the bridges and overpasses on the north and west side of Atlanta during the early morning hours as well. A few roads in the northeast Georgia mountains were closed, but mainly as a precaution. The most snow reported was 2.0 inches at Suches in southern Union county, with 1.0 inch of snow reported at Ellijay in Gilmer county. Elsewhere...further south and west to near I-85 and I-20 west of Atlanta, just light trace amounts of sleet and snow were reported, with isolated locations in the northwest reporting up to 0.5 inch of sleet and snow.

GAZ008>009

Union - Towns

06 1900EST **0 0** **Winter Weather**
2300EST

A secondary area of winter precipitation passed across the extreme northeast Georgia mountain counties of Union and Towns. Additional snow and sleet of 0.5 to 1.0 inch fell during the evening hours in these counties causing roads to become slick in several locations. By this time, temperatures had dropped to near 32F in much of this area. The most significant ice and snow with this second round of precipitation was observed in the Hiawassee and Yong Harris area.

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

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

GEORGIA, North and Central

GAZ001>009-013>016-021>022	White - 1.00 inch								
	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. 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
 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

GAZ021-032>033-045	Cherokee - Cobb - North Fulton - De Kalb								
	13	0000EST			0	0			Winter Weather
		13	0500EST						

Light snow showers spread across the north Atlanta metropolitan area during the early morning hours. This left a dusting to a light coating of snow on some bridges, overpasses, and a few roads, mainly across Cobb and De Kalb counties. A few patches of ice were even reported on Interstate-20 in De Kalb county.

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.

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.

GEORGIA, Northeast

Rabun County 2 SW Dillard	GAZ010								
	04	0230EST			0	0			Thunderstorm Wind (G50)
	Trees and power lines down around Rabun Gap. There were also other non-specific reports of trees and power lines down across the county.								
GAZ010	Rabun								
	11	0200EST			0	0			Winter Weather
		11	1000EST						

Light snow developed across the mountains of extreme northeast Georgia. Total accumulations generally ranged from 1-4 inches in the lower elevations, with some 5-7 inch amounts in the higher elevations.

Storm Data and Unusual Weather Phenomena

February 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>GEORGIA, Southeast</u>									
Mcintosh County									
Darrien	03	2110EST 2113EST			0	0			Hail (1.75)
			Golfball size hail fell at the Georgia Islands Factory Shoppes along Interstate 95.						
<u>GEORGIA, Southwest</u>									
Lowndes County									
Valdosta	02	1500EST 1800EST			0	0	150K		Flood
			Three to five inches of rain Thursday afternoon flooded several intersections and low-lying areas. The heavy rains caused the roof of a video store to collapse. There was extensive damage and a portion of the building will have to be rebuilt. Reported by the Valdosta Daily Times.						
Lowndes County									
Clyattville	03	1945EST			0	0			Hail (1.75)
			Golfball size hail reported by the public.						
Lowndes County									
5 S Valdosta	03	1957EST			0	0			Hail (0.75)
			Penny size hail reported by an NWS employee.						
Lowndes County									
Clyattville	03	2008EST			0	0			Hail (1.75)
			Golfball size hail reported by the public.						
<u>GULF OF MEXICO</u>									
Lake Ponchartrain And Lake Maurepas									
3 W Lkfrnt Arpt New Lkfrnt Arpt New	02	0246CST			0	0			Waterspout
			A tornado moved offshore the Lakefront area of New Orleans into Lake Pontchartrain.						
Sw Pass Of The Ms R To Atchafalaya R La Out 20Nm									
20 S Venice	02	0453CST			0	0			Marine Tstm Wind
Pascagoula Ms To Sw Pass Of Ms R Out 20Nm									
22 SSE Biloxi	02	0505CST			0	0			Marine Tstm Wind
Pascagoula Ms To Sw Pass Of Ms R 20 To 60Nm									
45 E Venice	02	0656CST			0	0			Marine Tstm Wind
Suwannee R To Apalachicola FI Out 20Nm									
5 SE Apalachicola to 7 ESE Apalachicola	02	1350EST 1353EST			0	0	25K		Waterspout
			A waterspout moved northeast across Apalachicola Bay and destroyed seven utility poles which disrupted power to more than 2,000 customers on St. George Island. Three 1.8 megawatt generators were delivered to the island to restore power. Reported by the Franklin County EMA.						
Chokoloskee To Bonita Beach FI Out 20Nm									
20 E Marco Island	03	2020EST			0	0			Marine Tstm Wind
			A wind gust to 49 knots (56 mph) was recorded at the Everglades City HANDAR station. Quarter-inch hail was also reported in Chokoloskee just to the south.						
Florida Bay									
6 ENE Duck Key	04	1437EST			0	0			Marine Tstm Wind
			Wind gust 34 knots (39 mph) measured at Long Key C-MAN Station.						

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

GULF OF MEXICO

**Craig Key To The W
End Of The 7 Mile
Bridge Out 20Nm
6 SSW Marathon**

04 1447EST **0 0** **Marine Tstm Wind**
 Wind gust 48 knots (55 mph) measured at Sombrero Key Light C-MAN station at a height of 158 feet above sea level.

**Ocean Reef To Craig
Key Fl Out 20Nm
8 SSE Key Largo**

04 1458EST **0 0** **Marine Tstm Wind**
 Wind gust 40 knots (46 mph) measured at Molasses Reef C-MAN station.

**Ocean Reef To Craig
Key Fl Out 20Nm
8 SSE Key Largo**

04 1547EST **0 0** **Marine Tstm Wind**
 Wind gust 34 knots (39 mph) measured at Molasses Reef C-MAN station.

**Matagorda Bay
Port O'Connor**

10 1724CST **0 0** **Marine Tstm Wind**
 Measured at Port O'Connor PORTS.

**High Is To Freeport
Tx Out 20Nm**

10 1733CST **0 0** **Marine Tstm Wind**
 Measured at Jamaica Beach.

**Freeport To
Matagorda Ship Chnl
Out 20Nm**

10 1736CST **0 0** **Marine Tstm Wind**
 Measured at Port O'Connor PORTS.

**Galveston Bay
North Jetty**

10 1736CST **0 0** **Marine Tstm Wind**
 Measured at North Jetty PORTS.

**Freeport To
Matagorda Ship Chnl
Out 20Nm**

10 1754CST **0 0** **Marine Tstm Wind**
 Measured at Port O'Connor PORTS.

**High Is To Freeport
Tx Out 20Nm**

10 1850CST **0 0** **Marine Tstm Wind**
 Measured at Buoy 42035.

**Matagorda Ship Chnl
To Pt Aransas Out
20Nm**

**10 1823CST
1830CST** **0 0** **Marine Tstm Wind**

**Pt O'Connor To
Aransas Pass**

**10 1823CST
1830CST** **0 0** **Marine Tstm Wind**

A line of thunderstorms from Magnolia Beach to Bayside moved through the bays and nearshore waters, producing wind gusts to 38 KT at the Port O'connor TCOON site and at the PTAT2 CMAN.

HAWAII

**HIZ001>003-
006>008-012>013-
017-019>020-023-026**

**Niihau - Kauai Windward - Kauai Leeward - Waianae Coast - Oahu North Shore - Oahu Koolau - Molokai
Windward - Molokai Leeward - Maui Windward West - Maui Central Valley - Windward Haleakala - Kona -
Kohala** **02 0500HST
03 1800HST** **0 0** **High Surf**

A strong low northwest of the Aloha State generated surf of 16 to 22 feet along the north-facing shores of Niihau, Kauai, Oahu, Molokai, and Maui; 8 to 12 feet along the west-facing shores of Niihau, Kauai, Oahu, and Molokai; and 4 to 8 feet along the west-facing shores of the Big Island of Hawaii. There were no reports of serious property damage or injuries.

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
<u>HAWAII</u>									
HIZ001>003-006>008-012>013-017-019>020-023-025>026			Niihau - Kauai Windward - Kauai Leeward - Waianae Coast - Oahu North Shore - Oahu Koolau - Molokai Windward - Molokai Leeward - Maui Windward West - Maui Central Valley - Windward Haleakala - Kona - Big Island North And East - Kohala						
	05	0200HST			0	0			High Surf
	11	1800HST							
	A storm low far northwest of the islands produced surf of 15 to 30 feet along the north-facing shores of Niihau, Kauai, Oahu, Molokai, and Maui; 10 to 20 feet along the west-facing shores of Niihau, Kauai, Oahu, and Molokai; 15 to 20 feet along the north-facing shores of the Big Island of Hawaii; and 6 to 10 feet along the west-facing shores of the Big Island. On the 5th of the month, lifeguards on the north shore of Oahu rescued 50 surfers as they struggled in the rough conditions. However, no serious injuries or property damage were reported.								
Honolulu County									
Laie to Kailua	15	1932HST			0	0			Heavy Rain
		2222HST							
	Heavy showers caused small stream and drainage ditch flooding, and ponding of roadways in windward sections of Oahu. There were no reports of serious property damage or injuries.								
Kauai County									
4.5 WNW Hanalei to Princeville	15	2300HST			0	0			Heavy Rain
	16	0100HST							
	Heavy showers over northern parts of Kauai produced ponding on roadways, and small stream and drainage ditch flooding. No serious injuries or property damage were reported.								
HIZ002-008>009-012-017-020-025			Kauai Windward - Oahu Koolau - Olomana - Molokai Windward - Maui Windward West - Windward Haleakala - Big Island North And East						
	18	1200HST			0	0			High Surf
	20	1700HST							
	A gale low far northeast of the state caused surf of 6 to 12 feet along the east-facing shores of Kauai, Oahu, Molokai, Maui, and the Big Island of Hawaii. No serious property damage or injuries were reported.								
Honolulu County									
Kahuku to Maunawili	19	0109HST			0	0			Heavy Rain
		2305HST							
	Heavy showers caused small stream and drainage ditch flooding, and ponding of roadways in windward areas of Oahu. There were no reports of serious property damage or injuries.								
Kauai County									
Anahola to Lihue	19	2134HST			0	0			Heavy Rain
		2226HST							
	Heavy showers over eastern sections of Kauai produced ponding on roadways, and small stream and drainage ditch flooding. No serious injuries or property damage were reported.								
Kauai County									
4.5 WNW Hanalei to Princeville	20	0214HST			0	0			Heavy Rain
		0512HST							
	Heavy showers caused small stream and drainage ditch flooding, and ponding on roadways in northern areas of the Garden Isle of Kauai. No serious property damage or injuries were reported.								
Kauai County									
Kapaa to Lihue	20	0651HST			0	0			Heavy Rain
		0933HST							
	Heavy showers in eastern parts of Kauai produced ponding of roadways, and small stream and drainage ditch flooding. There were no reports of serious injuries or property damage.								
Honolulu County									
Kahuku to Kailua	20	1149HST			0	0			Heavy Rain
		1447HST							
	Heavy showers caused small stream and drainage ditch flooding, and ponding of roadways in windward sections of Oahu. No serious injuries or property damage were reported.								
Kauai County									
Hanalei to Hanapepe	20	1622HST			0	0			Heavy Rain
		2236HST							
	Heavy showers, which impacted the eastern half of Kauai, produced ponding on roadways, and small stream and drainage ditch flooding. There were no reports of serious property damage or injuries.								
Kauai County									
Hanalei to Koloa	21	0051HST			0	0			Flash Flood
		1132HST							
	Heavy showers and isolated thunderstorms caused flash flooding over northern and southern parts of Kauai. The heavy rain caused								

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
<u>HAWAII</u>									
Kauai County Countywide	21	1137HST 1654HST			0	0			Heavy Rain
the Hanalei River to rise rapidly and wash over the Hanalei Bridge. This forced the closure of Kuhio Highway near Hanalei for most of the day on the 21st. In the southern part of the isle near Koloa, two homes were damaged as the Waikomo Stream overflowed its banks. Damage estimates were not available. There were no serious injuries reported.									
Honolulu County Kaaawa to Kalihi	21	1730HST 2150HST			0	0			Flash Flood
Heavy showers and isolated thunderstorms produced small stream and drainage ditch flooding, and ponding on roadways over most of the Garden Isle of Kauai. There were no reports of serious property damage or injuries.									
Maui County Halawa Valley	21	1751HST 2015HST			0	0			Heavy Rain
Heavy showers and isolated thunderstorms produced ponding on roadways, and small stream and drainage ditch flooding in eastern parts of Molokai. There were no reports of serious property damage or injuries.									
Maui County Kipahulu to Hana	21	1909HST 2215HST			0	0			Heavy Rain
Heavy showers and isolated thunderstorms in southeastern and eastern sections of East Maui caused small stream and drainage ditch flooding, and ponding of roadways. No serious injuries or property damage were reported.									
Honolulu County Makaha to Mililani Town	21 22	2347HST 0242HST			0	0			Heavy Rain
Heavy showers and isolated thunderstorms over the western half of Oahu brought small stream and drainage ditch flooding, and ponding of roadways. However, there were no reports of serious property damage or injuries.									
Maui County Maunaloa to Kalaupapa	22	0333HST 0515HST			0	0			Heavy Rain
Heavy showers and isolated thunderstorms produced ponding on roadways, and small stream and drainage ditch flooding over the western two thirds of Molokai. No serious injuries or property damage were reported.									
Maui County Hana to Olowalu	22	0519HST 0739HST			0	0			Heavy Rain
Heavy showers and isolated thunderstorms over the southern half of Maui caused small stream and drainage ditch flooding, and ponding on roadways. There were no reports of serious injuries or property damage.									
HIZ002-008>009-012-017-020-025	Kauai Windward - Oahu Koolau - Olomana - Molokai Windward - Maui Windward West - Windward Haleakala - Big Island North And East								
	23 24	0600HST 0200HST			0	0			High Surf
A gale low far northeast of the state generated surf of 6 to 10 feet along the east-facing shores of Kauai, Oahu, Molokai, Maui, and the Big Island of Hawaii. For a time on the morning of the 23rd, the higher surf forced the closure of one lane on Bayfront Drive in the Hilo Harbor area. However, no serious property damage or injuries were reported.									
Kauai County Koloa to Kilauea	23	0954HST 1515HST			0	0			Heavy Rain
Heavy showers and isolated thunderstorms brought small stream and drainage ditch flooding, and ponding of roadways over the eastern quarter of Kauai. No serious property damage or injuries were reported.									
Honolulu County Kaneohe to Hawaii Kai	24	0240HST 0820HST			0	0			Heavy Rain
Heavy showers caused ponding of roadways, and small stream and drainage ditch flooding over eastern parts of Oahu. There were no reports of serious property damage or injuries.									
HIZ002-008>009-012>013-017-019>020-025	Kauai Windward - Oahu Koolau - Olomana - Molokai Windward - Molokai Leeward - Maui Windward West - Maui Central Valley - Windward Haleakala - Big Island North And East								
	27 28	0800HST 2359HST			0	0			High Surf

Storm Data and Unusual Weather Phenomena

February 2006

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

HAWAII

A low far northeast of the state produced surf of 6 to 10 feet along the east-facing shores of Kauai, Oahu, Molokai, Maui, and the Big Island of Hawaii. No serious property damage or injuries were reported.

IDAHO, Extreme Southeast

NONE REPORTED.

IDAHO, North

IDZ005>006

Northern Clearwater Mountains - Southern Clearwater Mountains

01	0100MST	0	0	Winter Storm
	1800MST			

4 to 8 inches of snow fell mainly over the higher elevations of the Clearwater Mountains. Gusty westerly winds at 20 to 30 mph, with some gusts measuring 56 mph, accompanied the snow.

IDZ005

Northern Clearwater Mountains

04	1100MST	0	0	Heavy Snow
05	1100MST			

10 to 12 inches of snow fell over the higher terrain of the Northern Clearwater Mountains.

IDZ009>010

Western Lemhi County - Eastern Lemhi County

16	1200MST	0	0	Extreme Cold/Wind Chill
17	1200MST			

Strong winds combined with arctic air flooding in from the north caused extremely cold wind chills across Lemhi County Idaho. Wind chill values of -20 to -30 degrees were observed.

IDZ005>006

Northern Clearwater Mountains - Southern Clearwater Mountains

23	0800MST	0	0	Heavy Snow
24	0800MST			

9 to 17 inches of snow fell over the higher elevations of the Clearwater Mountains with 4 to 8 falling over the valleys.

IDAHO, Northwest

IDZ001-004

Northern Panhandle - Central Panhandle Mountains

01	0000PST	0	0	Winter Storm
	0400PST			

A Pacific winter storm moved through northern Idaho during the day of the 31st of January and into the early morning hours of the 1st of February. The storm brought heavy snow to the mountain locations above 3000 feet with 8 to 10 inches being reported. Schwitzer Mountain reported 9 inches of new snow while Lookout Pass ski resort reported 10 inches.

IDZ004

Central Panhandle Mountains

14	0500PST	0	0	Heavy Snow
	1500PST			

A weak Pacific storm brought heavy snow to the Silver Valley during the day of the 14th. Newspaper reports indicated 4 inches of new snow fell around the town of Kellogg, Idaho.

IDZ001-004

Northern Panhandle - Central Panhandle Mountains

22	1400PST	0	0	Winter Storm
24	0100PST			

A Pacific storm system moved through northern Idaho during the afternoon hours of the 22nd and well into the 23rd. The storm brought heavy snow and strong winds to the mountains above 4000 feet of northern Idaho with 8 to 12 inches reported.

IDAHO, Southeast

IDZ025

Wasatch Mountains/Idaho Portion

15	0100MST	0	0	Heavy Snow
	1600MST			

Heavy snow fell in Bear Lake County with 12 inches in Bloomington, 13 inches at Fishhaven and 6 inches at Montpelier.

IDZ019>020

Upper Snake Highlands - Upper Snake River Plain

17	0000MST	0	0	Extreme Cold/Wind Chill
	1500MST			

A strong arctic cold front pushed south through southeast Idaho and brought extreme cold to the region. Wind chill readings were 25 to 35 degrees below zero. Schools were forced to close due to the cold in Jefferson, Teton, and Fremont counties.

IDZ019>020

Upper Snake Highlands - Upper Snake River Plain

18	0200MST	0	0	Extreme Cold/Wind Chill
	1100MST			

Wind chills of -20 to -30 degrees again were widespread for the second straight morning in the Upper Snake Highlands and Upper Snake River Plain.

IDZ018-021-031

Sawtooth Mountains - Lower Snake River Plain - Big And Little Wood River Region

27	1500MST	0	0	Winter Storm
28	1500MST			

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

IDAHO, Southeast

A strong winter storm brought heavy snow to the central mountains and high winds to the Snake River Plain. 12 to 16 inches of snow was reported in the Ketchum area with 13 inches at Hilt's Creek, 11 inches at Lost Wood Divide, 12 inches at Galena and 16 inches at Mill Creek. The wind at this Pocatello airport gusted to 51 mph and two semi trucks were reported overturned on the 28th. One on interstate 86 near Chubbuck at 11 am and the second on interstate 15 near Pocatello Creek at 1230 pm.

Bingham County East Portion

28	1000MST 1600MST				0	0	15K		Flash Flood
----	--------------------	--	--	--	---	---	-----	--	-------------

Heavy rain fell on snow east of Blackfoot causing flash flooding. Hoff and Ash roads were washed out. Three houses had their basements flooded and a number of lowland fields flooded.

Power County East Portion

28	1100MST 1600MST				0	0	4.5K		Flash Flood
----	--------------------	--	--	--	---	---	------	--	-------------

Heavy rain caused some road damage in Power County. The Arbon Valley Highway pavement was undercut and a bridge destabilized 5 miles south of the Pocatello airport. Highway 37 five miles north of Rockland was covered with mud and debris.

Madison County Countywide

28	1100MST 1600MST				0	0	357K		Flash Flood
----	--------------------	--	--	--	---	---	------	--	-------------

Heavy rains combined with melting snow to cause extensive flooding in Rexburg and throughout Madison County. Several roads washed out county wide and extensive basement flooding was reported in several houses in Rexburg.

IDAHO, Southwest

IDZ028

	Camas Prairie								
01	0600MST 1800MST				0	0			Heavy Snow

ILLINOIS, Central

Shelby County

8 SE Moweaqua to
6 S Moweaqua

16	1600CST 1605CST				0	0			Thunderstorm Wind (G50)
----	--------------------	--	--	--	---	---	--	--	-------------------------

Thunderstorm winds blew down a few power poles. Three quarter inch hail was also reported.

Clay County

Xenia

16	1755CST 1800CST				0	0			Thunderstorm Wind (G50)
----	--------------------	--	--	--	---	---	--	--	-------------------------

Thunderstorm winds blew down numerous trees and power lines in and around Xenia. The winds also tore awnings and underpinnings off several mobile homes. Another home received minor damage when a tree fell on it. A truck was damaged by a falling antenna.

ILLINOIS, Northeast

ILZ003>006-008- 010>014-019>022-032

	Winnebago - Boone - Mchenry - Lake - Ogle - Lee - De Kalb - Kane - Du Page - Cook - La Salle - Kendall - Grundy - Will - Livingston								
01	0000CST				0	0			Drought
09	1200CST								

After above normal precipitation during January 2006, extreme drought conditions were lowered to severe across all of northern Illinois on February 9th. Although soil moisture was still below normal, precipitation during the month of February 2006 was above normal at many locations.

Iroquois County

Pittwood

16	1635CST 1636CST	0.1	25		0	0	20K		Tornado (F1)
----	--------------------	-----	----	--	---	---	-----	--	--------------

A brief tornado picked up a construction trailer on Route 1 and threw it into a utility pole. The trailer was severely damaged. No other damage was reported.

ILZ003>006-008- 010>014

	Winnebago - Boone - Mchenry - Lake - Ogle - Lee - De Kalb - Kane - Du Page - Cook								
18	0000CST 1000CST				1	0			Extreme Cold/Wind Chill

Arctic air moved across the midwest during the early morning hours of Saturday, February 18th. In addition to the very cold air, wind chills dropped to -30 to -35 at many locations. Ohare Airport dropped to -7 degrees Saturday morning and only reached a high of +8 degrees that afternoon. Rockford Airport dropped to -11 degrees Saturday morning and only reached a high of +3 degrees that afternoon. One man was found dead on the north side of the City of Chicago from exposure Saturday evening. M45OU

Storm Data and Unusual Weather Phenomena

February 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, 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								
28	2359CST				0	0			Drought

The drought that began back in June 2005 continued through February 2006 and into March 2006. Being the middle of winter, the affects of the drought were essentially hydrologic in nature. A summary of the conditions for February 2006 is given by the service hydrologist.

River Conditions

Stream flows began the month with most locations reporting normal (25th to 75th percentile) to above normal (76th to 90th percentile) conditions. Stream flows gradually decreased during the month, showing little change in response to the storm system around the 16th of the month. At the end of the month most locations reported stream flows that were below normal (10th to 24th percentile) or much below normal (less than 10th percentile). A few locations reported near normal conditions and one location reported a record low for the day.

Source: U.S. Geological Survey. Their WaterWatch Web site has an animation of daily flow percentiles for the United States (http://water.usgs.gov/cgi-bin/waterwatch_animation?200602).

Drought

For the entire HSA, the three-month precipitation total was 3.86 inches or 0.71 inches below normal and 85% of normal. The six-month precipitation total is 9.91 inches or 3.20 inches below normal and 76% of normal. The 12-month precipitation total is 23.35 inches or 12.88 inches below normal and 64% of normal.

According to the U.S. Drought Monitor maps (<http://drought.unl.edu/dm/>), the extreme drought conditions (D3) which affected eastern portions of the HSA in the beginning of the month no longer exist. Severe drought conditions (D2) now cover much of the HSA with moderate drought conditions (D1) across northwestern portions of the HSA.

ILZ001>002-007-009-015>016-024>026-034 **Jo Daviess - Stephenson - Carroll - Whiteside - Rock Island - Henry - Mercer - Henderson - Warren - Hancock**

15	2100CST								
16	1330CST				0	0	10K		Winter Weather

ILZ016>017

Henry - Bureau									
16	0900CST								
	1430CST				0	0	4K		Ice Storm

A winter storm moved along a frontal boundary from the southern Plains and into the Great Lakes region. During the night of 15 February mainly light mixed precipitation fell over eastern Iowa, northwest and west central Illinois, and far northeast Missouri due to a shallow layer of cold air near the surface. Mainly snow was seen west of Dubuque along highway 20 and rain along the Illinois River. A complete change over to all snow occurred during the afternoon of 16 February as the depth of the cold layer increased.

Between 0530 and 1100 CST on 16 February two lines of elevated thunderstorms moved through the area. These storms were prolific hail producers with numerous reports of 0.25 to 0.50 inch hail. In some locations the hail covered the ground and reached a depth of up to one half inch. The storms were also responsible for localized glaze accumulations of 0.25 to 0.40 inch across Henry and Bureau counties in Illinois and Des Moines county in Iowa. Due to ambient temperatures at or below freezing, the hail froze into a thick layer of ice and caused power outages in southeast Iowa.

Snow accumulations varied greatly across the area from the storm. The heaviest accumulations were along the highway 20 corridor west of Dubuque where 4-6 inches of snow fell. South and east of Dubuque, snowfall amounts ranged from a trace to 4 inches. Areas south of Interstate 80 generally saw an inch or less of snowfall.

ILLINOIS, South

ILZ075>078-080>084 **Jefferson - Wayne - Edwards - Wabash - Perry - Franklin - Hamilton - White - Jackson**

08	0800CST								
	1400CST				0	0			Winter Weather/Mix

Light snow accumulated from 1 to 3 inches, mainly on grassy areas. The accumulating snow was primarily along and north of a line from Carmi to Murphysboro. Three to four inches of snow was reported in Jefferson County and at Enfield, which is in White County. Elsewhere, one to two inches was reported at Benton, Murphysboro, and Pinckneyville. Slippery roads contributed to a serious accident near Makanda in Jackson County. A 20-year-old woman was seriously injured when her vehicle spun out of control and was struck in the side by an oncoming truck.

Storm Data and Unusual Weather Phenomena

February 2006

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

ILLINOIS, South

ILZ081>094 Franklin - Hamilton - White - Jackson - Williamson - Saline - Gallatin - Union - Johnson - Pope - Hardin - Alexander - Pulaski - Massac

10	2100CST				0	0			Dense Fog
11	0300CST								

Widespread dense fog reduced visibility to one quarter mile or less, mainly to the south of Interstate 64.

ILZ075>078-082>083-086>087 Jefferson - Wayne - Edwards - Wabash - Hamilton - White - Saline - Gallatin

11	0800CST 1500CST				0	0			Winter Weather/Mix
----	--------------------	--	--	--	---	---	--	--	--------------------

Scattered snow showers produced average accumulations of around an inch. Locally higher amounts around 2 inches were associated with the heaviest snow showers. The accumulating snow showers were mainly along and east of a line from Mount Vernon to Harrisburg. Accumulations were as high as 3 inches at Grayville in White County. Elsewhere, 1 to 2 inches fell in Jefferson County, and just under an inch fell in Harrisburg. The snow fell in a short period of time, reducing visibility to one half mile or less. Since temperatures were just above freezing, most of the accumulation was on grassy areas.

ILZ075>076-080>082-084>086-088>090-092>094 Jefferson - Wayne - Perry - Franklin - Hamilton - Jackson - Williamson - Saline - Union - Johnson - Pope - Alexander - Pulaski - Massac

16	1600CST 2330CST				0	0	14K		Strong Wind
----	--------------------	--	--	--	---	---	-----	--	-------------

Strong winds gusted to between 40 and 50 MPH across most of southern Illinois except the Wabash Valley. At the Carbondale airport, the peak wind gust was measured at 49 MPH. Other airports recorded gusts from 40 to 45 MPH.

Perry County
2 W Pinckneyville

16	1727CST				0	0			Thunderstorm Wind (G50)
----	---------	--	--	--	---	---	--	--	-------------------------

Tree limbs were blown onto Highway 154.

Perry County
2 N Tamaroa

16	1733CST				0	0			Hail (1.25)
----	---------	--	--	--	---	---	--	--	-------------

Jefferson County
Woodlawn

16	1743CST				0	0			Hail (1.00)
----	---------	--	--	--	---	---	--	--	-------------

Dime to quarter size hail occurred in western Jefferson County.

Wabash County
Bellmont to
Keensburg

16	1908CST 1915CST				0	0			Hail (0.75)
----	--------------------	--	--	--	---	---	--	--	-------------

Williamson County
2 W Crab Orchard

16	1908CST				0	0	2K		Thunderstorm Wind (G55)
----	---------	--	--	--	---	---	----	--	-------------------------

A shed was blown into some trees near the intersection of Highways 13 and 166.

Wabash County
Keensburg

16	1914CST				0	0			Thunderstorm Wind (G61)
----	---------	--	--	--	---	---	--	--	-------------------------

ILZ075>078-080>094 Jefferson - Wayne - Edwards - Wabash - Perry - Franklin - Hamilton - White - Jackson - Williamson - Saline - Gallatin - Union - Johnson - Pope - Hardin - Alexander - Pulaski - Massac

18	0200CST 1200CST				0	0			Winter Weather/Mix
----	--------------------	--	--	--	---	---	--	--	--------------------

One to two inches of snow fell across southern Illinois. Isolated amounts of 3 inches occurred in Fairfield (Wayne County), Pinckneyville (Perry County), and Mount Carmel (Wabash County). Roads were snow-covered and slippery.

ILZ088>094 Union - Johnson - Pope - Hardin - Alexander - Pulaski - Massac

19	1300CST 2000CST				0	0			Winter Weather/Mix
----	--------------------	--	--	--	---	---	--	--	--------------------

Two inches of snow fell over far southern Illinois, mainly south of the Marion/Carbondale area and in counties bordering the Ohio River. Roads were initially wet, then became ice and snow-covered as the precipitation continued.

ILLINOIS, Southwest

Jersey County
Nutwood

16	1415CST				0	0			Hail (0.88)
----	---------	--	--	--	---	---	--	--	-------------

Jersey County
2 W Fieldon

16	1430CST				0	0			Thunderstorm Wind (G55)
----	---------	--	--	--	---	---	--	--	-------------------------

Jersey County
Jerseyville

16	1430CST				0	0			Hail (1.00)
----	---------	--	--	--	---	---	--	--	-------------

Local law enforcement reported 1 inch hail in Jerseyville and nickel size hail in Nutwood. Thunderstorm wind gusts downed several power poles at the intersection of Highways 16 and 100 just west of Fieldon.

Storm Data and Unusual Weather Phenomena

February 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, Southwest</u>									
Madison County									
Hamel	16	1540CST			0	0			Hail (0.75)
			The public reported 3/4 inch hail in Hamel.						
Montgomery County									
Hillsboro	16	1540CST			0	0			Hail (1.50)
			The public reported that 1 1/2 inch diameter hail covered the ground in Hillsboro.						
Madison County									
Collinsville	16	1550CST			0	0			Hail (1.00)
Madison County									
Collinsville	16	1600CST			0	0			Hail (1.00)
			Hail up to one inch in diameter fell in Collinsville for about 15 minutes.						
Monroe County									
Columbia	16	1602CST			0	0			Hail (1.00)
Monroe County									
New Hanover	16	1605CST			0	0			Hail (1.00)
			Storm spotters and emergency management personnel reported 1 inch hail in Columbia and New Hanover.						
Bond County									
5 NW Greenville	16	1612CST			0	0			Hail (1.00)
			A storm spotter reported 1 inch hail northwest of Greenville.						
Montgomery County									
Fillmore	16	1615CST			0	0			Hail (1.00)
			A storm spotter reported 1 inch hail.						
Madison County									
Troy	16	1615CST			0	0			Hail (1.00)
			A storm spotter reported 1 inch hail.						
Bond County									
Greenville	16	1615CST			0	0			Thunderstorm Wind (G55)
			A storm spotter reported thunderstorm wind gusts blew a metal porch swing into a nearby field about a quarter of a mile away. Several large tree branches were also down in the area.						
Bond County									
5 S Pocahontas	16	1620CST			0	0			Hail (1.00)
			A storm spotter reported 1 inch hail south of Pocahontas.						
Monroe County									
3 E Maestown	16	1623CST			0	0			Hail (1.00)
Monroe County									
5 N Ames	16	1631CST			0	0			Hail (1.00)
			Storm spotters reported 1 inch hail east of Maestown and emergency management personnel reported 1 inch hail along Highway 3 north of Ames.						
St. Clair County									
Freeburg	16	1626CST			0	0			Hail (0.75)
			A storm spotter reported 3/4 inch hail.						
St. Clair County									
Mascoutah	16	1630CST			0	0			Hail (1.75)
St. Clair County									
Mascoutah	16	1642CST			0	0			Hail (1.00)
			Storm spotters reported hail up to golf ball size in Mascoutah.						
Randolph County									
Red Bud	16	1645CST			0	0			Hail (1.00)
			A storm spotter reported 1 inch hail.						
St. Clair County									
Marissa	16	1700CST			0	0			Thunderstorm Wind (G52)
			Storm spotters reported power lines down at several locations in town.						
Clinton County									
Shattuc	16	1730CST			0	0			Thunderstorm Wind (G52)
			The County Sheriff reported 2 trees down on old US-50.						
Washington County									
Dubois	16	1735CST			0	0			Hail (0.88)
			A storm spotter reported nickel size hail.						

Storm Data and Unusual Weather Phenomena

February 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									
Randolph County									
Tilden	16	1800CST			0	0			Hail (1.00)
			A storm spotter reported 1 inch hail.						
INDIANA, Central									
Carroll County									
Camden	16	1925EST			0	0	3K	0	Thunderstorm Wind (G50)
			Highway signs downed.						
Montgomery County									
7 NNW Crawfordsville	16	1945EST			0	0	0	0	Thunderstorm Wind (G50)
			A tree was downed.						
Vigo County									
4 S (Huf)Hulman Fld 1	16	1946EST			0	0	0	0	Thunderstorm Wind (G57)
3 S (Huf)Hulman Fld Tere									
Vigo County									
3 S Terre Haute	16	1950EST 1952EST			0	0	0	0	Hail (0.75)
Vigo County									
4 WSW (Huf)Hulman .1 N (Huf)Hulman Fld Tere	16	1954EST 1959EST	4.2	100	0	0	1.5M	0	Tornado (F1)



Part of the roof was removed from the Union Christian Church by a tornado on 16 February 2006. The steeple (not pictured), which had been atop the far end of the roof pictured, was found across the highway in a ditch after the tornado passed.

A tornado touched down just north of Interstate 70, and west of the Margaret Avenue and Fruitridge Avenue intersection, and traveled northeastward. Along its path, the tornado severely damaged Union Christian Church at State Road 46 and Hulman Drive, and at least 18 buildings and 6 planes at the Terre Haute International Airport, including the Ivy Tech State College building on the airport campus, where three people were trapped as emergency crews waited for power to be shut off before removing them from the building.

A preliminary search indicated that this was the first tornado in Vigo county in just over thirteen years, and the first February tornado in Indiana in fourteen years and one day.

Vigo County									
Seelyville	16	1959EST			0	0	0	0	Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

February 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									
Sullivan County									
Sullivan	16	2009EST 2011EST			0	0	0	0	Hail (0.75)
Clay County									
Brazil	16	2010EST			0	0	0	0	Thunderstorm Wind (G50) Trees downed.
Boone County									
Whitestown	16	2030EST			0	0	0	0	Thunderstorm Wind (G52)
Knox County									
5 NNW Decker to 6 NNE Decker	16	2035EST 2037EST			0	0	50K	0	Thunderstorm Wind (G70)



Two homes were damaged considerably by straight line winds in Knox County. In this photo, a connecting breezeway between the homes is shown.

What was determined to be downburst winds damaged outbuildings, power lines, and two homes along a swath near and east of US 41 between Decker and Vincennes.

Hamilton County									
Arcadia	16	2040EST 2042EST			0	0	0	0	Hail (0.75)
Hendricks County									
Brownsburg	16	2055EST			0	0	12K	0	Thunderstorm Wind (G56) A semi was blown over on Interstate 74, briefly trapping the driver, who was not seriously injured.
Greene County									
5 E Bloomfield	16	2059EST			0	0	0	0	Thunderstorm Wind (G50) Trees downed.
Daviess County									
Washington	16	2107EST			0	0	0	0	Thunderstorm Wind (G50) Trees downed.
Hendricks County									
4 E Danville	16	2109EST			0	0	0	0	Thunderstorm Wind (G50) A large tree was downed in an intersection.
Lawrence County									
7 N Bedford	16	2115EST			0	0	0	0	Thunderstorm Wind (G61)
Johnson County									
1 S Edinburg	16	2150EST			0	0	0	0	Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

February 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>INDIANA, Central</u>									
Jackson County									
5 N Brownstown	16	2200EST			0	0	0	0	Thunderstorm Wind (G50)
									Five trees were downed.
Lawrence County									
8 N Bedford	16	2200EST			0	0	1K	0	Thunderstorm Wind (G50)
									Three trees fell on nearby power lines. A large squall line containing several bowing segments moved through central Indiana on the evening of 16 February 2006. What was likely an embedded supercell structure produced an F1 tornado near Terre Haute in Vigo County, with widespread straight line wind damage occurring elsewhere along the line as it moved from west to east. The Vigo County tornado was the first February tornado in Indiana in almost exactly fourteen years.
<u>INDIANA, Northeast</u>									
St. Joseph County									
Mishawaka	16	1832EST 1833EST			0	0			Hail (0.75)
Miami County									
1 WSW Peru	16	1849EST 1850EST			0	0			Hail (0.75)
<u>INDIANA, Northwest</u>									
Porter County									
1 N Hebron to 1 SW Valparaiso	16	1631CST 1638CST			0	0			Hail (1.00)
									Quarter size hail was reported near 700S and County Line Road near Hebron. The storm continued east northeast and quarter size hail was reported several minutes later near Route 30 and 100W, southwest of Valparaiso.
<u>INDIANA, South Central</u>									
Dubois County									
Portersville	16	2115EST			0	0			Thunderstorm Wind (G50)
Clark County									
Borden	16	2244EST			0	0			Thunderstorm Wind (G50)
Clark County									
Memphis	16	2252EST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed trees over parts of South Central Indiana.
<u>INDIANA, Southeast</u>									
Fayette County									
Connersville	16	2228EST 2231EST			0	0	2K		Thunderstorm Wind (G50)
									Two trees were knocked down.
Ripley County									
Versailles	16	2245EST 2248EST			0	0	3K		Thunderstorm Wind (G50)
									Several trees were knocked down.
Wayne County									
Hagerstown to Abington	16	2245EST 2255EST			0	0	2K		Thunderstorm Wind (G50)
									Two trees were downed.
Franklin County									
Brookville	16	2255EST 2258EST			0	0	3K		Thunderstorm Wind (G50)
									Trees were downed.
Dearborn County									
Aurora	16	2305EST 2308EST			0	0	2K		Thunderstorm Wind (G50)
									Two trees were knocked down.
<u>INDIANA, Southwest</u>									
INZ085>086 Posey - Vanderburgh									
08	08	1300CST 1900CST			0	0			Winter Weather/Mix
									Light snow accumulated from 1 to 2 inches, mainly on grassy areas. The accumulating snow was primarily from Evansville west across Posey County. The official snowfall amount at the Evansville airport was 1.5 inches.

Storm Data and Unusual Weather Phenomena

February 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, Southwest

INZ081>082-085>088 Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer

11	0000CST				0	0			
	0800CST								Dense Fog

Widespread dense fog reduced visibility to one quarter mile or less.

INZ085>088 Posey - Vanderburgh - Warrick - Spencer

11	1100CST				0	0			
	1800CST								Winter Weather/Mix

Scattered snow showers occurred during the afternoon as extremely cold air aloft overspread southwest Indiana. While average accumulations were only around an inch, locally 2 to 4 inches fell in the heaviest snow showers and snow thundershowers. Isolated reports of 4 to 5 inches were received from Posey County, specifically in and near New Harmony. In Spencer County, 1.5 inches fell at Grandview. The snow fell in short bursts, reducing visibility to a half mile or less. Since temperatures were above freezing, most of the accumulation was on grassy areas.

Pike County

16	1950CST				0	0			
									Hail (0.75)

Vanderburgh County

16	2012CST				0	0	100K		
	2016CST								Thunderstorm Wind (G65)

Damage started at Burdette Park, where roofs were blown off and trees were uprooted. About one half to three quarters of a mile to the east of the park, the tops of two pole barns were blown off. Several homes sustained roof damage. Near the end of the damage path, the roof was blown off a garage and into a back yard.

Warrick County

16	2025CST				0	0	3K		
									Thunderstorm Wind (G57)

Some shingles and siding were blown off a house. Wind gusts were measured to 66 MPH.

INZ085>088 Posey - Vanderburgh - Warrick - Spencer

18	0200CST				0	0			
	1200CST								Winter Weather/Mix

One to two inches of snow fell over parts of southwest Indiana, mainly south of Interstate 64. A little over 2 inches fell in Poseyville (Posey County) and Grandview (Spencer County). At the Evansville airport, about an inch fell. Roads were snow-covered and slippery.

IOWA, Central

NONE REPORTED.

IOWA, East Central and Southeast

IAZ042-053>054-063>068-076>078-087>089-098>099 Dubuque - Jones - Jackson - Iowa - Johnson - Cedar - Clinton - Muscatine - Scott - Keokuk - Washington - Louisa - Jefferson - Henry - Des Moines - Van Buren - Lee

01	0000CST				0	0			
	2359CST								Drought

The drought that began back in July 2005 continued through February 2006 and into March 2006. Being the middle of winter, the affects of the drought were essentially hydrologic in nature. A summary of the conditions for February 2006 is given by the service hydrologist.

River Conditions

Stream flows began the month with most locations reporting normal (25th to 75th percentile) to above normal (76th to 90th percentile) conditions. Stream flows gradually decreased during the month, showing little change in response to the storm system around the 16th of the month. At the end of the month most locations reported stream flows that were below normal (10th to 24th percentile) or much below normal (less than 10th percentile). A few locations reported near normal conditions and one location reported a record low for the day.

Source: U.S. Geological Survey. Their WaterWatch Web site has an animation of daily flow percentiles for the United States (http://water.usgs.gov/cgi-bin/waterwatch_animation?200602).

Drought

For the entire HSA, the three-month precipitation total was 3.86 inches or 0.71 inches below normal and 85% of normal. The six-month precipitation total is 9.91 inches or 3.20 inches below normal and 76% of normal. The 12-month precipitation total is 23.35 inches or 12.88 inches below normal and 64% of normal.

According to the U.S. Drought Monitor maps (<http://drought.unl.edu/dm/>), the extreme drought conditions (D3) which affected

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

IOWA, East Central and Southeast

eastern portions of the HSA in the beginning of the month no longer exist. Severe drought conditions (D2) now cover much of the HSA with moderate drought conditions (D1) across northwestern portions of the HSA.

IAZ040>042-051>054-063>068-076>078-087>089-098>099 **Buchanan - Delaware - Dubuque - Benton - Linn - Jones - Jackson - Iowa - Johnson - Cedar - Clinton - Muscatine - Scott - Keokuk - Washington - Louisa - Jefferson - Henry - Des Moines - Van Buren - Lee**

	15	2030CST			0	0	37K		
	16	1230CST							Winter Weather

IAZ089

	16	0848CST 1300CST			0	0	5K		
									Ice Storm

NWS electronic technicians reported 0.375 inch ice accumulation on KBRL ASOS

A winter storm moved along a frontal boundary from the southern Plains and into the Great Lakes region. During the night of 15 February mainly light mixed precipitation fell over eastern Iowa, northwest and west central Illinois, and far northeast Missouri due to a shallow layer of cold air near the surface. Mainly snow was seen west of Dubuque along highway 20 and rain along the Illinois River. A complete change over to all snow occurred during the afternoon of 16 February as the depth of the cold layer increased.

Between 0530 and 1100 CST on 16 February two lines of elevated thunderstorms moved through the area. These storms were prolific hail producers with numerous reports of 0.25 to 0.50 inch hail. In some locations the hail covered the ground and reached a depth of up to one half inch. The storms were also responsible for localized glaze accumulations of 0.25 to 0.40 inch across Henry and Bureau counties in Illinois and Des Moines county in Iowa. Due to ambient temperatures at or below freezing, the hail froze into a thick layer of ice and caused power outages in southeast Iowa.

Snow accumulations varied greatly across the area from the storm. The heaviest accumulations were along the highway 20 corridor west of Dubuque where 4-6 inches of snow fell. South and east of Dubuque, snowfall amounts ranged from a trace to 4 inches. Areas south of Interstate 80 generally saw an inch or less of snowfall.

IOWA, Northeast

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

	15	1800CST			0	0			
	16	1900CST							Winter Storm

A winter storm hit northeast Iowa, with total snow accumulations generally between 4 and 7 inches. Localized amounts of around 8 inches were reported near the Minnesota Iowa border. Some of the higher amounts as reported by volunteer weather observers included 8.5 inches at Dorchester (Allamakee County), 6.3 inches at Elma (Howard County), 6.2 inches at Garnavillo (Clayton County) and 5.9 inches near Lansing (Allamakee County). Strong northwest winds caused considerable blowing and drifting snow, along with wind chills of 20 below to 30 below.

IOWA, Northwest

IAZ012>014-020>022-031>032 **Sioux - O'Brien - Clay - Plymouth - Cherokee - Buena Vista - Woodbury - Ida**

	16	0000CST 1800CST			0	0			
									Winter Weather

Snowfall of 2 to 5 inches was accompanied by winds gusting over 30 mph, causing areas of blowing and drifting snow. The greatest accumulations of 4 to 5 inches were in the area from Sioux City to Storm lake. A few schools were cancelled or delayed.

IOWA, Southwest

IAZ043-055>056 **Monona - Harrison - Shelby**

	18	0400CST 1500CST			0	0			
									Extreme Cold/Wind Chill

An Arctic Cold Front plunged through the area Friday night/Saturday morning February 18th. Temperatures over northeast Nebraska and western Iowa dropped to around 5 below zero by sunrise Saturday as winds switched to the north and increased to 15 to 20 mph with gusts to 30 mph. Winds gradually subsided Saturday, but temperatures recovered little...barely reaching zero at some locations for highs. Wind chill values dropped to around 20 below by 400 am cst and remained 20 to 30 below over much of northeast Nebraska and western Iowa into mid afternoon before slightly warming temperatures and decreasing winds allowed wind chill values to moderate a bit.

KANSAS, East

KSZ010>012-022>023-036 **Marshall - Nemaha - Brown - Riley - Pottawatomie - Geary**

	16	0500CST 1200CST			0	0			
									Winter Weather

Winter weather in the form of light freezing rain and freezing drizzle overspread the area during the early morning hours of February 16th and continued until around noon. Although precipitation amounts were light...mainly less than a tenth of an inch...there were numerous accidents and a few indirect injuries due to the icy roads.

Storm Data and Unusual Weather Phenomena

February 2006

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

KANSAS, East

KSZ008>012-020>024-034	Republic - Washington - Marshall - Nemaha - Brown - Cloud - Clay - Riley - Pottawatomie - Jackson - Ottawa								
	17	1900CST			0	0			Cold/Wind Chill
	18	0900CST							

Winds of 10 to 20 mph combined with temperatures in the single digits resulted in wind chill readings of 15 to 20 below zero.

KANSAS, Extreme Southeast

KSZ073-097-101	Bourbon - Crawford - Cherokee								
	01	0001CST			0	0			Drought
	28	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. According to the United States Drought Monitor, Cherokee County had been upgraded into the extreme category, while Crawford and Bourbon counties were analyzed within the severe drought category.

KANSAS, North Central

NONE REPORTED.

KANSAS, Northeast

NONE REPORTED.

KANSAS, Northwest

NONE REPORTED.

KANSAS, Southeast

NONE REPORTED.

KANSAS, Southwest

NONE REPORTED.

KENTUCKY, Central

Simpson County	Franklin	17	0025EST			0	0		Thunderstorm Wind (G50)
			0034EST						
Warren County	Woodburn	17	0031EST			0	0		Thunderstorm Wind (G52)
		Several trees were downed in the vicinity of the intersection of KY 240 and KY 622. Dime sized hail was also reported.							
Allen County	Scottsville	17	0040EST			0	0		Thunderstorm Wind (G50)
Barren County	Austin	17	0051EST			0	0		Thunderstorm Wind (G50)
Russell County	Jamestown	17	0123EST			0	0		Thunderstorm Wind (G59)
		A storm spotter measured a 68 MPH wind gust. A gust front ahead of a line of thunderstorms downed trees and power lines over parts of South Central Kentucky.							

KENTUCKY, Eastern

KYZ058	Estill	11	1300EST			0	0	0	0	Heavy Snow
		4 to 5 inches of snow fell 6 miles north of Irvine.								
KYZ080	Laurel	11	1300EST			0	0	0	0	Heavy Snow
		4 inches of snow fell in Victory.								
KYZ106	Morgan	11	1725EST			0	0	0	0	Heavy Snow
		12	1725EST							
KYZ112	Breathitt	11	2200EST			0	0	0	0	Heavy Snow
		4.4 inches of snow fell at the Jackson Weather Office.								

Storm Data and Unusual Weather Phenomena

February 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, Eastern</u>									
KYZ112		Breathitt							
		11 2200EST			0	0	0	0	Heavy Snow
		4 inches of snow fell 3 miles NE of Gage.							
KYZ109		Magoffin							
		11 2200EST			0	0	0	0	Heavy Snow
		4 inches of snow fell 2 miles southwest of Foraker.							
KYZ079		Pulaski							
		11 2200EST			0	0	0	0	Heavy Snow
		5 inches of snow fell 10 miles east of Somerset. 4 inches also fell at another location near Somerset.							
KYZ088		Harlan							
		12 0600EST			0	0	0	0	Heavy Snow
		10.5 inches of snow fell 4 miles east southeast of Closplint.							
KYZ080		Laurel							
		17 0230EST			0	0	1K	0	Strong Wind
		Tree down across Highway 1228.							
KYZ111		Lee							
		17 1730EST			0	0	10K	0	Strong Wind
		Power outage. Three trees down on Belle Point Road.							
KYZ087		Bell							
		18 0220EST			0	0	0	0	Heavy Snow
		3 to 6 inches of snow fell on county roads at middle elevations. 6 to 7 inches of snow fell on Fonde Mountain.							
KYZ088		Harlan							
		18 0225EST			0	0	0	0	Heavy Snow
		Middle elevations received around 4 inches of snow. Highest elevations received at least 5 inches of snow.							
KYZ118		Letcher							
		18 1415EST			0	0	0	0	Heavy Snow
		4 inches of snow fell 2 miles south of Whitesburg.							
KYZ117		Leslie							
		20 0800EST			0	0	0	0	Heavy Snow
		6 inches of snow fell 9 miles south of Hyden.							
<u>KENTUCKY, Northeast</u>									
NONE REPORTED.									
<u>KENTUCKY, Northern</u>									
NONE REPORTED.									
<u>KENTUCKY, Southwest</u>									
Livingston County									
Salem		02 1000CST			0	0			Heavy Rain
		1700CST							
		Heavy rain caused flooding of Kentucky 1433, which was closed for a one-mile stretch.							
Mccracken County									
2 S Paducah		02 1000CST			0	0			Heavy Rain
		1700CST							
		A portion of Schneidman Road was under water but passable. Total daily rainfall at the Paducah airport was 1.65 inches.							
KYZ014>015-018		Union - Webster - Henderson							
		08 1500CST			0	0			Winter Weather/Mix
		2200CST							
		One to two inches of snow fell over a small part of western Kentucky, mainly along and west of the Pennyryle Parkway and north of Providence. Two inches of snow was reported in Webster County. The snow fell mainly on grassy areas. Roads became icy after snowmelt froze.							
KYZ001>002-006-008>009-011>013-017-022		Fulton - Hickman - Graves - Marshall - Calloway - Lyon - Trigg - Caldwell - Christian - Todd							
		10 1300CST			0	0			Winter Weather/Mix
		2000CST							
		One to three inches of snow fell across southern portions of western Kentucky, mainly south of a line from Paducah to Madisonville. An isolated 4-inch snow amount was recorded in southern Graves County. Three inches of snow fell in Fulton.							

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

KENTUCKY, Southwest

Elsewhere, two inches was reported in Benton, Clinton, Eddyville, Hopkinsville, Mayfield, and Murray. An inch fell in Elkton. Roads were snow or slush-covered. Two weather-related traffic fatalities occurred (indirect fatalities). An elderly woman was killed in a wreck along the Tennessee state line at Fulton. Her vehicle struck a concrete culvert and a gas meter on East State Line Road. A 63-year-old man died in a wreck on the Purchase Parkway about 3 miles west of Mayfield. His pickup truck skidded into the median and overturned, ejecting him. Southbound lanes of the parkway were closed for about two hours.

KYZ001>016-018>020 **Fulton - Hickman - Carlisle - Ballard - Mccracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Union - Webster - Hopkins - Henderson - Daviess - Mclean**
 10 2100CST 0 0
 11 0700CST Dense Fog

Widespread dense fog reduced visibility to one quarter mile or less across most of western Kentucky.

KYZ014-018>019 **Union - Henderson - Daviess**
 11 1200CST 0 0 Winter Weather/Mix
 1600CST

Scattered snow showers across far northwest Kentucky produced local accumulations of an inch or two. The accumulations were mainly in the Henderson and Owensboro area. Henderson reported 1.4 inches of snow. The snow fell in a short period of time, reducing visibility to one-half mile. Temperatures were above freezing during most of the day, so accumulations were mostly on grassy surfaces.

KYZ001>006-008>009 **Fulton - Hickman - Carlisle - Ballard - Mccracken - Graves - Marshall - Calloway**
 16 1600CST 0 0 8K Strong Wind
 2330CST

Strong winds gusted to near 45 MPH across extreme western Kentucky. In downtown Paducah, a business sign mounted on a large building and suspended over a sidewalk was caught by the wind. The sign swung through a front window and pulled a piece of brick wall down.

KYZ001>022 **Fulton - Hickman - Carlisle - Ballard - Mccracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Union - Webster - Hopkins - Christian - Henderson - Daviess - Mclean - Muhlenberg - Todd**
 18 0200CST 0 0 Winter Weather/Mix
 1200CST

One to three inches of snow fell across western Kentucky. Isolated reports of 4 inches were received from Hickman and McCracken Counties. Roads were snow-covered and slippery. Numerous accidents were reported, including 17 in Henderson County alone, none of which involved injuries.

KYZ001>013-016>017-021>022 **Fulton - Hickman - Carlisle - Ballard - Mccracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Hopkins - Christian - Muhlenberg - Todd**
 19 1300CST 0 0 Winter Weather/Mix
 2300CST

Two to three inches of snow fell across most of western Kentucky, mainly from Madisonville south and west. Sleet was mixed with the snow along the Tennessee border, which held accumulations down to one-quarter inch from Fulton and Clinton east to Murray. Roads were initially wet, then became ice and snow-covered as precipitation continued. Kentucky State Police estimated about 30 accidents occurred in their westernmost district. One accident on Interstate 24 involved serious injuries. The injured woman was trapped in her vehicle after it overturned at the 35-mile-marker in Lyon County.

LOUISIANA, Northeast

Catahoula Parish
Aimwell to 03 1200CST 0 0 Hail (1.00)
2 NE Sicily Is 1242CST

A narrow swath of penny to quarter sized hail fell from the Aimwell Community to just northeast of Sicily Island. The storm dissipated just before it moved into extreme Southeast Franklin parish.

Franklin Parish
2 SW Liddieville to 03 1208CST 0 0 Hail (0.75)
1 E Liddieville 1220CST

Madison Parish
7 SW Tallulah to 03 1255CST 0 0 50K Hail (1.75)
3 NNE Mound 1330CST

Madison Parish
Tallulah 03 1312CST 0 0 Thunderstorm Wind (G60)
 1315CST

A large supercell thunderstorm developed over Southwest Madison parish and tracked east-northeast across the parish and then crossed the Mississippi River just north of Vicksburg. This storm produced a swath of penny to golf ball sized hail as it moved across the parish. Additionally, law enforcement officials reported wind gusts near 70 mph as the storm moved by Tallulah.

Storm Data and Unusual Weather Phenomena

February 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>LOUISIANA, Northeast</u>									
Catahoula Parish 2 N Rosefield to 5 E Sicily Is	03	1317CST 1354CST			0	0	200K		Hail (1.75)
Franklin Parish 6 SW Ft Necessity to 8.5 ESE Wisner	03	1325CST 1400CST			0	0	350K		Hail (1.75)
Tensas Parish 2 WSW Cooter Pt to 3 E St Joseph	03	1352CST 1421CST			0	0	600K		Hail (1.75)
A large supercell thunderstorm moved across Central Louisiana and impacted portions of Catahoula, Franklin and Tensas parishes. This supercell storm brought with it a swath of penny to golf ball sized hail. This hail damaged homes and many automobiles. Roofs were damaged along with windows broken out of buildings, homes and vehicles. The main core of the storm move out of Caldwell parish and across Northern Catahoula parish from Rosefield to Enterprise to Sicily Island. The storm also moved across Southern Franklin parish from around the Extension Community to Wisner to the extreme southeast corner of the parish. The storm then moved into Tensas parish near Cooter Point and tracked east through St Joseph and then across the River into Southwest Claiborne county.									
Catahoula Parish 4 S Walters to 6 SSE Jonesville	03	1348CST 1400CST			0	0			Hail (1.00)
Concordia Parish Lismore to 3 S Frogmore	03	1358CST 1410CST			0	0			Hail (1.00)
A swath of penny to quarter sized hail fell across Central Catahoula parish from just south of Walters to just north of the Parhams Community. The storm then moved into west-central Concordia parish and produced more quarter sized hail between Cocodrie Lake and Frogmore before dissipating in the Bayou Cocodrie National Wildlife Refuge.									
LAZ015>016-023									
		Richland - Madison - Franklin							
	20	0600CST 1000CST			0	0	250K		Ice Storm
See Central and Northeast Mississippi narrative for complete information.									
<u>LOUISIANA, Northwest</u>									
Sabine Parish Florien	02	0215CST			0	0			Hail (0.75)
De Soto Parish Mansfield	03	1052CST			0	0			Hail (0.75)
Red River Parish Martin	03	1125CST			0	0			Hail (1.75)
Hail covered the ground.									
Caldwell Parish Columbia	03	1145CST			0	0			Hail (1.00)
Hail covered the ground.									
Caldwell Parish Grayson	03	1145CST			0	0			Hail (1.00)
Hail covered the ground.									
Winn Parish Dodson	03	1210CST			0	0			Hail (0.88)
Caldwell Parish 5 W Spaulding	03	1255CST			0	0			Hail (1.00)
Caldwell Parish 3 SW Clarks	03	1300CST			0	0			Hail (1.75)
Hail fell in the community of Kelly.									
Caldwell Parish Grayson	03	1305CST			0	0			Hail (1.75)
Caldwell Parish 4 SE Grayson	03	1310CST			0	0			Hail (1.75)
Hail fell in the community of Holum.									
LAZ001>006-010>014-017>022									
		Caddo - Bossier - Webster - Claiborne - Lincoln - Union - De Soto - Red River - Bienville - Jackson - Ouachita - Sabine - Natchitoches - Winn - Grant - Caldwell - La Salle							
	19	1700CST			0	0			Winter Weather/Mix
	20	0600CST							

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
----------	------	----------------------------	---------------------------	--------------------------	--	--	---------------------------------------	--	--------------------

LOUISIANA, Northwest

Much of the region was entrenched in an arctic airmass during the weekend of the 18th through the 20th of February. A weak storm system moved into the southern plains and into the lower Mississippi valley with light freezing rain and freezing drizzle falling across much of the region. Ice accumulations were very light...mainly less than one quarter of an inch across most places. While road surfaces remained wet from ground warmth, most elevated bridges and overpasses saw some ice accumulation which resulted in numerous traffic accidents. Many elevated bridges and overpasses had to be closed due to the ice accumulation. There was a report of one fatality in northern Caddo Parish when an SUV flipped over on the Hwy 1 bridge going across Caddo Lake killing the female driver inside.

LOUISIANA, Southeast

Lafourche Parish

Raceland	02	0200CST			0	0	50K	Thunderstorm Wind (G50)
-----------------	-----------	----------------	--	--	----------	----------	------------	--------------------------------

A portion of the roof of an elementary school was blown off by thunderstorm wind gusts

Jefferson Parish

.5 SW New Orleans Intl 2 NE New Orleans Intl Arp	02	0234CST 0235CST	3.5	150	0	1	750K	Tornado (F1)
---	-----------	----------------------------	------------	------------	----------	----------	-------------	---------------------

A tornado touched down just southwest of New Orleans Armstrong International Airport, and continued moving northeast on an intermittent path for about 3.5 miles into the community of Kenner. Several warehouses near the airport suffered substantial damage and several large trucks moved in the parking lot. Several frame homes had roof damage, and plate glass windows were blown out of small retail buildings and one of the airport's concourses. One minor injury was reported due to flying glass.

Jefferson Parish

Metairie	02	0239CST 0242CST	3	150	0	0	500K	Tornado (F1)
-----------------	-----------	----------------------------	----------	------------	----------	----------	-------------	---------------------

A tornado touched down along the the Mississippi River just east of Ochsner Hospital in the east portion of Metairie. Several retail buildings and warehouses had significant damage to roofs, and several trailers were overturned. The tornado continued northeast on an intermittent path with several houses and building damaged. The tornado exited Jefferson Parish just northeast of Old Metairie and entered New Orleans, Orleans Parish.

Orleans Parish

New Orleans	02	0242CST 0244CST	2.5	150	0	0	500K	Tornado (F2)
--------------------	-----------	----------------------------	------------	------------	----------	----------	-------------	---------------------

The tornado which moved through the east portions of Metairie continued to move northeast through the Lakeview and Lakefront neighborhoods of New Orleans. The area where the tornado impacted had previously been flooded by Hurricane Katrina, and most homes were unoccupied. Several homes suffered substantial damage to roofs, windows blown out, and power poles blown down. Several two story homes suffered substantial damage to the second floor with roof removed and walls blown out. A large communication tower was toppled at a former state policebuilding. The tornado moved into Lake Pontchartrain as a waterspout.

LOUISIANA, Southwest

NOT RECEIVED.

MAINE, North

Piscataquis County

Milo	05	1450EST			0	0		Flood
	06	1000EST						

Low pressure tracking north across Maine brought heavy rain to the region. Rainfall totals of between 1.00 and 2.00 inches were reported across much of Piscataquis county. The combination of rain and melting snow contributed to rising water levels on area rivers and streams...which in some cases overflowed their banks. Route 16 was closed in the vicinity of Kingsbury when the Kingsbury Stream overflowed on to the road. The Pleasant River road was closed in the vicinity of Milo when the Pleasant River overflowed on to the road. Several other brooks and streams also overflowed their banks.

MEZ017-029>030

Central Washington - Coastal Hancock - Coastal Washington

	12	1900EST 2350EST			0	0		Blizzard
--	-----------	----------------------------	--	--	----------	----------	--	-----------------

Intense low pressure tracking just east of the Gulf of Maine to Nova Scotia brought heavy snow and strong winds to the region. Snowfall rates of 1 to 2 inches per hour were reported at times along the coast. The heavy snow and sustained winds of 30 to 40 mph...with gusts to 45 mph...combined to produce near zero visibilities in whiteout conditions along with extensive blowing and drifting snow. Blizzard conditions were reported across coastal portions of Hancock and Washington counties along with central Washington county. Storm snow totals ranged from 10 to 16 inches across coastal Washington County...with 6 to 10 inches reported across coastal Hancock county and central Washington county.

MEZ016

Interior Hancock

	12	2000EST 2350EST			0	0		Winter Storm
--	-----------	----------------------------	--	--	----------	----------	--	---------------------

Intense low pressure tracking just east of the Gulf of Maine to Nova Scotia brought heavy snow and strong winds to the region. The heavy snow and winds of 20 to 30 mph combined to produce near blizzard conditions at times along with extensive blowing and

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

MAINE, North

MEZ017>029>030

drifting snow. Storm snow totals ranged from 5 to 9 inches.

Central Washington - Coastal Hancock - Coastal Washington

17	1300EST								
18	0200EST			0	0				High Wind (G54)

Strong winds developed in advance of intensifying low pressure tracking northeast through the Saint Lawrence River Valley. South to southwest winds increased to sustained speeds of 25 to 35 mph...with gusts of 55 to 65 mph...in advance of an associated cold front. Strong gusty winds also occurred with a line of showers which accompanied the cold front crossing the region. Numerous reports of downed trees and snapped branches...some of which brought down power lines and utility poles...were received. Many customers lost power for varying lengths of time during the storm. Some roads were blocked due to fallen trees...power lines and utility poles.

MEZ001>002-005>006-011-015>016-032

Northwest Aroostook - Northeast Aroostook - Northern Penobscot - Southeast Aroostook - Central Penobscot - Southern Penobscot - Interior Hancock - Northern Washington

17	1700EST								
18	0200EST			0	0				High Wind (G56)

Strong winds developed in advance of intensifying low pressure tracking northeast through the Saint Lawrence River Valley. South to southwest winds increased to sustained speeds of 25 to 35 mph...with gusts of 55 to 65 mph...in advance of an associated cold front. Strong gusty winds also occurred with a line of showers which accompanied the cold front crossing the region. Numerous reports of downed trees and snapped branches...some of which brought down power lines and utility poles...were received. Many customers lost power for varying lengths of time during the storm. Some roads were blocked due to fallen trees...power lines and utility poles.

MEZ003>004-010-031

Northern Somerset - Northern Piscataquis - Central Piscataquis - Southern Piscataquis

17	2000EST								
18	0200EST			0	0				High Wind (G56)

Strong winds developed in advance of intensifying low pressure tracking northeast through the Saint Lawrence River Valley. South to southwest winds increased to sustained speeds of 25 to 35 mph...with gusts of 55 to 65 mph...in advance of an associated cold front. Strong gusty winds also occurred with a line of showers which accompanied the cold front crossing the region. Numerous reports of downed trees and snapped branches...some of which brought down power lines and utility poles...were received. Many customers lost power for varying lengths of time during the storm. Some roads were blocked due to fallen trees...power lines and utility poles.

MEZ001-003>004

Northwest Aroostook - Northern Somerset - Northern Piscataquis

26	0100EST								
	1030EST			0	0				Extreme Cold/Wind Chill

Northwest winds of 15 to 25 mph combined with temperatures of 5 to 10 below zero to produce wind chill values of around 35 below zero at times.

MAINE, South

MEZ023>024

Coastal York - Coastal Cumberland

01	0032EST								
	0119EST			0	0	21K			Storm Surge

Low pressure moved slowly up the mid Atlantic coast late in the day on the 30th and strengthened as it moved into the Gulf of Maine on the 31st. The storm continued to intensify before moving out to sea on February 1st.

Water reached the top of the Portland Pier. Another 20 feet of pavement were lost on Surf Street in Saco and waves splashed into the parking lot at the Camp Ellis Commercial Fishing Pier.

MEZ023>024

Coastal York - Coastal Cumberland

01	1210EST								
	1345EST			0	0	51K			Storm Surge

Low pressure moved slowly up the mid Atlantic coast late in the day on the 30th and strengthened as it moved into the Gulf of Maine on the 31st. The storm continued to intensify before moving out to sea on February 1st.

Water reached the top of the Portland Pier. Damage was reported to roads and seawalls at Kennebunk, Middle, and Gooches Beaches.

MEZ023>025

Coastal York - Coastal Cumberland - Sagadahoc

12	1500EST								
	2000EST			0	0				Heavy Snow

Low pressure moving up the east coast spread heavy snow into extreme southwest coastal Maine early on Sunday morning. By the time the storm began to wind down Sunday evening, snow fall amounts ranged from 6 to 12 inches.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

MAINE, South

MEZ007>009-012>014-018>028 **Northern Oxford - Northern Franklin - Central Somerset - Southern Oxford - Southern Franklin - Southern Somerset - Interior York - Interior Cumberland - Androscoggin - Kennebec - Interior Waldo - Coastal York - Coastal Cumberland - Sagadahoc - Lincoln - Knox - Coastal Waldo**

17	1200EST				0	0	125K		High Wind (G64)
	1900EST								

A very strong cold front raced across New Hampshire and western Maine on Friday, the 17th of February. Wind gusts of 60 mph or more were common with and following the frontal passage. Widespread damage occurred throughout the state with the majority of the destruction due to falling trees. Several roofs were also damaged or blown off. Total damage amounted to \$125,000. In addition 150,000 homes and businesses were left without power.

MEZ018-023

Interior York - Coastal York

25	2200EST				0	0			Heavy Snow
	26 0000EST								

Low pressure moving out of the eastern Great Lakes tracked across southern New England late on Saturday. Snowfall amounts from the storm by early Sunday morning ranged from 6 to 8 inches.

MARYLAND, Central

Frederick County

Libertytown 04 1945EST
1950EST 0 0 100K **Thunderstorm Wind (G55)**

Frederick County

Ridgeville 04 1945EST 0 0 10K **Thunderstorm Wind (G50)**

Carroll County

Westminster 04 2000EST 0 0 10K **Thunderstorm Wind (G50)**

Newspaper reports indicated significant damage to a log house near Libertytown in Frederick County, which occurred during the evening. A large old oak tree was downed, as well as a few other smaller trees. Trees and powerlines were also downed near Ridgeville and Westminster.

MDZ002>007-009>011-013>014-016>018

Allegany - Washington - Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert

11	2045EST				0	0	230K		Heavy Snow
	12 0900EST								

A historic snowstorm occurred between February 11-12 across the Mid-Atlantic. Storm total snowfall across much of Maryland ranged generally between 8-14 inches. A period of thundersnow occurred overnight and early in the morning of the 12th across portions of the northern Washington DC suburbs and the Baltimore suburbs of Maryland, where localized snowfall ranged between 14 to 22 inches. The highest snowfall total occurred at Columbia Hills, MD, in Howard County, where snowfall was 22.5 inches. There were also numerous reports of downed trees and powerlines, which caused significant power outages. Local utility companies reported total power outages of around 300,000 customers in the Washington/Baltimore region. Particularly hard hit were sections of Anne Arundel County, which had over 100 roads closed due to the combination of heavy snow and downed trees and powerlines. Amtrak reported major delays and cancellations all along the northeast rail corridor, which passes through both Baltimore and Washington, DC. There were also major delays at all 3 major hub airports in the region, Washington Dulles International, Washington Ronald Reagan National, and Baltimore/Washington Thurgood Marshall International.

MDZ003

Washington

17	0930EST				0	0	120K		High Wind (G55)
	0945EST								

High winds caused significant damage to a large barn on Highway 632, just south of Hagerstown.

A strong cold front brought very strong and gusty winds to the Mid-Atlantic on February 17. Scattered reports of downed trees and powerlines occurred across the region.

MDZ002-004>006-011

Allegany - Frederick - Carroll - Northern Baltimore - Southern Baltimore

17	0945EST				0	0	140K		Strong Wind
	1300EST								

A strong cold front brought very strong and gusty winds to the Mid-Atlantic on February 17. Wind gusts up to 50 mph occurred across the region. Scattered power outages occurred due to downed trees or powerlines across the area.

MDZ002>007-009>011-013>014-016>018

Allegany - Washington - Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert

23	0300EST				0	0			Dense Fog
	0800EST								

Areas of dense fog occurred during the early morning.

MDZ002

Allegany

24	1300EST				0	0	10K		Strong Wind
	1500EST								

Storm Data and Unusual Weather Phenomena

February 2006

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

MARYLAND, Central

Strong winds caused a fire tower to topple along WV Route 42.

MARYLAND, Northeast

MDZ008

Cecil

04	2200EST				0	0			High Wind (G50)
	2300EST								

Very strong northwest winds following a cold frontal passage mixed down to the ground around Elkton and knocked down several trees in the area.

MDZ008-012-015-019>020

Cecil - Kent - Queen Annes - Talbot - Caroline

12	0200EST				0	0			Winter Storm
	1200EST								

A major winter storm affected the northeastern United States, including the northern mid Atlantic region, during Saturday February 11th and Sunday February 12th. An area of low pressure developed along the Gulf Coast states on Friday February 10th, and began moving to the northeast toward the North Carolina coast during February 11th. The low continued to intensify rapidly as it moved east of the New Jersey coast on the morning of the 12th. Rain developed across central and southern portions of Maryland's Eastern Shore around 11 a.m. EST on Saturday February 11th. Snow overspread the rest of the region around 11 a.m. EST on Saturday from south to north. The precipitation initially was relatively light with temperatures either at or above freezing. The snow really increased in intensity from northeast Maryland, across eastern Pennsylvania and most of New Jersey around Midnight EST on Sunday the 12th. Even areas that saw rain to start, changed to snow during the mid to late morning hours on Sunday the 12th. The snow gradually ended from southwest to northeast around Noon EST on the 12th.

During intense snowfall rates and gusty winds on the early morning hours of the 12th, a couple of plows in Chestertown (Kent County) ran off the road, however none of the crews involved were injured. The 911 Center experienced a 10 minute power outage during the morning of the 12th. The combination of the heavy snow and gusty winds, downed several trees in Kent County. Some 26,500 Delmarva Power customers lost power on the peninsula. An individual was injured in a sledding accident in Fairlee (Kent County) on the 12th, however there were no details on any injuries. The American Red Cross reported blood shortages due to missed or cancelled donations directly related to the winter storm. In Easton (Talbot County), several school districts delayed the start of classes during the morning of the 13th, to allow for additional storm clean-up. In Cecil County, schools actually closed on the 13th to allow the clean-up to continue.

The Eastern Shore picked up a significant amount of snow, especially locations farther to the north. Some specific amounts include, 15.0 inches in Elkton (Cecil County), 12.0 inches in Tolchester (Kent County), 8.0 inches in Ridgely (Caroline County), and 7.5 inches in Cordova (Talbot County).

MDZ008-012-015-019>020

Cecil - Kent - Queen Annes - Talbot - Caroline

17	1100EST				0	0	10K		Strong Wind
	1700EST								

Strong west winds accompanied a cold frontal passage during the late morning of the 17th and persisted into the afternoon. Peak wind gusts averaged around 45 mph. The strong winds were caused by the pressure difference between an intensifying low pressure system that went northeast through the Saint Lawrence River Valley and a strong high pressure system that was building east from the Northern Plains.

MARYLAND, South

MDZ022>024

Wicomico - Somerset - Inland Worcester

12	0500EST				0	0			Winter Weather
	1300EST								

A winter storm produced one to three inches of snow across portions of the Lower Maryland Eastern Shore. The snow caused slippery driving conditions, which resulted in several accidents. The highest amounts were reported in Salisbury in Wicomico county 3", Nanticoke in Wicomico county 2.5", Snow Hill in Worcester county 1.5", Princess Anne in Somerset county 1", and Westover in Somerset county 1".

MDZ021

Dorchester

12	0900EST				0	0			Winter Storm
	1300EST								

A winter storm produced four to as much as seven inches of snow across Dorchester county. The snow caused hazardous driving conditions, which resulted in numerous accidents. The highest amounts were reported in Hurlock 7.5", and Cambridge 7".

MARYLAND, West

MDZ001

Garrett

12	0200EST				0	0			Heavy Snow
	0400EST								

Snow started the morning of 11th. Snow became heavy during the afternoon, and diminished by 4 AM on the 12th. Garrett County got 6 inches by 2 AM on 12th, and totaled 7 to 9 inches of snow. This area was on the northwest edge of a blizzard that struck New

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

MARYLAND, West

MDZ001

York City and the northeastern U.S.

Garrett

27 2200EST

0 0

Heavy Snow

28 0200EST

Snow began late in the afternoon of the 27th, and ended around 2 AM on 28th. The first six inches accumulated by 10 PM on 27th. By the time it ended, Friendsville accumulated 11 inches of snow; McHenry and Savage River got only 10 inches.

MASSACHUSETTS, Central and East

MAZ004

Northern Worcester

06 0900EST

0 0

100K

Winter Weather

1000EST

Bands of lake effect snow showers brought briefly heavy snow squalls to central Massachusetts during the mid to late morning of 6 February 2006. These snow squalls produced a quick dusting to almost 2 inches of snow, and visibilities that reduced to less than 1/4 inch at times across northern Worcester county. The snow melted and refroze on roadways, which resulted in 15 known automobile accidents in Gardner, 9 accidents in Athol, 2 in Westminster, and 1 in Hubbardston. In addition, Central Street in Gardner was shut down near Monument park when a school bus became stuck on a small hill. No known injuries directly resulted from these snow squalls.

MAZ004>007-011>024

Northern Worcester - Western Middlesex - Western Essex - Eastern Essex - Eastern Hampden - Southern Worcester - Western Norfolk - Southeast Middlesex - Suffolk - Eastern Norfolk - Northern Bristol - Western Plymouth - Eastern Plymouth - Southern Bristol - Southern Plymouth - Barnstable - Dukes - Nantucket

12 0600EST

0 0

200K

Winter Storm

2000EST

MAZ015-019-023>024

Suffolk - Eastern Plymouth - Dukes - Nantucket

12 0900EST

0 0

80K

Storm Surge/Tide

1320EST

MAZ019

Eastern Plymouth

12 1000EST

0 0

15K

Blizzard

1500EST

MAZ022

Barnstable

12 1606EST

0 0

10K

High Wind (G69)

1706EST

Low pressure centered off the Virginia coast intensified into a strong Nor'easter as it tracked about 75 miles southeast of Nantucket Sunday afternoon, 12 February 2006. This strong Nor'easter produced blizzard conditions, heavy snow, and coastal flooding across southeast New England. The accumulating snow began around 6 AM and ended from west to east between 5 PM and 8 PM.

Strong winds brought down tree limbs and wires, and reduced visibility in blowing snow to less than 1/4 mile at times. In Marshfield, blizzard conditions were met from 10 AM to 3 PM. Snowfall amounts across Massachusetts varied from around 6 inches across western locations...to between 1 and 1.5 feet across central and eastern locations.

In addition to the snow and wind, coastal flooding was reported at Oak Bluffs, various coastal communities in Plymouth county, on Nantucket, and in Winthrop. The flooding caused roads to close in these communities.

This snowstorm broke records in Massachusetts. The Boston Logan International Airport recording site measured 17.5 inches of snow, which is a record snowfall amount for the date, and the 11th greatest snow amount produced by a snowstorm since climate records began in Boston. The snowstorm produced the record daily maximum amount of snow for the date of 16.9 inches at the Worcester Airport.

No known injuries directly resulted from this winter storm.

MAZ003>016-018>019

Eastern Franklin - Northern Worcester - Western Middlesex - Western Essex - Eastern Essex - Western Hampshire - Western Hampden - Eastern Hampshire - Eastern Hampden - Southern Worcester - Western Norfolk - Southeast Middlesex - Suffolk - Eastern Norfolk - Western Plymouth - Eastern Plymouth

17 1000EST

1 3

1.9M

High Wind (G68)

1900EST

M46VE

MAZ021>022

Southern Plymouth - Barnstable

17 1100EST

0 0

30K

Strong Wind

1755EST

A strong cold front swept across southern New England from late Friday morning through the afternoon hours of 17 February 2006, producing high winds across most of Massachusetts. Southwest winds sustained between 20 and 30 MPH with gusts to around 60 MPH were common during this event. These winds brought down numerous trees, power poles, and wires across the state. Some of the downed trees landed on buildings and cars. One known fatality and three known injuries directly resulted from this high

Storm Data and Unusual Weather Phenomena

February 2006

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

MASSACHUSETTS, Central and East

wind event.

Part of a roof was torn off a car dealership building on Main Street in Greenfield, off an industrial building at Pleasant and Main Streets in Ashland, and off the sixteenth floor of the Green Building on the MIT campus in Cambridge. A utility pole was uprooted on River Road in Whately, on Wildwood Ave in Woburn, on Willow Road in Lynn, and on Rocky Hill Road in Hadley. Several utility poles came down in Lowell, 3 utility poles came down in Hubbardston, and one pole came down on Route 110 in Amesbury.

In South Hadley, a large tree limb fell on the Mount Holyoke Wilder Hall dormitory then slid off to fall 4 stories and land on the ground floor entrance porch, injuring one female student. A tree fell down on a house at 110 Hastings Street in Framingham, at 258 Willis Road in Sudbury, at 3 Wildrose Drive in Andover, at 47 Sugar Hill Road and at Jackson Street in Methuen, at 110 Osgood Street in North Andover, on Monument Street in Wenham, on Trask Street in Peobody, and on Peter Hobert Driver in Hingham.

In Haverhill, high winds brought down a large pine tree, which landed on the passenger side of a vehicle. The tree nearly cut the vehicle in half, critically injuring the 37 year old male passenger, and minorly injuring the 27 year old female driver.

During this high wind event, the Bedford Automated Surface Observing System (ASOS) measured a sustained wind of 44 MPH at 12:53 PM and a peak wind gust of 58 MPH at 12:52 PM. The Fitchburg ASOS measured a sustained wind of 44 MPH at 12:22 PM and a peak wind gust of 60 MPH at 12:21 PM. The Beverly ASOS measured a sustained wind of 43 MPH at 1:06 PM and a peak wind gust of 58 MPH at 1:06 PM. The Boston ASOS measured a sustained wind of 48 MPH at 1:15 PM and a peak wind gust of 58 MPH at 1:15 PM. The Blue Hill Observatory ASOS measured a sustained wind of 45 MPH at 11:53 AM.

One known fatality occurred when a tree fell on a pickup truck in Billerica, crushing the truck and the 46 year old man inside.

In summary, this high wind event of 17 February 2006 caused lots of damage across Massachusetts, including 1 fatality and 3 known injuries across the state.

MASSACHUSETTS, West

Berkshire County

North Adams Arpt

17 1056EST 0 0 Thunderstorm Wind (G58)

A wind gust of 58 miles an hour was measured at the airport in North Adams during a thunderstorm.

MAZ001

Northern Berkshire

17 1530EST 0 0 High Wind (G60)

Trees and wires were blown down in Adams.

MAZ025

Southern Berkshire

17 1600EST 0 0 High Wind (G60)

Trees and wires were blown down in Otis.

At daybreak on February 17, an intensifying low pressure was over the St Lawrence Valley of New York. It traveled rapidly down the St Lawrence Valley. An associated cold front moved across western New England around noon. A strong pressure gradient was over the region prior to, and after the cold frontal passage. Wind gusts in excess of 60 miles an hour, some associated with thunderstorms and some without thunder, left about 5,000 homes and businesses without electricity in Berkshire County.

MICHIGAN, East

MIZ049-054>055-061>063-068>070

Huron - Tuscola - Sanilac - Genesee - Lapeer - St. Clair - Livingston - Oakland - Macomb

05 0000EST 0 0 Winter Storm
1100EST

A powerful storm (also dubbed the Super Bowl Storm) initiated along the Gulf Coast States and moved north across Lake Erie Saturday night. This resulted in up to 10 inches of snow in an area extending from the intersection of M59 and US23 northeastward through the thumb region of Michigan. Unseasonably warm air ahead of this system led to a period of moderate rain Saturday morning and into the early afternoon. By mid afternoon the rain had changed over to a very wet snow and for the most part continued to melt as it fell while temperatures remained above freezing. At sunset, temperatures fell to the freezing mark and snow began accumulating around 1800 EST on the 4th and reached 6 inches by midnight. Snowfall rates of around 2 inches an hour occurred across portions of the thumb overnight. The large wet snowflakes easily stuck to rain soaked trees. The weighted trees were further stressed by northwest winds gusting to 35 mph and caused many branches to break. Approximately 30,000 customers lost power with 15 electrical wires down in Lapeer County alone. Accumulating snow ended at 1100 EST on the 5th. Effects from this storm continued to be felt on Monday and Tuesday as most schools across the thumb region closed as a result of the blowing and drifting snow on Sunday.

Here are some of the higher snowfall reports received from each county:

Bad Axe (Huron) 8 inches
Fairgrove (Tuscola) 10 inches
Brown City (Sanilac) 8 inches
Burton (Genesee) 7.8 inches
Metamora (Lapeer) 9.5 inches

Storm Data and Unusual Weather Phenomena

February 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, East

Capac (St. Clair) 6.5 inches
 Tyrone (Livingston) 9.0 inches
 Clarkston (Oakland) 9.3 inches
 Washington (Macomb) 6.5 inches

MIZ047>048-053

Midland - Bay - Saginaw

16	1600EST	0	0	1M	Ice Storm
	2200EST				

A significant ice storm hit the Tri Cities as warm air aloft surged north ahead of a warm front. The front made it as far north as Flint before stalling out. North of the front, surface temperatures remained below freezing. Three rounds of thunder freezing rain, some of which had hail up to 1/2 inch in diameter, pelted the Tri Cities on the afternoon of Thursday February 16. The ice began to accumulate right around noon and continued all afternoon and evening. The first round of thunderstorms occurred just prior to 1500 EST, followed by another round the following hour. The 3rd and final round struck between 1900 and 2000 EST and hit the hardest. The ASOS at MBS recorded an amazing 91 hundredths of an inch of precipitation during the entire duration of the frozen precip. Scores of trees and power lines were brought down under the weight of the ice. The heaviest icing occurred across Midland and Bay counties where widespread ice accumulations 1/2 to 1 inch caused significant damage which resulted in power outages for much of the region. The coldest air of the season settled into the area on the 17th. The thermometer plummeted to 0 degrees by sunrise on the 18th. Frigid temperatures, well below normal, continued through the weekend. Many remained without power for days. In response, Red Cross and public schools in the area opened temporary warming shelters to accommodate those without power. Insurance companies estimated the total damage across the three County region at \$1M.

Genesee County

2 S Swartz Creek

16	1940EST	0	0		Thunderstorm Wind (G60)
-----------	----------------	----------	----------	--	--------------------------------

Downburst winds took down 15 trees and power lines which blocked Ried and Morrish Roads.

Genesee County

4 W Burton

16	1943EST	0	0		Thunderstorm Wind (G50)
-----------	----------------	----------	----------	--	--------------------------------

A tree 15 inches in diameter fell and siding was ripped from a house.

Macomb County

Macomb

17	0800EST	0	0	5K	Flood
	1800EST				

Heavy rain around 2 inches on Thursday the 16th, coupled with frozen ground and melting of a snowpack around 1 foot, led to flooding along the Clinton River. This prompted the closure of several roadways, including sections of 21 Mile Road in Macomb Township where 2 feet of water flowed across the road throughout the day on Friday.

MICHIGAN, Extreme Southwest

Cass County

Edwardsburg

16	1845EST	0	0		Hail (0.88)
	1846EST				

Cass County

Edwardsburg

16	1846EST	0	0		Thunderstorm Wind (G50)
	1847EST				

Several trees were blown down.

MICHIGAN, North

MIZ008-016>019-021>024-026>030-036-042

Chippewa - Emmet - Cheboygan - Presque Isle - Charlevoix - Antrim - Otsego - Montmorency - Alpena - Grand Traverse - Kalkaska - Crawford - Oscoda - Alcona - Iosco - Arenac

05	0400EST	0	0		Winter Storm
06	1400EST				

A low pressure system strengthened rapidly as it moved northward, passing by Georgian Bay on the 5th. Heavy snow on the west side of the system arrived late in the day on the 4th, with the heaviest snow in Northeast Lower Michigan. There was a gradual transition to lake effect snow late on the 5th and into the 6th as the system departed and cold air flooded the region. By then, the heavier snow shifted into the snowbelts of Eastern Upper and Northwest Lower Michigan. Strong and gusty winds, starting from the east and eventually turning to the northwest, produced blowing and drifting snow throughout the storm. Snowfall totals were in excess of 10 inches across a broad portion of North Central and Northeast Lower Michigan. Maximum accumulations, 16 to 18 inches, occurred near Alpena and Rogers City. The snow and winds contributed to a fatal auto accident near Spratt in Alpena County, when a pickup truck skidded off M-65 into a ditch and overturned, killing the driver. Heavy snowfall was somewhat less widespread in the lake effect snowbelts to the west of I-75, but there were still storm totals near in foot in spots near Whitefish Bay, as well as north of M-72.

MIZ020

Leelanau

12	1500EST	0	0		Lake-Effect Snow
	2200EST				

Lake effect snow showers on weak west-northwest winds dumped locally heavy snow in Leelanau County. Lake Leelanau, Leland, and Maple City all saw between six and eight inches of snow.

Storm Data and Unusual Weather Phenomena

February 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

MIZ025>027

Benzie - Grand Traverse - Kalkaska

14 2030EST

0 0

Heavy Snow

15 0300EST

A weak low pressure system moved across southern Lower Michigan on the night of the 14th. Snow north of this system focused in a narrow west-to-east band, and was locally heavy. Six to seven inches of snow fell from Lake Ann, eastward to Kalkaska. A small area of six inch accumulations occurred in and just east of Mancelona.

MIZ008-016>036-041>042

Chippewa - Emmet - Cheboygan - Presque Isle - Charlevoix - Leelanau - Antrim - Otsego - Montmorency - Alpena - Benzie - Grand Traverse - Kalkaska - Crawford - Oscoda - Alcona - Manistee - Wexford - Missaukee - Roscommon - Ogemaw - Iosco - Gladwin - Arenac

16 1300EST

0 0

Winter Storm

18 0800EST

A powerful winter storm moved from Missouri to Southern Lower Michigan on the 16th, bringing several waves of precipitation. The initial band of snow lifted northward into the region in the pre-dawn hours, bringing 2 to 6 inches of snow to most of Northern Lower Michigan (generally south of M-68). After a lull, very heavy precipitation arrived in the afternoon. This fell as rain and freezing rain south of a line from Houghton Lake to Harrisville, and snow to the north. Thunder was common in this portion of the event, with 1 to 2 inch per hour snow accumulations (locally higher), and a quarter to a half inch of ice accumulation in places like Gladwin and Tawas City. Another lull arrived in the evening, before wraparound snow and lake effect snow kicked in during the night and continued into the next day. Parts of Chippewa County saw the snow continue into the 18th. Storm total accumulations were from 6 to 15 inches, generally south of M-28, and north of Houghton Lake and Harrisville. The highest accumulations, greater than a foot, were in a narrow band from Frankfort to Gaylord to Rogers City. Strong winds, especially during the afternoon of the 16th through the 17th, produced considerable blowing snow and drifts as high as 4 feet. Many areas schools let out early on the 16th (a Thursday), in anticipation of the heavier round of snow expected that afternoon. That would prove wise, as there were a number of vehicle accidents in the near-zero visibility that the thundersnow produced. A number of schools remained closed into the 17th. There were a number of power outages, especially where ice accumulations were highest, as the strong winds (gusts to 35 mph) brought down ice-covered tree limbs. Some places went without power for several days.

MIZ008-016>019-021>024

Chippewa - Emmet - Cheboygan - Presque Isle - Charlevoix - Antrim - Otsego - Montmorency - Alpena

25 0030EST

0 0

Heavy Snow

0530EST

Low pressure moved east across Central Lower Michigan on the night of the 24th. Heavy snow, 6 to 8 inches worth, fell north of the low, across far Northern Lower Michigan, and extreme Southeast Upper Michigan. The heaviest snow, 8 inches, fell from Onaway to Hillman, as well as in De Tour Village.

This was the last heavy snow event in February, a month littered with snow events, big and small. Monthly snowfall totals were, in some locations, record-setting. Alpena picked up 35.3 inches of snow during the month, breaking the old February record of 33.4 inches set back in 1967. The NWS office near Gaylord saw 52.3 inches of snow during the month, also a February record for the short 10-year history of the office (old record: 45.5 inches in 2004). Tahquamenon Falls State Park also set a new February mark with 78.3 inches of snow (old record: 70.1 inches in 2001).

MICHIGAN, Upper

MIZ012>013

Menominee - Delta

03 1600CST

0 0

Heavy Snow

04 0500CST

MIZ007-009

Luce - Gogebic

04 0400EST

0 0

Lake-Effect Snow

06 1500EST

A low pressure area over northern Lake Michigan dropped heavy snow over portions of south central Upper Michigan on the evening of the 23rd and morning of the 24th. Reported 12-hour snow amounts included 8 inches at Powers in Menominee County and 8-10 inches in the Gladstone area of Delta County.

Deepening low pressure over the eastern Great Lakes and eastern Ontario helped draw colder Canadian air across Lake Superior from the 24th through the 26th. As a result, heavy lake effect snows off Lake Superior occurred over portions of west and central Upper Michigan. Ironwood measured 10 inches of snow in 24 hours on the 4th and 5th while Newberry received 10 inches in 12 hours on the 5th. Blowing and drifting of snow on side roads forced the closure of Tahquamenon Area schools on the 6th.

MIZ001-001>003-003-005>007-012>014-084>085

Keweenaw - Ontonagon - Northern Houghton - Marquette - Alger - Luce - Menominee - Delta - Southern Schoolcraft - Southern Houghton - Northern Schoolcraft

16 0700EST

0 0

Winter Storm

18 1300EST

MIZ001-003

Keweenaw - Northern Houghton

17 1300EST

0 0

Blizzard

2300EST

Storm Data and Unusual Weather Phenomena

February 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, Upper

MIZ009>011-013	Gogebic - Iron - Dickinson - Delta								
	17	1800CST			0	0			Extreme Cold/Wind Chill
	18	0900CST							
MIZ001>007-012-014-084>085	Keweenaw - Ontonagon - Northern Houghton - Baraga - Marquette - Alger - Luce - Menominee - Southern Schoolcraft - Southern Houghton - Northern Schoolcraft								
	17	2200EST			0	0			Cold/Wind Chill
	18	0900EST							

Low pressure originating over the southern Plains deepened rapidly as it moved into the Great Lakes region on the afternoon and evening of the 16th. Deep moisture associated with this system brought heavy synoptic and lake-enhanced snow to portions of central Upper Michigan on the 16th and 17th. Measured 12-hour snowfall amounts included 6 inches in Gladstone and Cornell in Delta County, 7 inches in Menominee, 7 inches at Cooks in southern Schoolcraft County and 8 inches at Rainbow Lodge in Luce County. 24-hour lake-enhanced snowfall amounts included 16.7 inches at the National Weather Service in Marquette, 13 inches south of Grand Marais in Alger County and 10 inches at Seney in northern Schoolcraft County.

A blast of arctic air behind the departing low brought another round of briefly heavy lake effect snow and near-blizzard to blizzard conditions to western Upper Michigan on the 17th and 18th. Snowfall amounts generally ranged from 3 to 6 inches across much of Ontonagon, Houghton and Keweenaw counties while wind gusts of 30 mph or more lowered visibilities to one-half mile or less. Frequent wind gusts to 35 mph or more and visibilities below one-quarter mile lead to blizzard conditions over the Keweenaw Peninsula during the afternoon hours.

Wind chill values also fell to 35 to 45 below zero at the automated observing sites at Ironwood, Iron Mountain and Escanaba on the evening of the 17th and morning of the 18th. Across the rest of west and central Upper Michigan wind chill readings commonly fell into the 25 to 35 below zero range.

MIZ003	Northern Houghton								
	21	2000EST			0	0			Lake-Effect Snow
	22	0000EST							
MIZ002-004>006-009>014-084	Ontonagon - Baraga - Marquette - Alger - Gogebic - Iron - Dickinson - Menominee - Delta - Southern Schoolcraft - Southern Houghton								
	24	1400EST			0	0			Heavy Snow
	25	1000EST							

A potent Alberta Clipper system helped generate a dominant lake effect snow band over northern Houghton County on the evening of the 21st. This lake effect band pounded Calumet with 12 inches of snow in three and a half hours.

A strong low pressure system originating over the Northern Rockies brought heavy snow to much of west and central Upper Michigan on the evening of the 24th and morning of the 25th. 12-hour snowfall amounts included 7 inches at Fortune Lake and Norway, 8 inches at Watersmeet and Bergland and 9 inches at Amasa. 24-hour totals included 8 inches at Cooks, 9 inches at Spalding in Menominee County, 10 inches at Herman, 11 inches at Gladstone and the National Weather Service in Marquette, 12 inches at Kenton and 14 inches each at Chatham and 5 miles west of Michiganme.

MICHIGAN, West

MIZ037>038	Mason - Lake								
	16	0000EST 2359EST			0	0			Heavy Snow
MIZ039>040-043>046-051>052-056>058	Osceola - Clare - Oceana - Newaygo - Mecosta - Isabella - Montcalm - Gratiot - Ottawa - Kent - Ionia								
	16	0000EST 2359EST			0	0	1M		Ice Storm

A major ice storm developed across much of central lower Michigan producing around a quarter to half inch of ice accumulation between Route 10 and I-96. Thousands of homes lost power from just north of Grand Rapids to Lansing north to Route 10 and many areas did not have power for three to five days. There were numerous reports of downed trees and power lines all across that area. Just north and northwest of that area precipitation mainly fell in the form of snow, and six to eight inches of snow fell across northern Mason and Lake counties.

MINNESOTA, Central and South Central

MNZ078-085-092>093	Goodhue - Steele - Faribault - Freeborn								
	15	1900CST			0	0			Winter Storm
	16	2000CST							

A surface low pressure system moved out of the Four Corners area on the 14th, reached South Central Nebraska during the afternoon of the 15th. By the late afternoon on the 16th, the storm center had moved east into Central Illinois. A narrow band of heavy snow fell Southeast of a line from Frost to Wells to Merton. Some snow totals of note during this event include Kiester 7 inches, Wells 7 inches, Albert Lea 6 inches, Merton 5 inches. Sustained winds in the 10 to 20 mph range also contributed to blowing and drifting snow.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

MINNESOTA, Northeast

MNZ010>012-018>021-025>026-033>038 **Koochiching - Northern St. Louis - Northern Cook / Northern Lake - Northern Itasca - Central St. Louis - Southern Lake - Southern Cook - Northern Cass - Southern Itasca - Southern Cass - Crow Wing - Northern Aitkin - Southern Aitkin - Southern St. Louis / Carlton - Pine**

16	1800CST		0	0	
18	1200CST				Extreme Cold/Wind Chill

Temperatures from -15 to -25 along with winds of 15 to 20 mph created wind chills of -45 to -55 across much of northern Minnesota through the period. Wind chills dropped that low elsewhere across the rest of the DLH CWA. Duluth International Airport had a low of -19 with winds at 20 mph caused wind chills of -40 to -50 on the 17th.

MNZ020-025>026-035-037 **Southern Lake - Northern Cass - Southern Itasca - Northern Aitkin - Southern St. Louis / Carlton**

24	0900CST 1800CST		0	0	
					Heavy Snow

A fast and hard-hitting snow storm spread across Northeast Minnesota by mid morning. The storm laid down 6 to 14 inches of snow in a 30 mile-wide area from Walker, MN to Duluth. Over 12 inches fell just inland from Lake Superior from the Duluth area to Two Harbors. Snowfall rates of 2 inches per hour were common in this area. The snow tapered off by Friday evening.

MINNESOTA, Northwest

MNZ001>009-013>017-022>024-027>032-040 **West Polk - Norman - Clay - Kittson - Roseau - Lake Of The Woods - West Marshall - East Marshall - North Beltrami - Pennington - Red Lake - East Polk - North Clearwater - South Beltrami - Mahnomen - South Clearwater - Hubbard - West Becker - East Becker - Wilkin - West Otter Tail - East Otter Tail - Wadena - Grant**

16	1800CST		0	0	
18	1021CST				Extreme Cold/Wind Chill

Arctic high pressure built southeast out of western Canada, settling across eastern Montana and the central plains. Eastern North Dakota and the northwest quarter of Minnesota remained on the eastern edge of the surface high, with just enough of a surface pressure gradient to allow wind speeds to stay in the 10 to 15 mph range. On the morning of the 17th, temperatures ranged from -20F to -30F. Only a bit of recovery occurred during the day, with temperatures peaking about -10F to -15F. On the morning of the 18th, temperatures fell back to -20F to -30F. This kept wind chill temperatures in the -40F to -60F range.

MNZ001>002-014>017-022>024-027>028 **West Polk - Norman - Red Lake - East Polk - North Clearwater - South Beltrami - Mahnomen - South Clearwater - Hubbard - West Becker - East Becker**

24	0758CST 1856CST		0	0	
					Winter Storm

A surface low tracked from eastern Montana, along the North Dakota/South Dakota border, and into southern Minnesota. A band of 9 to 11 inches of snow fell in a 10 to 20 mile wide band north of the low track, basically along a Shelly to Bejou to Guthrie line. Snowfall amounts quickly tapered off on either side of this band. Several schools located along the heaviest band of snow closed for the day.

MNZ003

Clay

24	1126CST 1856CST		0	0	
					Winter Storm

Snowfall amounts ranged from 6 to 7 inches over northern Clay county to 1 to 3 inches across the southern part of the county.

MINNESOTA, Southeast

MNZ079-086>088-094>096 **Wabasha - Dodge - Olmsted - Winona - Mower - Fillmore - Houston**

15	1800CST		0	0	
16	2000CST				Winter Storm

Southeast Minnesota was hit by a winter storm that produced total snow accumulations of 5 to 9 inches. Some of the higher amounts reported by volunteer weather observers included 9.0 inches near Caledonia (Houston County), 8.8 inches near La Crescent (Houston County), 8.4 inches at Preston (Fillmore County), 8.0 inches near Winona (Winona County) and 7.8 inches near Chatfield (Olmsted County). Strong northwest winds accompanied the storm, which caused considerable blowing and drifting, along with wind chills of 20 below to 30 below.

MINNESOTA, Southwest

MNZ071>072-080>081 **Lincoln - Lyon - Murray - Cottonwood**

17	0000CST 2200CST		0	0	
					Cold/Wind Chill

Temperatures below zero...accompanied by winds averaging 20 mph and gusting over 30 mph...caused wind chill readings to lower to the 35 to 40 below zero range for most of the day.

Storm Data and Unusual Weather Phenomena

February 2006

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

MINNESOTA, West

NONE REPORTED.

MINNESOTA, West Central

NONE REPORTED.

MISSISSIPPI, Central

Humphreys County

3 WSW Belzoni to 2 N Belzoni	02	0716CST 0725CST			0	0			Hail (0.88)
---------------------------------	----	--------------------	--	--	---	---	--	--	--------------------

A swath of dime to nickel sized hail fell from just west of Belzoni to a few miles north of town.

Choctaw County

Ackerman	02	0850CST			0	0			Hail (0.75)
----------	----	---------	--	--	---	---	--	--	--------------------

Warren County

2 NNW Eagle Bend to 3 NE Eagle Bend	03	1220CST 1226CST			0	0			Hail (0.75)
--	----	--------------------	--	--	---	---	--	--	--------------------

Issaquena County

8 SW Valley Park to 6 SW Valley Park	03	1225CST 1230CST			0	0			Hail (0.75)
---	----	--------------------	--	--	---	---	--	--	--------------------

Washington County

1 W Hollandale to 3 NE Hollandale	03	1223CST 1226CST			0	0			Hail (0.88)
--------------------------------------	----	--------------------	--	--	---	---	--	--	--------------------

Warren County

6 NW Vicksburg to 1 NE Youngton	03	1328CST 1409CST			0	0	500K		Hail (1.75)
------------------------------------	----	--------------------	--	--	---	---	------	--	--------------------

Issaquena County

12 S Valley Park	03	1337CST 1342CST			0	0			Hail (1.75)
------------------	----	--------------------	--	--	---	---	--	--	--------------------

Hinds County

9 W Brownsville to 3 SE Pocahontas	03	1407CST 1457CST			0	0	200K		Hail (1.75)
---------------------------------------	----	--------------------	--	--	---	---	------	--	--------------------

Madison County

5 SW Flora to 3 SE Farmhaven	03	1435CST 1535CST			0	0	1M		Hail (1.75)
---------------------------------	----	--------------------	--	--	---	---	----	--	--------------------

This large supercell thunderstorm moved out of Northeast Louisiana into Northwest Warren county and then tracked east-northeast across central portions of Mississippi. This storm produced a swath of penny to quarter to golf ball sized hail from just north of Vicksburg, across extreme northern Hinds county and into southern Madison county near Annandale and just west of Gluckstadt. This large hail damaged homes, broke windows and damaged automobiles as it moved across West-Central Mississippi. This storm continued to track across Central Mississippi but began to change and weaken some across far eastern Madison county and then began to produce smaller hail around the size of pennies and quarters as it moved east.

Claiborne County

5 W Alcorn to 8 E Hermanville	03	1412CST 1457CST			0	0	400K		Hail (1.75)
----------------------------------	----	--------------------	--	--	---	---	------	--	--------------------

Jefferson County

12 WNW Lorman to 6 NW Lorman	03	1412CST 1425CST			0	0			Hail (1.00)
---------------------------------	----	--------------------	--	--	---	---	--	--	--------------------

Copiah County

9 W Dentville to 1 E Georgetown	03	1450CST 1541CST			0	0	500K		Hail (1.75)
------------------------------------	----	--------------------	--	--	---	---	------	--	--------------------

Copiah County

Hazlehurst	03	1518CST			0	0	10K		Thunderstorm Wind (G50)
------------	----	---------	--	--	---	---	-----	--	--------------------------------

This large supercell thunderstorm moved out of West-Central Louisiana from Tensas parish and into Southwest Mississippi along the Mississippi River near the Jefferson-Claiborne county lines. This storm produced a swath of penny to golf ball sized hail across Claiborne county and into Copiah county as it tracked nearly due east. This large hail damaged automobiles and homes. The main core of the storm moved from just west of Alcorn to a few miles south of Port Gibson to Hermanville and then to Dentville. All these locations received golf ball sized hail. The storm then re-organized and produced golf ball sized hail in and around Hazlehurst and blew signs and mail boxes down. The storm continued to produce large hail as it moved east across the Georgetown Community and then into Simpson county.

Storm Data and Unusual Weather Phenomena

February 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									
Yazoo County									
2 NE Midway to 6 NE Midway	03	1435CST 1443CST			0	0			Hail (0.75)
Holmes County									
3 S Ebenezer to 1 NE Goodman	03	1442CST 1509CST			0	0			Hail (0.75)
A swath of dime to penny hail fell across extreme North-Central Yazoo county, near the Midway Community, then across Southeast Holmes county to around Goodman. This storm continued to get better organized as it moved into and across Attala county.									
Attala County									
8 SW Sallis to 7 SE Ethel	03	1508CST 1604CST			0	0	20K		Hail (1.75)
Choctaw County									
2 N Weir to 5 ENE Ackerman	03	1610CST 1625CST			0	0			Hail (0.88)
Choctaw County									
Weir to Ackerman	03	1618CST 1626CST			0	0			Thunderstorm Wind (G60)
Many trees were blown down within a swath from around Weir to Ackerman.									
Oktibbeha County									
2 W Sturgis to 6 S Starkville	03	1625CST 1646CST			0	0			Hail (0.75)
Oktibbeha County									
Sturgis	03	1635CST			0	0	10K		Thunderstorm Wind (G55)
Several trees were blown down along with a few power lines.									
Winston County									
8 NNE Louisville	03	1635CST			0	0			Thunderstorm Wind (G53)
A few trees were blown down across a road. This storm moved out of Southwest Holmes county and tracked east-northeast across Attala county, southern Choctaw county, extreme northern Winston county and finally southern Oktibbeha county. A swath of nickel to golf ball sized hail fell across portions Central Attala county. The storm transformed into more of a "bow echo" type storm and began producing wind damage across southern Choctaw, northern Winston and Southwest Oktibbeha counties. Additionally, hail continued to fall, but was slightly smaller than what occurred in Attala county. The hail was generally dime to penny sized and occurred along a swath from Weir to Ackerman to Sturgis.									
Rankin County									
5 N Sand Hill to 7.5 NE Sand Hill	03	1526CST 1535CST			0	0	20K		Hail (1.75)
Scott County									
4 W Ludlow to Ludlow	03	1535CST 1546CST			0	0			Hail (0.88)
Leake County									
7 W Lena to 3 SE Madden	03	1543CST 1617CST			0	0			Hail (0.88)
The large supercell thunderstorm continued out of Eastern Madison county and moved across the extreme northern tip of Rankin county and then across extreme Northwest Scott county and finally across all of southern Leake county. The supercell was going through cycles and actually produced golf ball sized hail just north of the Sand Hill Community in northern Rankin county. After that, the hail size became a bit smaller. A swath of penny to nickel sized hail fell around the Ludlow area to around Lena to just south of Madden before the storm moved into Neshoba county.									
Simpson County									
3 W Union to 4 E Magee	03	1541CST 1632CST			0	0	50K		Hail (1.75)
Smith County									
6 W Mize to 8 NE Taylorsville	03	1627CST 1655CST			0	0	20K		Hail (1.25)
A large, long track, supercell thunderstorm moved out of eastern Copiah county and tracked east across all of Simpson and Smith counties. The hail swath was quite large at times, especially across Simpson county, where penny to nickel sized hail fell from around the Union Community to D'lo to Pinola and through Magee. The largest hail fell around and east of Magee where golf ball sized hail occurred. The storm continued into Smith county just west of Mize. As the storm moved through Mize, quarter to half dollar sized hail occurred. The storm continued eastward, producing more penny to nickel sized hail as it moved into Jasper county.									

Storm Data and Unusual Weather Phenomena

February 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									
Jefferson Davis County									
5 N Mt Carmel to 6 NNE Mt Carmel	03	1627CST 1630CST			0	0			Hail (0.75)
Covington County									
6 WSW Mt Olive to 4 NE Hot Coffee	03	1629CST 1655CST			0	0			Hail (1.00)
Jones County									
7 W Soso to 5 NE Soso	03	1654CST 1714CST			0	0			Hail (1.00)
This thunderstorm developed in northern Jefferson Davis county and tracked across extreme northern Covington county and then across Northwest Jones county before moving into southern Jasper county. This storm produced a swath of penny to quarter sized hail from the Clem Community to Mt Olive to around Soso and then to Moss.									
Neshoba County									
4 NW House	03	1650CST			0	0			Hail (0.88)
Newton County									
2 S Little Rock to Duffee	03	1658CST 1710CST			0	0	20K		Hail (1.75)
Lauderdale County									
4 W Collinsville to 7 NE Lauderdale	03	1710CST 1755CST			0	0			Hail (0.88)
This thunderstorm strengthened over Northeast Newton county and briefly produced dime to golf ball sized hail. The storm then moved east near the Duffee Community and then into Northwest Lauderdale county. From here, the storm produced a swath of dime to nickel sized hail all across northern Lauderdale county.									
Covington County									
1 SE Seminary to 5.5 E Seminary	03	1708CST 1715CST			0	0			Hail (1.00)
Jones County									
12 W Ellisville to Tuckers Crossing	03	1714CST 1734CST			0	0			Hail (1.00)
This thunderstorm intensified over southern Covington county and produced a swath of penny to quarter sized hail from near Seminary to just east of Ellisville.									
Jasper County									
4 W Moss to 4 ESE Heidelberg	03	1710CST 1740CST			0	0			Hail (1.00)
Clarke County									
12 W Shubuta to 3 E Shubuta	03	1736CST 1802CST			0	0			Hail (1.00)
This storm moved out of Northwest Jones county and into southern Jasper county just west of Moss. The storm produced a swath of penny to quarter sized hail all across the southern portion of Jasper county from Moss to Heidelberg. The storm moved east into Southwest Clarke county and continued to produce penny to quarter sized hail as it moved through Shubuta.									
Lowndes County									
6 SW Columbus	03	1730CST			0	0			Hail (0.75)
Jasper County									
Rose Hill	03	1735CST			0	0			Hail (0.75)
Jasper County									
Louin	06	1450CST			0	0			Hail (0.75)
Jefferson Davis County									
2 W Prentiss to 1 N Prentiss	06	1507CST 1511CST			0	0			Hail (1.00)
Lincoln County									
5 NE Brookhaven to 7 ENE Brookhaven	06	1528CST 1530CST			0	0			Hail (1.00)
Clarke County									
1 W Pachuta to 5 N Quitman	06	1532CST 1540CST			0	0			Hail (0.75)
MSZ018>019 Bolivar - Sunflower									
18		1200CST 1500CST			0	0	60K		Ice Storm

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

MISSISSIPPI, Central

Freezing rain began falling during the morning hours of the 18th and light icing occurred for several hours across a portion of the Mississippi Delta region. By late morning and around noon, ice accumulations reached 1/4 inch across northern portions of Bolivar county and extreme northern portions of Sunflower county. Many bridges in this area were iced over along with icing on trees and power lines. The ice accumulation ended before much damage occurred and at its greatest was generally around 1/4 inch before evaporating and melting some during the evening.

**MSZ032>033-
036>038-042>044**

Choctaw - Oktibbeha - Holmes - Attala - Winston - Yazoo - Madison - Leake

20	0800CST 1400CST			0	0	1.3M		Ice Storm
-----------	----------------------------	--	--	----------	----------	-------------	--	------------------

During the early morning hours of February 20th, and lasting through early afternoon, portions of the region saw periods of freezing rain. The amount of accumulation varied with only a narrow corridor from Northeast Louisiana to portions of Northeast Mississippi receiving 1/4 to 1/2 of an inch of ice accumulation. A large portion of the region did see freezing rain, but for the most part, accumulations of ice stayed below 1/4 of an inch. Across Northeast Louisiana, the core of heaviest freezing rain occurred from Southwest Richland parish across Northern Franklin parish into the west half of Madison parish. Here 1/4 to 0.4 inches of ice occurred and caused bridges and overpasses to freeze over and ice to weigh down trees and power lines. Across Central and Northeast Mississippi, the core of freezing rain was a bit larger and extended from eastern Yazoo to Northeast Winston county. Here 1/4 to 0.6 inches of ice accumulation occurred. Many bridges and overpasses were iced over along with ice on trees and power lines.

For the most part, damage remained minimal as the corridor that was affected was rather narrow. Additionally, this ice event occurred during the morning and mid-day hours of a federal holiday, Presidents' Day. Due to the holiday, schools were off and many businesses were closed resulting in much less road traffic than usual.

MISSISSIPPI, North

**MSZ001>003-
007>008**

De Soto - Marshall - Benton - Tunica - Tate

10	1100CST 2300CST			0	0	5K		Winter Storm
-----------	----------------------------	--	--	----------	----------	-----------	--	---------------------

The combination of a surface low moving across the northern Gulf coast and a southward moving arctic front produced significant winter weather over Northwest Mississippi. Between 2 and 4 inches of snow over this area.

MSZ001>017

De Soto - Marshall - Benton - Tippah - Alcorn - Tishomingo - Tunica - Tate - Prentiss - Coahoma - Quitman - Panola - Lafayette - Union - Pontotoc - Lee - Itawamba

18	0600CST 2100CST			0	0	17K		Winter Storm
-----------	----------------------------	--	--	----------	----------	------------	--	---------------------

A mix of snow, sleet and freezing rain fell on much of North Mississippi. Over extreme northwest portions of the state, about 1" of a mix of snow and sleet fell along with 1/4" of ice accumulation. Across the remainder of North Mississippi about 1/2" to 1" of sleet fell along with 1/4" of ice accumulation.

MISSISSIPPI, South

**Harrison County
Gulfport**

02	0330CST			0	0			Lightning
-----------	----------------	--	--	----------	----------	--	--	------------------

Lightning struck a home causing a fire that destroyed the roof, attic and second floor of the house.

**Pearl River County
Picayune**

02	0340CST			0	0			Thunderstorm Wind (G50)
-----------	----------------	--	--	----------	----------	--	--	--------------------------------

Numerous trees were blown.

MISSISSIPPI, Southeast

NONE REPORTED.

MISSOURI, East

**Franklin County
2 SE New Haven**

16	1405CST			0	0			Hail (0.88)
-----------	----------------	--	--	----------	----------	--	--	--------------------

Storm spotters reported nickel size hail southeast of New Haven.

**St. Charles County
2 NW Defiance**

16	1430CST			0	0			Hail (1.00)
-----------	----------------	--	--	----------	----------	--	--	--------------------

A storm spotter reported 1 inch hail northwest of Defiance.

**Warren County
2 E Marthasville**

16	1430CST			0	0			Hail (0.88)
-----------	----------------	--	--	----------	----------	--	--	--------------------

A storm spotter reported nickel size hail just east of Marthasville.

**Gasconade County
5 S Bland**

16	1440CST			0	0			Hail (1.00)
-----------	----------------	--	--	----------	----------	--	--	--------------------

The public reported 1 inch hail south of Bland.

Storm Data and Unusual Weather Phenomena

February 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	16	1442CST			0	0	5K		Hail (1.00)
									Hail up to 1 inch in diameter covered the ground at the National Weather Service office. Several cars in the parking lot were damaged by the hail.
Franklin County									
1 W Sullivan	16	1450CST			0	0			Hail (0.88)
									A storm spotter reported nickel size hail just west of Sullivan.
St. Louis County									
Maryland Hgts	16	1457CST			0	0	50K		Hail (2.75)
St. Louis County									
Maryland Hgts	16	1502CST			0	0			Hail (2.50)
St. Louis County									
Bridgeton	16	1505CST			0	0	10K		Hail (3.00)
St. Louis County									
Bridgeton	16	1505CST			0	0			Hail (1.50)
St. Louis County									
Hazelwood	16	1505CST			0	0	50K		Hail (0.75)
St. Louis County									
Florissant	16	1510CST			0	0	500K		Hail (1.75)
St. Louis County									
Bellefontaine Neighb	16	1515CST			0	0	25K		Hail (2.00)
St. Louis County									
Spanish Lake	16	1515CST			0	0	10K		Hail (1.75)
									Hail up to baseball size pounded the northwest part of St. Louis County. Several automobile dealerships suffered major damage to their vehicle inventory. Many homes from Maryland Heights, to Hazelwood, to Florissant, to Spanish Lake were going to need new roofs due to the hail damage. Many private vehicles were also damaged by the hail.
Franklin County									
Lonedell	16	1525CST			0	0			Hail (1.00)
									A storm spotter reported 1 inch hail in Lonedell.
Jefferson County									
Cedar Hill	16	1532CST			0	0			Hail (1.00)
									Local law enforcement reported 1 inch hail.
Crawford County									
4 N Davisville	16	1535CST			0	0			Hail (1.00)
									The public reported hail up to quarter size covered the ground.
Jefferson County									
Arnold	16	1545CST			0	0			Hail (1.00)
									A storm spotter reported 1 inch hail in Arnold.
Jefferson County									
De Soto	16	1603CST			0	0			Hail (0.75)
Jefferson County									
1 SE De Soto	16	1605CST			0	0			Hail (1.75)
									Amateur radio spotters reported hail up to golf ball size in the Olympian Village area southeast of De Soto. Local law enforcement reported 3/4 inch hail in De Soto.
Washington County									
Old Mines	16	1615CST			0	0			Hail (1.00)
									A storm spotter reported 1 inch hail.
St. Francois County									
Bonne Terre	16	1620CST			0	0			Hail (0.88)
									A storm spotter reported nickel size hail.
Reynolds County									
8 S Centerville	16	1640CST			0	0			Hail (0.75)
									The County Sheriff reported 3/4 inch hail south of Centerville.
Iron County									
Annapolis	16	1700CST			0	0			Hail (0.75)
									A storm spotter reported 3/4 inch hail.

Storm Data and Unusual Weather Phenomena

February 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
Fredericktown

16 1700CST **0 0** **Thunderstorm Wind (G52)**
Storm spotters reported large tree limbs down.

**Ste. Genevieve
County**

5 NW St Marys

16 1710CST **0 0** **Hail (1.75)**
The County Sheriff reported hail up to golf ball size northwest of St. Marys.

MISSOURI, Lower

MOZ113-115

Dunklin - Pemiscot

10 1100CST **0 0** **2K** **Winter Storm**
2300CST

The combination of a surface low moving across the northern Gulf coast and a southward moving arctic front produced significant winter weather over the Missouri Bootheel. Between 3 and 4 inches of snow over this area.

MOZ113-115

Dunklin - Pemiscot

18 0600CST **0 0** **2K** **Winter Storm**
2100CST

A mixture of snow, sleet and freezing rain fell on the Missouri Bootheel. About 2-3" of a mix of snow and sleet accumulated due to the storm.

MISSOURI, Northeast

MOZ009>010

Scotland - Clark

16 0645CST **0 0** **1K** **Winter Weather**
1000CST

A winter storm moved along a frontal boundary from the southern Plains and into the Great Lakes region. During the night of 15 February mainly light mixed precipitation fell over eastern Iowa, northwest and west central Illinois, and far northeast Missouri due to a shallow layer of cold air near the surface. Mainly snow was seen west of Dubuque along highway 20 and rain along the Illinois River. A complete change over to all snow occurred during the afternoon of 16 February as the depth of the cold layer increased.

Between 0530 and 1100 CST on 16 February two lines of elevated thunderstorms moved through the area. These storms were prolific hail producers with numerous reports of 0.25 to 0.50 inch hail. In some locations the hail covered the ground and reached a depth of up to one half inch. The storms were also responsible for localized glaze accumulations of 0.25 to 0.40 inch across Henry and Bureau counties in Illinois and Des Moines county in Iowa. Due to ambient temperatures at or below freezing, the hail froze into a thick layer of ice and caused power outages in southeast Iowa.

Snow accumulations varied greatly across the area from the storm. The heaviest accumulations were along the highway 20 corridor west of Dubuque where 4-6 inches of snow fell. South and east of Dubuque, snowfall amounts ranged from a trace to 4 inches. Areas south of Interstate 80 generally saw an inch or less of snowfall.

MOZ009>010

Scotland - Clark

25 0000CST **0 0** **Drought**
28 2359CST

The drought that began back in July 2005 re-emerged across far northeast Missouri in late February 2006 and continued into March 2006. Being the middle of winter, the affects of the drought were essentially hydrologic in nature. A summary of the conditions for February 2006 is given by the service hydrologist.

River Conditions

Stream flows began the month with most locations reporting normal (25th to 75th percentile) to above normal (76th to 90th percentile) conditions. Stream flows gradually decreased during the month, showing little change in response to the storm system around the 16th of the month. At the end of the month most locations reported stream flows that were below normal (10th to 24th percentile) or much below normal (less than 10th percentile). A few locations reported near normal conditions and one location reported a record low for the day.

Source: U.S. Geological Survey. Their WaterWatch Web site has an animation of daily flow percentiles for the United States (http://water.usgs.gov/cgi-bin/waterwatch_animation?200602).

Drought

For the entire HSA, the three-month precipitation total was 3.86 inches or 0.71 inches below normal and 85% of normal. The six-month precipitation total is 9.91 inches or 3.20 inches below normal and 76% of normal. The 12-month precipitation total is 23.35 inches or 12.88 inches below normal and 64% of normal.

According to the U.S. Drought Monitor maps (<http://drought.unl.edu/dm/>), the extreme drought conditions (D3) which affected

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

MISSOURI, Northeast

eastern portions of the HSA in the beginning of the month no longer exist. Severe drought conditions (D2) now cover much of the HSA with moderate drought conditions (D1) across northwestern portions of the HSA.

MISSOURI, Northwest

NONE REPORTED.

MISSOURI, Southeast

MOZ076-086>087-111 Perry - Bollinger - Cape Girardeau - Scott

08	0600CST				0	0			Winter Weather/Mix
	1400CST								

Light snow accumulated from 1 to 3 inches, mainly on grassy areas. The accumulating snow was primarily north of a line from Benton to Zalma. At Cape Girardeau, 2.5 to 3 inches of snow was reported. Zalma reported 1.5 inches. Numerous accidents were reported, including over a dozen in Bollinger County. In Bollinger County, a gas truck slid off the road and overturned, and a pickup truck overturned on Highway 51. On Interstate 55 at Cape Girardeau, a police officer was injured when his patrol car was struck by another vehicle as he was leaving the scene of another accident.

MOZ076-086>087-100-107>112-114 Perry - Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Butler - Stoddard - Scott - Mississippi - New Madrid

10	2000CST				0	0			Dense Fog
	0300CST								

Widespread dense fog reduced visibility to one quarter mile or less.

MOZ076-086>087-100-107>112-114 Perry - Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Butler - Stoddard - Scott - Mississippi - New Madrid

16	1600CST				0	0	11K		Strong Wind
	2330CST								

Strong winds gusted to near 45 MPH. At the Cape Girardeau airport, the peak wind gust was measured at 45 MPH. At the Poplar Bluff airport, the peak gust was measured at 44 MPH.

**Wayne County
Patterson**

16	1753CST				0	0			Hail (1.75)
----	---------	--	--	--	---	---	--	--	-------------

**Ripley County
Doniphan to
6 S Doniphan**

16	1812CST				0	0	6K		Thunderstorm Wind (G52)
----	---------	--	--	--	---	---	----	--	-------------------------

About 6 miles south of Doniphan, two barns were damaged, and a house sustained roof damage. Trees were blown down throughout the community of Doniphan and several miles south of town.

**Scott County
Benton to
1.7 NE Benton**

16	1915CST				0	0	50K		Thunderstorm Wind (G70)
	1920CST								

Several structures sustained minor to moderate roof damage. At least 50 trees were snapped off or uprooted.

**Scott County
.7 NE Benton to
1.2 NE Benton**

16	1918CST	0.5	225		0	0	100K		Tornado (F1)
	1920CST								

Several structures were damaged. A large shed was levelled. Partial roof damage occurred to another shed and a house. Several large trees were snapped or uprooted. Various objects were impaled into a house and a garage. Most of the damage occurred on Highway E. Peak winds were estimated near 110 MPH.

MOZ076-086>087-100-107>112-114 Perry - Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Butler - Stoddard - Scott - Mississippi - New Madrid

18	0000CST				0	0			Winter Weather/Mix
	1000CST								

One to three inches of snow fell over southeast Missouri. Amounts ranged from around an inch at Perryville to as much as 4 inches near the Arkansas border, including the Poplar Bluff and New Madrid areas. Three inches fell in Cape Girardeau. Visibility was poor in periods of heavy snow. Roads were snow-covered and slippery. A few major accidents occurred, including a vehicle that struck a bridge on U.S. Highway 60 near Dexter and a vehicle that overturned in Dexter.

MOZ086>087-100-107>112-114 Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Butler - Stoddard - Scott - Mississippi - New Madrid

19	1200CST				0	0			Winter Weather/Mix
	1900CST								

One to two inches of snow fell over most of southeast Missouri, mainly to the south of the Perryville area. The snow was mixed with sleet along the Arkansas border, which held accumulations down to an inch or less from Doniphan east to Poplar Bluff and Dexter. Roads were initially wet, but then became ice and snow-covered as the precipitation continued.

Storm Data and Unusual Weather Phenomena

February 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
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	0001CST			0	0			Drought
	28	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. 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.								
MOZ056-066	Morgan - Vernon								
	14	1045CST			0	0	40K		Wildfire
		1600CST							
	The combination of dried vegetation from drought conditions along with high wind speeds and low relative humidity values led to conditions that were conducive to wildland fires. One wildland fire burned approximately 600 acres across southern Morgan County, or nine miles southwest of Gravois Mills. Two abandoned mobile homes and two barns were burned from the blaze. Another wildland fire burned an estimated 600 acres over rural sections of east central Vernon County, or six miles east of Nevada. The fire mainly burned prairie grass while no damage to structures occurred.								
Christian County	16	1430CST			0	0			Hail (0.88)
3 S Ozark									
Webster County	16	1445CST			0	0			Hail (0.75)
Seymour									
Laclede County	16	1459CST			0	0	2K		Thunderstorm Wind (G50)
Falcon									
	Severe thunderstorm wind gusts downed a power pole.								
Wright County	16	1510CST			0	0	30K		Thunderstorm Wind (G65)
4 N Mountain Grove									
	Damaging straight line winds from a supercell thunderstorm caused damage to two dairy facilities in rural east central Wright County. One block building was heavily damaged with one side of it completely blown down. Another building sustained major roof damage as the roof was shifted out of position.								
Texas County	16	1515CST			0	0	20K		Thunderstorm Wind (G60)
5 SE Bendavis									
	Damaging winds from a supercell thunderstorm blew off roofs of a hay barn and a shop in rural west central Texas County. Several trees in the area were also blown over.								
Texas County	16	1525CST			0	0			Thunderstorm Wind (G50)
Houston									
Texas County	16	1526CST			0	0			Hail (0.75)
Success									
Texas County	16	1537CST			0	0			Hail (0.88)
Houston									
Texas County	16	1545CST			0	1			Hail (1.75)
Hartshorn									
	An 80 year old man sustained minor injuries from being caught outside as golf ball sized hail occurred.								
Shannon County	16	1553CST			0	0			Hail (0.75)
Akers									
Ozark County	16	1555CST			0	0	10K		Thunderstorm Wind (G60)
Pontiac									
	Severe thunderstorm wind gusts damaged a few tin roofs of buildings at the Pontiac Cove Marina.								
Shannon County	16	1600CST	0.2	100	0	0	0	0	Tornado (F0)
2 N Round Spg									
	A National Weather Service storm survey revealed that a tornado briefly touched down in a wooded area two miles north of Round Spring. The only significant damage was to trees.								
Shannon County	16	1645CST			0	0			Hail (0.75)
5 NW Eminence									
Howell County	16	1653CST			0	0			Hail (0.88)
Lanton									

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
<u>MISSOURI, Southwest</u>									
Howell County									
2 S Willow Spgs	16	1655CST			0	0			Hail (0.75)
Shannon County									
Eminence	16	1655CST			0	0			Hail (0.88)
Oregon County									
1 W Thayer	16	1700CST			0	0			Hail (1.00)
Shannon County									
6 NE Winona	16	1700CST			0	0			Hail (0.88)
<u>MONTANA, Central</u>									
MTZ011>012-046>047-049-051 Hill - Cascade - Eastern Pondera - Blaine - Eastern Teton - Fergus									
	01	1158MST 1602MST			0	0			High Wind (G66)
A high wind event occurred over a wide area of North Central Montana during daylight hours on the 1st. Reported wind speeds include: gusts to 89 mph and 76 mph at the Choteau airport, a gust to 71 mph at Pendroy 1S, a gust to 66 mph at Cascade 5S, a gust to 63 mph at Garneill 3S, gusts to 62 mph at Belt 8N, Heart Butte and Chinook 11S, a gust to 59 mph at East Glacier Park 2E, and gusts to 58 mph at Great Falls 3WSW, Inverness 1W and Denton 2E.									
MTZ009>010-048 North Rocky Mountain Front - Eastern Glacier - Southern Rocky Mountain Front									
	08	1100MST 1515MST			0	0			High Wind (G61)
A high wind event occurred along the Rocky Mountain Front and adjacent plains on the 8th. Reported wind speeds include: a gust to 79 mph at East Glacier Park 8SE, a gust to 70 mph at the Two Medicine Department of Transportation site, a gust to 66 mph at Heart Butte, a gust to 61 mph at Browning and a gust to 60 mph at Cut Bank.									
MTZ010 Eastern Glacier									
	14	0745MST			0	0			Heavy Snow
A late winter storm brought heavy snow to portions of the Northern Rocky Mountain Front and adjacent plains. Reported snow fall amounts include 12 inches at Marias Pass. The storm forced a State of Montana helicopter carrying three state wildlife employees to land at a remote airstrip to wait out the whiteout conditions.									
MTZ009-048 North Rocky Mountain Front - Southern Rocky Mountain Front									
	23	0600MST 0900MST			0	0			Heavy Snow
A winter storm brought heavy snow to the Rocky Mountain Front on the 23rd. Reported snow fall amounts include: 8 inches at Bynum 24W and 6 to 8 inches at East Glacier Park 12W.									
MTZ009-048 North Rocky Mountain Front - Southern Rocky Mountain Front									
	27	1400MST 1800MST			0	0			High Wind (G52)
A high wind event occurred along the Rocky Mountain Front during the day on the 27th. Reported wind speeds include: a gust to 60 mph at East Glacier 8SE and a gust to 59 mph at the Choteau airport.									
<u>MONTANA, East</u>									
MTZ017>020-023>027-061>062 Central And Southern Valley - Daniels - Sheridan - Western Roosevelt - McCone - Richland - Dawson - Prairie - Wibaux - Northern Valley - Eastern Roosevelt									
	16	0700MST			0	0			Extreme Cold/Wind Chill
	17	1200MST							
Temperatures of 15 to 30 below zero combined with a northwest wind of 10 to 20 mph to produce dangerously low wind chills. Here are some of the coldest wind chills that were observed.									
McDonalds DOT Site (Roosevelt County): -52F									
Lindsay Divide DOT Site (Dawson County): -52F									
Opheim (Valley County): -51F									
Sioux Pass DOT Site (Richland County): -50F									
Scobey (Daniels County): -48F									
US 2 at Stateline DOT site (Roosevelt County): -48F									
Cow Creek DOT site (McCone County): -48F									
Beaver Hill DOT Site (Wibaux County): -46F									
Plentywood (Sheridan County): -44F									
Big Sheep Mountain RAWS Site (Prairie County): -44F									
MTZ018 Daniels									
	28	2000MST 2359MST			0	0			Winter Weather/Mix

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

MONTANA, East

A period of moderate to heavy rain fell during a five hour period, with 0.68 of an inch measured 4 miles west-northwest of Scobey. The temperature was right around freezing when the rain fell, and the rain froze on colder surfaces. The worst reports of freezing rain were between Scobey and Four Buttes. The event continued into March 2006 as well, and additional information on this event may be found in the March publication.

MONTANA, South

MTZ039-056-066>067 Eastern Carbon - Red Lodge Foothills - Beartooth Foothills - Absarokee / Beartooth Mountains

09	1036MST				0	0			Heavy Snow
	1536MST								

7 inches in Nye; 6 inches 6S Roscoe; 8 inches in Red Lodge; 6 inches 3SW Bridger; 15 inches 10SW Red Lodge at the Burnt Mountain Snotel RAWS Site

MTZ029

Musselshell

23	1700MST				0	0			Heavy Snow
-----------	----------------	--	--	--	----------	----------	--	--	-------------------

13 inches in Melstone

MONTANA, West

MTZ004-006

Lower Clark Fork Region - Bitterroot / Sapphire Mountains

04	1100MST				0	0			Heavy Snow
05	1100MST								

5 to 9 inches of snow fell over the higher terrain of portions of West Central Montana.

MTZ002>007-043

West Glacier Region - Flathead/Mission Valleys - Lower Clark Fork Region - Missoula / Bitterroot Valleys - Bitterroot / Sapphire Mountains - Butte / Blackfoot Region - Potomac / Seeley Lake Region

16	1200MST				0	0			Extreme Cold/Wind Chill
17	1200MST								

An arctic push with strong winds brought extremely cold wind chills to most of Western Montana. Wind chill readings as cold as -40 to -50 degrees were fairly common across the area. Reports of water pipes breaking as a result of extreme cold temperatures were also commonplace.

MTZ002-004-006

West Glacier Region - Lower Clark Fork Region - Bitterroot / Sapphire Mountains

23	0800MST				0	0			Heavy Snow
24	0800MST								

12 to 19 inches of snow fell over the higher terrain of West Central Montana.

NEBRASKA, Central

NEZ004>005-

008>009-022>025-

035-094

Sheridan - Eastern Cherry - Brown - Rock - Garden - Grant - Hooker - Thomas - Arthur - Western Cherry

15	1300MST				0	0			Winter Storm
16	1700MST								

A slow moving upper level low pressure system moved out the the Central Rockies and across southern Nebraska. The low pressure pulled arctic air into the area and created easterly upslope flow for an extended period of time. Snow began to accumulate during the late evening hours on February 14th in the western portion of the area and then transitioned eastward with snow finally subsiding in the east by late afternoon on February 16th. Snow depths of 9-13 inches fell across the western most counties while 6-9 inches accumulated in the east. Wind speeds of 15-25 mph and very cold temperatures caused extensive blowing and drifting snow.

NEBRASKA, East

NEZ011>012

Knox - Cedar

16	0800CST				0	0			Winter Storm
	1200CST								

Snowfall of 4 to 8 inches fell across much of Knox and Cedar counties during this event, with the heaviest across the northern sections of each county. Accumulating snow began around 4 pm on the 15th and much of it had ended around noon on the 16th. Heavier snow reports included 4.5 inches at Bloomfield and 8 inches west northwest of Crofton. The heavy snow was accompanied by 20 to 30 mph north winds which created significant blowing and drifting snow and lowered wind chill values down to near zero.

NEZ011>012-

015>018-030>034-

042>045

Knox - Cedar - Thurston - Antelope - Pierce - Wayne - Boone - Madison - Stanton - Cumming - Burt - Platte - Colfax - Dodge - Washington

18	0400CST				0	0			Extreme Cold/Wind Chill
	1500CST								

An Arctic Cold Front plunged through the area Friday night/Saturday morning February 18th. Temperatures over northeast Nebraska and western Iowa dropped to around 5 below zero by sunrise Saturday as winds switched to the north and increased to 15 to 20 mph with gusts to 30 mph. Winds gradually subsided Saturday, but temperatures recovered little...barely reaching zero at some locations for highs. Wind chill values dropped to around 20 below by 400 am cst and remained 20 to 30 below over much of northeast Nebraska and western Iowa into mid afternoon before slightly warming temperatures and decreasing winds allowed 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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

NEBRASKA, East

chill values to moderate a bit.

NEBRASKA, Extreme Northeast

NEZ013>014	Dixon - Dakota				0	0			Winter Weather
	16	0000CST							
		1500CST							

Snowfall of 2 to 5 inches was accompanied by winds gusting over 30 mph, causing areas of blowing and drifting snow. A few schools were cancelled or delayed.

NEBRASKA, Extreme Southwest

NONE REPORTED.

NEBRASKA, South Central

NONE REPORTED.

NEBRASKA, West

NEZ001>003-019	Sioux - Dawes - Box Butte - Scotts Bluff				0	0			Heavy Snow
	14	1300MST							
	16	1100MST							

Heavy snow fell over much of northern and western parts of the Nebraska panhandle with amounts as high as 12 to 15 inches reported along the Pine Ridge in southern Dawes County. 12 inches of snowfall was also reported at Harrison, Neb., with around 6 inches of snow reported in Scottsbluff, Neb.

NEVADA, North

NVZ013-035	Northern Nye - White Pine				0	0			Heavy Snow
	18	1500PST							
		2000PST							

5 to 7 inches of snow was reported.

NEVADA, South

NONE REPORTED.

NEVADA, West

NVZ002	Greater Lake Tahoe Area				0	0			Heavy Snow
	17	1300PST							
	19	1400PST							

A strong winter storm moved through the Sierra Nevada from the 17th to the 19th. Two to 3 feet of snow fell in the higher elevations.

Storm total snowfall amounts:

Mt. Rose Ski Resort (9700 ft)	30 inches
Diamond Peak Ski Resort (8500 ft)	19 inches

Carson City (C)					0	0			Heavy Rain
3 W Carson City	26	2100PST							
	28	0300PST							

A total of 3.52 inches of rain fell 3 miles west of Carson City.

NVZ002	Greater Lake Tahoe Area				0	0			Heavy Snow
	26	2100PST							
	28	1400PST							

A winter storm moved through the Sierra Nevada from February 26th through the 28th.

Storm total snowfall amounts:

Diamond Peak Ski Resort (8200 ft)	10 inches
-----------------------------------	-----------

NVZ003	Greater Reno/Carson City/Minden Area				0	0			High Wind (G61)
	27	1055PST							

A 61 kt (70 mph) wind gust reported in the Montreaux subdivision 12 miles southwest of Reno.

NVZ003	Greater Reno/Carson City/Minden Area				0	0			High Wind (G55)
	28	0145PST							

A 55 kt (63 mph) wind gust recorded by the Carson Valley NDOT sensor.

NVZ003	Greater Reno/Carson City/Minden Area				0	0			High Wind (G53)
	28	0200PST							

A 53 kt (61 mph) wind gust recorded by the Galena RAWS sensor.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

NEW HAMPSHIRE, North and Central

NHZ010-013>014 **Strafford - Interior Rockingham - Coastal Rockingham**

12	1500EST	2000EST			0	0			Heavy Snow
----	---------	---------	--	--	---	---	--	--	------------

Low pressure moving up the east coast spread heavy snow into extreme southeast New Hampshire early on Sunday morning. By the time the storm began to wind down Sunday evening, snow fall amounts ranged from 8 to 14 inches.

NHZ001>010-013>014 **Northern Coos - Southern Coos - Northern Grafton - Northern Carroll - Southern Grafton - Southern Carroll - Sullivan - Merrimack - Belknap - Strafford - Interior Rockingham - Coastal Rockingham**

17	1215EST	1900EST			0	0	328K		High Wind (G52)
----	---------	---------	--	--	---	---	------	--	-----------------

A very strong cold front raced across New Hampshire and western Maine on Friday, the 17th of February. Wind gusts of 60 mph or more were common with and following the frontal passage. Widespread damage occurred throughout the state with the majority of the destruction due to falling trees. Several roofs were also damaged or blown off. Total damage amounted to \$348,000. In addition, 70,000 homes and businesses were left without power.

NHZ005>010-013>014 **Southern Grafton - Southern Carroll - Sullivan - Merrimack - Belknap - Strafford - Interior Rockingham - Coastal Rockingham**

25	2200EST				0	0			Heavy Snow
26	0000EST								

Low pressure moving out of the eastern Great Lakes tracked across southern New England late on Saturday. Snowfall amounts from the storm by early Sunday morning ranged from 6 to 10 inches.

NEW HAMPSHIRE, Southern

NHZ012 **Hillsborough**

12	0600EST	1700EST			0	0	10K		Winter Storm
----	---------	---------	--	--	---	---	-----	--	--------------

Low pressure centered off the Virginia coast intensified into a strong Nor'easter as it tracked about 75 miles southeast of Nantucket Sunday afternoon, 12 February 2006. This strong Nor'easter produced near blizzard conditions and heavy snow across southwest New Hampshire. The accumulating snow began around 6 AM and lasted until around 5 PM that day. Snowfall amounts across Hillsborough county ranged from 6.5 to 16.8 inches. No known injuries directly related from this winter storm.

NHZ011>012 **Cheshire - Hillsborough**

17	1158EST	1450EST			0	0	340K		High Wind (G61)
----	---------	---------	--	--	---	---	------	--	-----------------

A strong cold front swept across southern New Hampshire from late Friday morning through Friday afternoon on 17 February 2006. This cold front produced high winds that brought down trees, power poles, and wires across Cheshire and Hillsborough counties.

High winds knocked trees, branches, and wires down in Keene, Swanzey, and Alstead. A 35 ft tall tree fell on a house at 1 Rita Street in Hudson, a 100 ft tall tree smashed into the side of a house on 305 East Dunstable Road in Nashua, and a large pine tree crashed into a home on South Mammoth Road in Manchester. A 100 ft tall pine tree fell on the bed of a truck on Woodward Street in Merrimack. Several utility poles were downed by high winds on Hall Street in Manchester; one downed tree damaged an oil company truck.

No known injuries directly resulted from this high wind event in southwest New Hampshire.

NEW JERSEY, Northeast

NJZ002>005 **Western Passaic - Bergen - Eastern Passaic - Essex**

12	0400EST	0500EST			0	0			Heavy Snow
----	---------	---------	--	--	---	---	--	--	------------

An area of low pressure developed along the Gulf Coast states on Friday, February 10th, and began moving northeast toward the North Carolina coast during Saturday. The storm rapidly intensified as it moved northeastward just off the New England coast. Snow spread north across the area on Saturday from early to late afternoon. The snow fell steadily and heavily at times in many areas overnight Saturday and into Sunday morning, until the last band of heavy snow swept east of the area by Sunday afternoon.

During the event, many areas experienced very heavy snowfall rates, up to 3 to 4 inches per hour. As the strongest band of snow moved through Northeast New Jersey, reports of "thundersnow" were received, which supported the very intense snowfall rates. Snowfall amounts ranged from 10 to 22 inches, with the highest amount being reported at Rahway in Union County.

Winds ranged from 10 to 20 mph with gusts to 30 mph for far inland areas, to 20 to 30 mph with gusts over 50 mph along the coast. Snow and blowing snow created near blizzard conditions with very hazardous driving conditions due to poor visibilities in many areas.

The following are select snowfall amounts across northeast New Jersey:

Bergen 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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

NEW JERSEY, Northeast

Range: 17 to 19 inches
Ridgewood - 19 inches

Essex County
Range: 17 to 22 inches
Newark - 20.7 inches

Passaic County
Range: 10 to 20 inches
West Patterson - 20 inches

NJZ006-011

Hudson - Union
12 0400EST
0500EST

0 0

Heavy Snow

An area of low pressure developed along the Gulf Coast states on Friday, February 10th, and began moving northeast toward the North Carolina coast during Saturday. The storm rapidly intensified as it moved northeastward just off the New England coast. Snow spread north across the area on Saturday from early to late afternoon. The snow fell steadily and heavily at times in many areas overnight Saturday and into Sunday morning, until the last band of heavy snow swept east of the area by Sunday afternoon.

During the event, many areas experienced very heavy snowfall rates, up to 3 to 4 inches per hour. As the strongest band of snow moved through Northeast New Jersey, reports of "thundersnow" were received, which supported the very intense snowfall rates. Snowfall amounts ranged from 16 to 27 inches, with the highest amount being reported at Rahway in Union County.

Winds ranged from 10 to 20 mph with gusts to 30 mph for far inland areas, to 20 to 30 mph with gusts over 50 mph along the coast. Snow and blowing snow created near blizzard conditions with very hazardous driving conditions due to poor visibilities in many areas.

The following are select snowfall amounts across northeast New Jersey:

Hudson County
Range: 18 to 21 inches
Jersey City - 20 inches

Union County
Range: 16 to 27 inches
Rahway - 27 inches

NJZ005>006-011

Essex - Hudson - Union
17 1200EST
1230EST

0 0

High Wind (G55)

A strong cold front moved through northern New Jersey during the late morning hours on Friday, February 17th. Southwest winds of 20 to 25 mph with gusts up to 30 mph ahead of the cold front were then followed by a period of very strong post-frontal westerly winds with gusts up to 65 mph during the early afternoon hours.

High wind gusts downed trees in North Caldwell (Essex County) and downed power lines in Union (Union County), which caused partial road closures at the intersection of Anderson Road and Van Sycles Corner Road.

NEW JERSEY, South and Northwest

NJZ013>014-020-022>023-025-027

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

11 2300EST
12 1000EST

0 0

35K

Strong Wind

NJZ024-026

Eastern Cape May - Eastern Ocean
11 2300EST
12 1000EST

0 0

300K

High Wind (G61)

As the major winter storm strengthened off the New Jersey Coast during the morning of February 12th, the winds increased across a good portion of the area. Some peak wind gusts from around the state include, 70 mph at Ocean City (Cape May County), 68 mph at Barnegat Light (Ocean County), 53 mph at Point Pleasant (Ocean County), 50 mph at the Atlantic City Marina (Atlantic County), 45 mph both at the Cape May Ferry Terminal (Cape May County) and the Atlantic City International Airport (Atlantic County), a 44 mph wind gust at the Allaire Airport near Belmar (Monmouth County), and a 37 mph gust at the Trenton-Mercer County Airport.

These winds, coupled with falling snow created near whiteout conditions in many places during the height of the storm, and also downed some trees and power lines across parts of the state. In Atlantic County in Brigantine, a radio antenna on City Hall was bent

Storm Data and Unusual Weather Phenomena

February 2006

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

NEW JERSEY, South and Northwest

my the strong winds. The police department in Hammonton reported many trees and power lines downed. A tree was downed, due to a combination of heavy snow and wind, which blocked the travel lanes of Route 9 in the Smithville section of Galloway Township on the 12th. Additional trees as well as power lines were downed across Atlantic County.

Meanwhile in Ocean County on Long Beach Island, a house under construction fell off its pilings on the 12th (due to strong winds and higher tides), causing damage to a neighbor's fence. The combination of wind and heavy snow caused damage to poles and wires on Cheney Road in Mannington Township (Salem County), and a tree was downed on Route 45, also in Mannington Township. Strong winds downed power lines and a tree in West Cape May (Cape May County) during the early morning of the 12th. A transformer in the Manasquan area (Monmouth County) exploded during the morning of the 12th, cutting power service to some 500 customers. The damage to the transformer was believed to be caused by mainly gusty winds. Several tree limbs were downed, which fell on a pickup truck on Landis Avenue in Vineland (Cumberland County) at around 4 a.m. EST Sunday, causing about \$1,000 damage to the truck. Strong winds downed tree limbs and power lines late on the 11th and continued through the early morning hours of the 12th across Cape May County. The combination of gusty winds and heavy snow downed tree limbs and wires across Gloucester County as well. Strong winds downed a couple of trees during the early morning of the 12th in Port Norris (Cumberland County).

About 120,000 Atlantic City Electric customers lost service during the height of the storm. A total of 5,000 customers lost power in Gloucester County during the height of the storm. The total of affected customers impacted by outages, across a larger area of the state, reached 15,000 during the height of the storm throughout Monmouth, Ocean, Middlesex, Mercer and Burlington Counties.

NJZ001-007>010-012>023-026>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 Ocean - Southeastern Burlington

12 0000EST 0 0 Winter Storm
1600EST

A major winter storm affected the northeastern United States, including the northern mid Atlantic region, during Saturday February 11th and Sunday February 12th. An area of low pressure developed along the Gulf Coast states on Friday February 10th, and began moving to the northeast toward the North Carolina coast during February 11th. Rain developed across extreme southeastern New Jersey around 11 AM EST on Saturday February 11th. Snow overspread the rest of the region around 11 AM EST on Saturday from south to north. The precipitation initially was relatively light with temperatures either at or above freezing. The snow really increased in intensity from northeast Maryland, across eastern Pennsylvania and most of New Jersey around Midnight EST. In New Jersey, the heaviest snow started around 8 AM EST (on the 12th) from west to east. Even areas that saw rain to start, changed to snow during the mid to late morning hours on Sunday the 12th. The snow gradually ended from southwest to northeast around Noon EST on the 12th, however the snow lasted until around 6 PM EST on the 12th for northeastern New Jersey. The snow fell steadily and became heavy at times in many areas late Saturday night and Sunday morning. The last strong band of snow passed through during the mid morning hours on Sunday the 12th. During this strengthening storm, a good portion of the region experienced intense snowfall rates of 2 to 4 inches per hour. These intense snowfall rates mainly occurred during Sunday morning the 12th as the storm really intensified off the Delaware and southeast New Jersey Coasts. During the height of the storm on Sunday morning the 12th, thunder and lightning occurred as the snow fell. The presence of this thundersnow just goes to show how energetic this storm became. Also, winds gusted to around 40 mph across the inland areas, with even higher gusts along the coast. The gusty winds, coupled with the falling and accumulated snow, produced near whiteout conditions along with drifting snow across a good portion of the area. The storm moved away from the region on Sunday afternoon the 12th, allowing the accumulating snow to come to an end.

The winter storm of February 11-12, 2006 greatly affect New Jersey with intense snowfall rates, gusty winds and near whiteout conditions. The New Jersey Transit suspended all bus service statewide on the 12th. The New Jersey Turnpike had a reduced speed limit of 45 mph posted during the night of the 11th, which was then reduced further to 35 mph during the morning of the 12th with a ban on trailers and motorcycles. Also, the Atlantic City Expressway had a reduced speed limit of 35 mph during the height of the storm. From about Noon on the 11th to midnight on the 12th, the Garden State Parkway had 66 vehicle accidents and the New Jersey Turnpike had 100, however none were serious.

In Trenton (Mercer County), slippery roads contributed to a car crash which toppled a traffic light the evening of the 11th, with no serious injuries reported. A 15-year old boy was reportedly struck by a car, which skidded on an icy patch in front of the Sovereign Bank Arena, and he was hospitalized for arm and leg injuries. A school bus slid into a ditch in Southampton (Burlington County) on the 13th and turned onto its side. No injuries were reported, however three children were taken to a nearby hospital as a precaution.

About a dozen accidents were reported across Gloucester County from late on the 11th through about midday on the 12th. A car rolled over during the morning of the 12th, due to icy roads, after sliding off May's Landing Road, with no injuries were reported. On Route 130 in Haddon Township (Camden County), a 3-car accident occurred the morning of the 13th due to a snow covered traffic light. One of the drivers was injured with a possible hip injury. A Willingboro (Burlington County) police officer suffered a broken ankle and leg when his patrol vehicle slid off the road in slippery conditions during the morning of the 12th on Route 130. The officer's vehicle was totaled as a result of the accident. A 2-car accident on Deal Road (Ocean Township, Monmouth County) occurred at 320 PM EST Sunday (the 12th) due to icy spots. One vehicle slid into oncoming traffic, causing the accident, with 2 minor injuries. A 2-vehicle accident occurred during the morning of the 13th in Wall Township (Monmouth County) on Route 70

Storm Data and Unusual Weather Phenomena

February 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

due to lingering icy spots, resulted in both drivers going to the hospital, however the extent of any injuries is unknown. Slippery roads caused several minor accidents in Millville (Cumberland County) late on the 11th and into the 12th. Across Middlesex County, a couple of ambulances, escorted by fire trucks in Woodbridge, became stuck in snow drifts during the morning of the 12th. Also, a handful of vehicle accidents were reported in Perth Amboy (Middlesex County) during the morning of the 12th. A tractor trailer became stuck in a snow drift in East Brunswick (Middlesex County) early on the 12th.

A tree was downed, due to a combination of heavy snow and wind, which blocked the travel lanes of Route 9 in the Smithville section of Galloway Township (Atlantic County) on the 12th. Additional trees as well as power lines were downed across Atlantic County. About 120,000 Atlantic City Electric customers lost service during the height of the storm. A total of 5,000 customers lost power in Gloucester County during the height of the storm. The total of affected customers impacted by outages, across a larger area of the region, reached 15,000 during the height of the storm throughout Monmouth, Ocean, Middlesex, Mercer and Burlington Counties.

The winter storm also impacted events that were scheduled around the region, including school on the 13th even though the falling snow had ceased on the 12th. The town meeting in Stafford Township (Ocean County) was cancelled on the 12th. Entertainment shows in Ocean County were cancelled due to the weekend storm. Sports activities were cancelled or postponed in Burlington County during the 11th and 12th, with even a code blue weather emergency was issued in Burlington County during the storm. The Burlington Center Mall in Burlington County closed on the 12th due to the winter storm. The Trenton-Mercer County Airport (Mercer County) closed at 2 AM EST Sunday (the 12th) due to the heavy snow and gusty winds. Due to the amount of snow that fell, the city of Trenton (Mercer County) cancelled trash pickup on the 13th as many of the trucks were still being used for additional snow removal and clean-up. The city of Camden (Camden County) issued a snow emergency on the 12th due to the amount of snow that fell. The Vineland Public Schools (Cumberland County) cancelled classes on the 13th to allow for additional storm clean-up. Some Hunterdon County schools were closed, many Warren County schools had a 2-hour delay, most of Monmouth County schools, and schools and Ocean County had delays on the 13th to allow for additional storm clean-up. Almost every school in Middlesex County was also closed on the 13th.

Some specific snowfall amounts include, 19.0 inches in Metuchen (Middlesex County), 18.5 inches in Lawrenceville (Mercer County), 18.0 inches in Lambertville (Hunterdon County), 17.5 inches in South Plainfield (Middlesex County), 17.5 inches in Morris Plain (Morris County), 17.0 inches in Franklin (Somerset County), 16.0 inches in Morganville (Monmouth County), 16.0 inches in Marcella (Morris County), 14.5 inches in Belle Mead (Somerset County), 14.5 inches in Stewartville (Warren County), 14.0 inches in Lumberton (Burlington County), 14.0 inches in Hamilton Square (Mercer County), 13.5 inches in Glassboro (Gloucester County), 13.1 inches in Wertsville (Hunterdon County), 13.0 inches in Cherry Hill (Camden County), 12.8 inches in Mount Laurel (Burlington County), 12.5 inches in Hackettstown (Warren County), 12.1 inches in Somerdale (Camden County), 12.0 inches in Port Monmouth (Monmouth County), 12.0 inches in New Egypt (Ocean County), 11.0 inches in Mullica Hill (Gloucester County), 10.0 inches in Highland Lakes (Sussex County), 9.2 inches in Pittsgrove (Salem County), 8.6 inches in Estell Manor (Atlantic County), 8.0 inches in Wantage (Sussex County), 8.0 inches in Northwest Vineland (Cumberland County), 6.5 inches in Sea Bright (Monmouth County), 6.1 inches in Bayville (Ocean County), 5.0 inches in Eldora (Cape May County), 4.2 inches at the Atlantic City International Airport (Atlantic County), 3.5 inches in Green Creek (Cape May County), and 2.0 inches at the Cape May Harbor (Cape May County).

NJZ014-024>026

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

12 0300EST 0 0 0 High Surf
1200EST

NJZ012>014-020-022>027

Middlesex - Western Monmouth - Eastern Monmouth - Western Ocean - Western Atlantic - Western Cape May - Eastern Cape May - Eastern Atlantic - Eastern Ocean - Southeastern Burlington

12 0600EST 0 0 900K 0 Coastal Flood
1000EST

The major winter storm that affected New Jersey also had a major impact on the New Jersey Shore. Strong onshore winds along with high tides produced coastal flooding along with beach erosion. Across coastal Monmouth County, minor to locally moderate coastal flooding was reported across many areas. This also contributed to significant damage to dunes in Keansburg and Port Monmouth, with minor damage to dunes in Belford. Vertical cuts to the beaches ranged from 2 to 4 feet high by 50 to 75 feet wide in many coastal communities in Monmouth County. The highest reported tides (morning of the 12th) include, Belmar (Monmouth County) of 7.79 feet above mean lower low water, Sea Bright (Monmouth County) of 6.85 feet above mean lower low water, and 8.17 feet above mean lower low water at South Amboy (Middlesex County). In the Monmouth Beach (Monmouth County) area, a storm surge flooded the Patten Avenue bridge along with some other streets during the early morning of the 12th, where some cars were overtaken by water.

Coastal Ocean County also took a major hit from this winter storm. There was significant to severe damage to dunes across several locations, including Bayhead, Bricktown, Ortleigh Beach, Harvey Cedars and Long Beach Township. Vertical cuts across most of the beaches ranged from 2 to 4 feet high by 50 to 75 feet wide. Minor to moderate coastal flooding was fairly widespread as a direct result of this potent winter storm. Minor structural damage was reported in Holgate (Ocean County), with several towns having to conduct emergency sand replacement. In Brant Beach (Ocean County), around 53rd Street, significant erosion was reported. On Long Beach Island, a house under construction fell off its pilings on the 12th (due to strong winds and higher tides), causing

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

NEW JERSEY, South and Northwest

damage to a neighbor's fence.

Farther south, Coastal Atlantic County experienced minor coastal flooding with vertical cuts into the beaches ranging from 1 to as much as 4 feet high with a width of 50 to 75 feet. Flooding occurred in the Bays of Atlantic County, with some cars off the roads. Minor damage to dunes and fencing was reported in Brigantine. During the morning of the 12th, the NOS tide gauge in Atlantic City (Atlantic County) reported a highest tide of 6.61 feet above mean lower low water, while the USCG tide gauge at the Atlantic City Marina reported a peak tide height of 7.13 feet above mean lower low water, and at Abescon the peak tide height was 6.48 feet above mean lower low water. Lastly, Coastal Cape May County reported minor to moderate coastal flooding, with some damage to dunes. The peak tide height (morning of the 12th) was 6.98 feet above mean lower low water at the Cape May Ferry Terminal (Cape May County). In Wildwood, the Rio Grande Avenue Bridge was closed for 2 hours Sunday morning (the 12th) during high tide. Beach erosion and street flooding was reported in Cape May during the morning of the 12th. In Avalon, a coastal monitoring station was reported to be damaged by the storm with a vertical cut to the beaches of 2 to 3 feet high by 25 to 50 feet wide. Meanwhile, the rest of the coastal beaches suffered a 1 to as much as 4 feet high cuts by 25 to 50 feet wide, with some beaches experiencing cuts of some 100 to 150 feet wide. Whale Beach experienced exposure of the geotubes and minor structural damage was reported in North Wildwood.

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

17	1000EST 1700EST	0	0	42K	Strong Wind
----	--------------------	---	---	-----	--------------------

NJZ008

Morris

17	1100EST 1300EST	0	0	200K	High Wind (G56)
----	--------------------	---	---	------	------------------------

Damaging west winds followed along and a couple of hours after a strong cold frontal passage across Morris County. Farther south the same cold front produced a line of showers and thunderstorms that produced damaging winds in the central part of the state. Elsewhere across New Jersey strong wind gusts also accompanied the cold front and persisted through the afternoon throughout the state. Peak wind gusts averaged between 45 mph and 55 mph. Morris County was hit the hardest as 11,000 homes and businesses lost power in the county. In Morristown, there were 15 weather related calls and at least six large trees were knocked down. Two vehicles in a garage were damaged by one of the downed trees. Within the town, three sections of a 20 foot by 20 foot asphalt roof came loose from the top of an office building and fell onto and damaged several cars. Another garage was also damaged by downed trees. Firefighters had to rescue a couple of people that were trapped in elevators when power was lost. In Boonton Township, portions of a building roof on Main Street was blown away and blanked the street with debris. In Parsippany, fallen trees fell through the roof of one home and blocked the entrance to the Central Middle School. In Randolph Township, power outages cancelled after school activities. Most of the power was restored that evening with the greatest concentration of longest outages in the town of Dover. In the Philadelphia adjacent New Jersey suburbs, about 3,000 homes and businesses lost power. All power was restored by 6 p.m. EST. That was part of the 18,800 Public Service Electric and Gas customers that lost power throughout the state. All power was restored in the state by the morning of the 18th.

Peak wind gusts outside of the thunderstorms included 53 mph in Lakehurst (Ocean County), 49 mph in Belmar (Monmouth County) and at the Atlantic City International Airport, 48 mph in Millville (Cumberland County), 41 mph in Lumberton (Burlington County) and 40 mph in Trenton (Mercer County) and Somerville (Somerset County). The strong to high winds were caused by the pressure difference between an intensifying low pressure system that went northeast through the Saint Lawrence River Valley and a strong high pressure system that was building east from the Northern Plains.

**Hunterdon County
Countywide**

17	1028EST 1100EST	0	0		Thunderstorm Wind (G52)
----	--------------------	---	---	--	--------------------------------

A line of showers and isolated thunderstorms produced damaging wind gusts throughout Hunterdon County. Several trees and wires were knocked down throughout the county.

**Somerset County
Neshanic to
Martinsville**

17	1050EST 1100EST	0	0		Thunderstorm Wind (G52)
----	--------------------	---	---	--	--------------------------------

A line of showers and isolated thunderstorms produced damaging wind gusts mainly in the central part of Somerset County. Downed trees and power lines were reported in Hillsborough, Montgomery and Bridgewater Townships and Bound Brook Borough. In Montgomery Township, a fallen tree closed County Route 601 between Reading Boulevard and U.S. Route 206. It also cut power to traffic signals and businesses along the busy highway.

**Mercer County
Princeton**

17	1115EST	0	0		Thunderstorm Wind (G52)
----	---------	---	---	--	--------------------------------

A line of showers and isolated thunderstorms produced damaging wind gusts in Princeton Township. Several trees and wires were knocked down in the township.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

NEW JERSEY, South and Northwest

Middlesex County

Woodbridge	17	1120EST			0	0			Thunderstorm Wind (G50)
-------------------	----	---------	--	--	---	---	--	--	--------------------------------

A line of showers and isolated thunderstorms produced damaging wind gusts in Woodbridge Township. Large tree limbs and wires were knocked down.

Burlington County

Timbuctoo	17	1130EST			0	0			Thunderstorm Wind (G50)
------------------	----	---------	--	--	---	---	--	--	--------------------------------

A line of showers and isolated thunderstorms produced damaging wind gusts in and around Westampton Township in Burlington Township. Several large tree limbs, transformers and wires were knocked down.

Monmouth County

Countywide	17	1131EST 1200EST			0	0			Thunderstorm Wind (G52)
-------------------	----	--------------------	--	--	---	---	--	--	--------------------------------

A line of showers and isolated thunderstorms produced damaging wind gusts in Monmouth County. Several trees and wires were knocked down throughout the county. A downed tree trapped occupants within a vehicle in Freehold. No major injuries were reported.

Ocean County

Jackson	17	1140EST			0	0			Thunderstorm Wind (G52)
----------------	----	---------	--	--	---	---	--	--	--------------------------------

A line of showers and isolated thunderstorms produced damaging wind gusts in Jackson Township. A few trees and several large tree limbs and wires were knocked down.

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

24	0700EST 1700EST			0	0	50K		Strong Wind
----	--------------------	--	--	---	---	-----	--	--------------------

The pressure difference between a low pressure system heading into the Canadian Maritimes and a high pressure system building east from the Great Lakes produced strong winds across New Jersey during the daytime on the 24th. A cold front moved through the state between 1 a.m. EST and 4 a.m. EST on the 24th and brought with it colder air. Winds increased behind the front during the daylight hours and peaked during the early afternoon. Strongest wind gusts averaged around 45 mph. Measured wind gusts included 52 mph at the High Point Monument (Sussex County), 51 mph at Cape May Harbor (Cape May County), 47 mph in Sandy Hook (Monmouth County), 46 mph in Atlantic City (Atlantic County) and Point Pleasant (Ocean County), 45 mph in Belmar (Monmouth County) and 41 mph in Lumberton (Burlington County).

NJZ015>027

Mercer - Salem - Gloucester - Camden - Northwestern Burlington - Western Ocean - Cumberland - Western Atlantic - Western Cape May - Eastern Cape May - Eastern Atlantic - Eastern Ocean - Southeastern Burlington

25	1800EST			0	0	15K		Strong Wind
26	0000EST							

For the second consecutive day, strong winds buffeted the greater Philadelphia metropolitan area and southern New Jersey. A cold front passed through New Jersey early in the evening on the 25th and was followed by strong northwest winds for the rest of the evening as a high pressure system built southeast from Minnesota. The peak wind gust at the Philadelphia International Airport was 47 mph. The peak wind gust at the Atlantic City International Airport was 43 mph and in Trenton was 39 mph.

NEW MEXICO, Central and North

NMZ005-010>011-017-026

Northeast Highlands - Sandia/Manzano Mountains - Central High Plains/Estancia Valley County - Capitan/Northern Sacramento Mountains - Guadalupe Mountains Of Chaves County

16	1100MST 1600MST			0	0			High Wind (G55)
----	--------------------	--	--	---	---	--	--	------------------------

Strong winds whipped the mountain tops and adjacent eastern slopes of the northeast, central and south central mountains.

NEW MEXICO, South Central and Southwest

NONE REPORTED.

NEW MEXICO, Southeast

NONE REPORTED.

NEW YORK, Central

NYZ009-018-036>037

Northern Oneida - Onondaga - Madison - Southern Oneida

07	0700EST 1200EST			0	0			Lake-Effect Snow
----	--------------------	--	--	---	---	--	--	-------------------------

A low pressure system moved northeast from the Ohio Valley into eastern Canada, bringing rain to the region. Behind the storm system, much colder air was pulled into Upstate New York. The colder air over the warmer waters of Lake Ontario brought a period of heavy lake effect snow east of the lake. Higher snow totals included 11.0 inches in Cazenovia, Madison County, 9.0 inches at

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

NEW YORK, Central

**NYZ009-015>018-
022-036>037**

Oriskany Falls in Oneida County, and 9.0 inches in Tully in Onondaga County.

Northern Oneida - Yates - Seneca - Southern Cayuga - Onondaga - Steuben - Madison - Southern Oneida

17	0800EST 1400EST				0	0	100K		High Wind (G60)
----	--------------------	--	--	--	---	---	------	--	------------------------

A strong cold front moved across Upstate New York during the morning of the 17th, bringing high winds across Upstate New York along and behind the frontal passage. The strongest winds were experienced in the Finger Lakes region, western Mohawk Valley and Southern Tug Hill Plateau in central New York. There was considerable damage throughout these areas with many trees and power lines taken down by winds in the 50-60 knot range. Some of the more notable damage included a roof ripped off a carpet store in Onondaga County and 12 roads closed in Madison County due to fallen trees. In addition, over 200,000 residents of north central NY were without power during the height of the storm. Some residents did not get their power restored for over one week.

**Sullivan County
Callicoon**

17	1010EST				0	0	5K		Thunderstorm Wind (G50)
----	---------	--	--	--	---	---	----	--	--------------------------------

A line of thunderstorms associated with a cold front moved through southeast New York. Several trees were knocked down in Callicoon and Jefferson Townships, blocking and closing several roadways.

NYZ009-018-036

Northern Oneida - Onondaga - Madison

18	0600EST 1600EST				0	0			Lake-Effect Snow
----	--------------------	--	--	--	---	---	--	--	-------------------------

Lake effect snow developed east of Lake Ontario and brought a general 7-10 inch snowfall to the region. The highest amount was Cicero in Onondaga County which measured 10.1 inches.

NYZ009

Northern Oneida

25	2000EST 2300EST				0	0			Lake-Effect Snow
----	--------------------	--	--	--	---	---	--	--	-------------------------

A band of lake effect snow developed east of Lake Ontario and brought 7-12 inches of snow to the area during the evening.

NEW YORK, Coastal

NYZ067>070

Orange - Putnam - Rockland - Northern Westchester

12	0400EST 0600EST				0	0			Heavy Snow
----	--------------------	--	--	--	---	---	--	--	-------------------

An area of low pressure developed along the Gulf Coast states on Friday, February 10th, and began moving northeast toward the North Carolina coast during Saturday. The storm rapidly intensified as it moved northeastward just off the New England coast. Snow spread north across the area on Saturday from early to late afternoon. The snow fell steadily and heavily at times in many areas overnight Saturday and into Sunday morning, until the last band of heavy snow swept east of Long Island late Sunday afternoon.

During the event, many areas experienced very heavy snowfall rates, up to 3 to 4 inches per hour. As the strongest band of snow moved through the lower Hudson Valley, reports of "thundersnow" were received, which supported the very intense snowfall rates. The highest snowfall amounts fell across New York City and Westchester and Putnam counties with 15 to 27 inches. Elsewhere, 10 to 20 inches of snowfall was common.

Winds ranged from 10 to 20 mph with gusts to 30 mph. Snow and blowing snow created near blizzard conditions with very hazardous driving conditions due to poor visibilities in many areas.

The following are select snowfall amounts across interior southeast New York:

Orange County

Range: 5 to 10 inches

Cornwall - 10 inches

Putnam County

Range: 18 to 24 inches

Brewster - 24 inches

Rockland County

Range: 10 to 20 inches

New City - 20.1 inches

Westchester County

Range: 16 to 25 inches

New Rochelle - 24.5 inches

White Plains - 21.5 inches

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

NEW YORK, Coastal

NYZ071>081

Southern Westchester - New York (Manhattan) - Bronx - Richmond (Staten Is.) - Kings (Brooklyn) - Queens - Nassau - Northwest Suffolk - Northeast Suffolk - Southwest Suffolk - Southeast Suffolk

12	0500EST 1000EST	0	0	Heavy Snow
-----------	----------------------------	----------	----------	-------------------

An area of low pressure developed along the Gulf Coast states on Friday, February 10th, and began moving northeast toward the North Carolina coast during Saturday. The storm rapidly intensified as it moved northeastward just off the New England coast. Snow spread north across the area on Saturday from early to late afternoon. The snow fell steadily and heavily at times in many areas overnight Saturday and into Sunday morning, until the last band of heavy snow swept east of Long Island late Sunday afternoon.

During the event, many areas experienced very heavy snowfall rates, up to 3 to 4 inches per hour. As the strongest band of snow moved through the lower Hudson Valley and New York City, reports of "thundersnow" were received, which supported the very intense snowfall rates. The highest snowfall amounts fell across New York City and Westchester County with 15 to 27 inches. Elsewhere, 10 to 20 inches of snowfall was common.

Winds ranged from 20 to 30 mph with gusts over 50 mph along the coast. Snow and blowing snow created near blizzard conditions with very hazardous driving conditions due to poor visibilities in many areas.

The following are select snowfall amounts across coastal southeast New York:

Westchester County

Range: 16 to 25 inches
 New Rochelle - 24.5 inches
 White Plains - 21.5 inches

New York County (Manhattan)

Range: 25 to 27 inches
 Central Park - 26.9 inches (All-Time Record)

Bronx County

Range: 17 to 25 inches

Richmond County (Staten Island)

Range: 15 to 22 inches
 Clove Lakes Park - 22 inches

Kings County (Brooklyn)

Range: 17 to 20 inches
 Brooklyn Marine Park 19.5 inches

Queens County

Range: 17 to 26 inches
 Astoria - 26 inches
 La Guardia Airport - 25.4 inches
 JFK Airport - 16.7 inches

Nassau County

Range: 10 to 24 inches
 Great Neck - 23.6 inches
 Farmingdale - 17.5 inches

Suffolk County

Range: 9 to 20 inches
 Islip - 20 inches

**NYZ067>068-
070>071-074>077-
080>081**

Orange - Putnam - Northern Westchester - Southern Westchester - Richmond (Staten Is.) - Kings (Brooklyn) - Queens - Nassau - Southwest Suffolk - Southeast Suffolk

17	1100EST 1400EST	0	0	High Wind (G53)
-----------	----------------------------	----------	----------	------------------------

A strong cold front moved through southeast New York during the late morning hours on Friday, February 17th. Southwest winds of 20 to 25 mph with gusts up to 30 mph ahead of the cold front were then followed by a period of very strong post-frontal westerly winds with gusts up to 65 mph during the early afternoon hours.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

NEW YORK, Coastal

High wind gusts downed several trees, power lines, and wires across the region. A large roof peeled off a business in Montgomery (Orange County). A roof was torn off from a building and another building partially collapses in Brewster (Putnam County).

NEW YORK, East

NYZ060

Western Columbia

05	0655EST	0	0		Flood
06	1030EST				

On February 3, a 60-foot embankment slid into Clavarack Creek, near Greenport in Columbia County. Due to a partial blockage of the creek, waters rose above bankfull upstream from the landslide early on February 5. The landslide occurred because of rain, though not heavy, and warm air causing thawing of the ground. No buildings or roadways were damaged in the landslide or the flooding.

NYZ032>033-038

Northern Herkimer - Hamilton - Southern Herkimer

05	2100EST	0	0		Heavy Snow
07	0500EST				

From the evening of February 5 through early February 7, around a foot of snow on average accumulated across northern Herkimer County.

From the evening of February 5 through the early morning of February 7, deep low pressure centered north of Lake Ontario circulated cold moist air into upstate New York. Lake effect snow from off of Lake Ontario left a moderately heavy snow cover across the southern Adirondack Mountains.

NYZ065>066

Western Dutchess - Eastern Dutchess

12	0100EST	0	0		Heavy Snow
	1800EST				

On February 12, 6 to 10 inches of snowfall occurred over the southeastern half of western Dutchess County.

NYZ058

Western Greene

12	0100EST	0	0		Heavy Snow
	1800EST				

On February 12, 4 to 10 inches of snow accumulated across western Greene County. Snowfall averaged around 7 inches. Ten inches of snow fell at East Jewett and Maple Crest.

On February 12, an intensifying low pressure moved northward from just east of the northern mid Atlantic Coast to the Gulf of Maine during the evening. Very heavy snowfall occurred northwest of the low pressure center. The northern portion of this band of heavy snow covered the southeastern portion of the mid Hudson Valley. Another area of enhanced snowfall occurred in the western Greene County.

NYZ053-053

Western Rensselaer

17	0525EST	0	0		High Wind (G60)
	0542EST				

Trees and wires were blown down in Pittstown.

NYZ053

Western Rensselaer

17	0542EST	0	0		High Wind (G60)
----	---------	---	---	--	------------------------

Trees and wires were blown down in North Greenbush.

NYZ038

Southern Herkimer

17	0910EST	0	0		High Wind (G73)
----	---------	---	---	--	------------------------

On February 17, a trained spotter measured a 73 mile an hour wind gust at Fairfield in southern Herkimer County.

NYZ082

Northern Fulton

17	0920EST	0	0		High Wind (G60)
----	---------	---	---	--	------------------------

Trees and wires were blown down in Mayfield.

NYZ039

Southern Fulton

17	0922EST	0	0		High Wind (G60)
----	---------	---	---	--	------------------------

On February 17, a trained spotter measured a 60 mile an hour wind at Johnstown.

NYZ033

Hamilton

17	0925EST	0	0		High Wind (G60)
----	---------	---	---	--	------------------------

Trees were blown down at Indian Lake.

NYZ040

Montgomery

17	0930EST	0	0		High Wind (G60)
----	---------	---	---	--	------------------------

An emergency manager received numerous reports of trees and power lines being blown down across the county.

NYZ039

Southern Fulton

17	0930EST	0	0		High Wind (G60)
----	---------	---	---	--	------------------------

Law enforcement officials received numerous reports of trees and power lines being blown down across the 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
NEW YORK, East									
Saratoga County									
Edinburg	17	0944EST			0	0			Thunderstorm Wind (G60) A roof was blown off a mobile home in Edinburg. People were trapped inside. No reports of injuries.
Saratoga County									
Milton Center	17	0952EST			0	0			Thunderstorm Wind (G98) A wind gust of 98 miles an hour was measured at the Saratoga County Airport.
NYZ083									
			Southeast Warren						
	17	1000EST			0	0			High Wind (G61) The broadcast media reports measuring a wind gust of 61 miles an hour in Glens Falls.
NYZ052									
			Eastern Albany						
	17	1000EST			0	0			High Wind (G60) A trained spotter estimated wind gusts of 60 miles an hour in Thatcher Park, near New Scotland.
NYZ049									
			Eastern Schenectady						
	17	1005EST			0	0			High Wind (G63) A wind gust of 63 miles an hour was measured by the anemometer at the Schenectady County Airport.
NYZ041									
			Northern Saratoga						
	17	1005EST			0	0			High Wind (G67) A wind gust of 67 miles an hour was measured at the Saratoga County Airport.
NYZ041									
			Northern Saratoga						
	17	1005EST			0	0			High Wind (G65) Strong wind blew the roof off a building at 133 Spring Street in Saratoga Springs, sending it flying through the air to the middle of Court Street, 20 to 30 feet away.
NYZ049									
			Eastern Schenectady						
	17	1005EST			0	0			High Wind (G65) Strong wind blew part of the roof off a building at State Street in Schenectady.
Schoharie County									
Middleburg	17	1008EST			0	0			Thunderstorm Wind (G71) A trained spotter measured a wind gust of 71 miles an hour at Middleburg during a thunderstorm.
NYZ042									
			Northern Warren						
	17	1010EST			0	0			High Wind (G60) Trees and power lines were blown down at Lake George.
Albany County									
Albany	17	1013EST			0	0			Thunderstorm Wind (G60) A wind gust of 60 miles an hour was measured during a thunderstorm at the National Weather Service office on the SUNY campus in Albany.
Saratoga County									
Waterford	17	1013EST			0	0			Thunderstorm Wind (G62) A wind gust of 62 miles an hour was measured in a thunderstorm at Waterford by a trained spotter.
Rensselaer County									
Buskirk	17	1025EST			0	0			Hail (0.75) A trained spotter reported three quarter inch hail at Buskirk.
NYZ032									
			Northern Herkimer						
	17	1029EST			0	0			High Wind (G60) Trees and power lines were blown down in Old Forge.
Washington County									
Cambridge	17	1029EST			0	0			Thunderstorm Wind (G60) Trees and power lines were blown down in Cambridge.
Greene County									
Hunter	17	1030EST			0	0			Thunderstorm Wind (G60) A tree was blown down in Hunter during a thunderstorm.
Greene County									
Lexington	17	1030EST			0	0			Thunderstorm Wind (G60) A tree was blown down in Lexington during a thunderstorm.
Ulster County									
Hurley	17	1037EST			0	0			Thunderstorm Wind (G60) Trees and wires were blown down in Hurley during a thunderstorms. Portions of Route 28 were closed due to trees blocking the roadway.

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
NEW YORK, East									
Columbia County									
Stuyvesant	17	1040EST			0	0			Thunderstorm Wind (G65)
A trained spotter estimated wind gusts to 65 miles an hour during a thunderstorm in Stuyvesant.									
NYZ050	Southern Saratoga								
	17	1045EST			0	0			High Wind (G60)
Trees and wires were blown down in Clifton Park.									
NYZ058	Western Greene								
	17	1045EST			0	0			High Wind (G60)
Trees were blown down in Durham.									
NYZ084	Southern Washington								
	17	1100EST			0	0			High Wind (G60)
Trees and power lines were blown down in Fort Edward.									
NYZ043	Northern Washington								
	17	1100EST			0	0			High Wind (G60)
Trees and power lines were blown down in Whitehall.									
NYZ059	Eastern Greene								
	17	1100EST			0	0			High Wind (G60)
Trees were blown down in Greenville Center.									
NYZ059	Eastern Greene								
	17	1100EST			0	0			High Wind (G60)
Trees were blown down in Cairo.									
NYZ059	Eastern Greene								
	17	1100EST			0	0			High Wind (G60)
Trees were blown down in New Baltimore.									
NYZ052	Eastern Albany								
	17	1100EST			0	0			High Wind (G60)
On February 17, The roof was blown off the Aramatic Refreshment Services Building in Watervliet.									
Columbia County									
Lebanon Spgs	17	1103EST			0	0			Thunderstorm Wind (G60)
Trees and wires were blown down in Lebanon Springs during a thunderstorm.									
NYZ047	Schoharie								
	17	1130EST			0	0			High Wind (G60)
Trees were blown down in Schoharie.									
NYZ042	Northern Warren								
	17	1130EST			0	0			High Wind (G60)
Trees limbs and power lines were blown down in Warrensburg.									
NYZ066	Eastern Dutchess								
	17	1130EST			0	0			High Wind (G60)
Trees and wires were blown down in Stanfordville.									
NYZ064	Eastern Ulster								
	17	1130EST			0	0			High Wind (G60)
Trees and wires were blown down in Highland.									
NYZ066	Eastern Dutchess								
	17	1130EST			0	0			High Wind (G60)
Trees and wires were blown down in Millbrook.									
NYZ064	Eastern Ulster								
	17	1130EST			0	0			High Wind (G60)
Law enforcement personnel had numerous reports of trees and wires blown down in the Saugerties area.									
NYZ052	Eastern Albany								
	17	1144EST			0	0			High Wind (G60)
Trees and wires were blown down in Bethlehem Center.									
NYZ041	Northern Saratoga								
	17	1144EST			0	1			High Wind (G60)
A Saratoga County maintenance worker was killed when a large pine tree fell on his pickup truck while he was driving through the Saratoga Spa State Park.									

Storm Data and Unusual Weather Phenomena

February 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 YORK, East

NYZ063	Western Ulster 17 1148EST				0	0			High Wind (G68)
	On February 17, personnel at Belleayre Ski Resort measured wind gusts of 68 miles an hour.								
NYZ065	Western Dutchess 17 1200EST				0	0			High Wind (G60)
	Trees and wires were blown down in Beacon.								
NYZ065	Western Dutchess 17 1200EST				0	0			High Wind (G60)
	Trees were blown down in Poughkeepsie.								
NYZ060	Western Columbia 17 1223EST				0	0			High Wind (G60)
	Trees and wires were blown down in Livingston.								
NYZ063	Western Ulster 17 1300EST				0	0			High Wind (G60)
	Trees and wires were blown down in Ellenville.								
NYZ061	Eastern Columbia 17 1410EST				0	0			High Wind (G60)
	Trees and wires were blown down in Austerlitz.								
NYZ064	Eastern Ulster 17 1429EST				0	0			High Wind (G60)
	Trees and wires were blown onto US Highway 44 in LLoyd.								
NYZ048	Western Schenectady 17 1600EST				0	0			High Wind (G60)
	Trees and wires were blown down in Princetown.								
NYZ054	Eastern Rensselaer 17 1606EST				0	0			High Wind (G58)

On February 17, a trained spotter measured a wind gust of 58 miles an hour at Stephentown. At daybreak on February 17, an intensifying low pressure was over the St Lawrence Valley of New York. It traveled rapidly down the St Lawrence Valley. An associated cold front moved across eastern New York before noon. Wind associated with a strong pressure gradient over the region was enhanced by thunderstorms along the cold front as it crossed the area. Trees were blown down across a wide area causing major power outages. The event was "...the most damaging storm in terms of the number of customers without service in more than five years," said a National Grid spokesman. Niagara Mohawk Power Corporation reported that close to 120,000 people across eastern New York were without power from this wind storm. The worst of the damage was in Upper Hudson Valley Region; specifically, Saratoga, Warren and Washington Counties. A transportation worker was killed in Saratoga Spa State Park when a large pine tree fell on the pickup truck he was driving. There were 4 reports of the roofs of buildings being damaged by strong wind. Other reports indicated damage to homes and cars from falling trees and flying debris. It took 6 days to restore power to the homes of thousands of people in Saratoga County. Four days after the wind storm, there were still 11,000 people without power in the county. The prolonged period without power and temperatures well below freezing resulted in water pipes bursting. The Wilton Senior Citizens Center was effectively closed when frozen pipes burst in the kitchen of that establishment. Power outages were reported as far south as the mid Hudson Valley. Four thousand people were without power in Dutchess County, and 8,000 people in Ulster County had no electricity. Although there were no official estimates of damage, it is possible that damage may exceed one million dollars based on a power restoration for 30,000 customers in Central Vermont that cost 1 million from the same event.

NYZ032>033-082	Northern Herkimer - Hamilton - Northern Fulton 25 0900EST 1900EST				0	0			Heavy Snow
--------------------------	--	--	--	--	---	---	--	--	-------------------

On February 25, snowfall averaged around 8 inches across northern Herkimer County. On February 25, low pressure over the eastern Great Lakes early in the day moved into northern New England during the evening. A warm front moved eastward from the Finger Lakes area, but the warm air was cut off by colder air sweeping around the low pressure. A moderately heavy snowfall occurred in the southern Adirondack Mountains.

NEW YORK, North

NYZ026>031-034>035-087	Northern St. Lawrence - Northern Franklin - Eastern Clinton - Southeastern St. Lawrence - Southern Franklin - Western Clinton - Western Essex - Eastern Essex - Southwestern St. Lawrence 06 0000EST 1600EST				0	0	45K		Winter Weather/Mix
-------------------------------------	---	--	--	--	---	---	-----	--	---------------------------

Low pressure moved into the eastern Great Lakes on the 5th and then moved northeast across Quebec province on the 6th. On the 6th, a cold polar vortex located across Quebec created a persistent west-southwest cold flow over the relatively mild lake waters of the eastern Great Lakes. A series of Lake effect snowbands developed off Lake Ontario starting the evening of the 5th and continued until the late evening of the 6th. General snowfall was 2 to 4 inches across northern New York with some localized

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
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

NEW YORK, North

higher amounts in persistent bands. Snowfall amounts include: Canton (St. Lawrence) with 2 inches, Malone (Franklin) and Bloomingdale (Essex) with 3 inches, Plattsburgh (Clinton)...Dannemora (Clinton)...Edwards (St. Lawrence) and Newcomb (Essex) with 4 inches, Saranac Lake (Franklin) with 5 inches and Tupper Lake (Franklin) with 9 inches.

NYZ029>030-087
Southeastern St. Lawrence - Southern Franklin - Southwestern St. Lawrence
 13 2200EST 0 0 11K Winter Weather/Mix
 14 0600EST

A weak surface low traveling across Ontario province accounted for a persistent, cold and strong low-level wind flow across the unseasonably mild waters of Lake Ontario and into the southwest Adirondack region. Snowfall was concentrated along and south of Route 3, across extreme southeast St. Lawrence and southern Franklin counties. Snowfall amounts were generally 3 to 5 inches, with localized higher amounts. Observed snowfall reports included: Edwards (Southwest St. Lawrence) with 3 inches, Saranac Lake (Southern Franklin) with 4 inches, Tupper Lake (Southern Franklin) with 5 inches and a localized 10 inches in the Wanakena area of Southeast St. Lawrence.

NYZ026>027-087
Northern St. Lawrence - Northern Franklin - Southwestern St. Lawrence
 16 2200EST 0 0 15K Winter Weather/Mix
 17 0600EST

A weak and shallow cold front drifted south across the St. Lawrence Valley early on the 16th. Meanwhile, an area of low pressure across the Mississippi River Valley on the 16th, moved northeast across the eastern Great Lakes and through the Saint Lawrence Valley of Canada early on the 17th. Moisture ahead of this low pressure fell in the form of light snow, sleet and some freezing rain during the afternoon of the 16th with little or no accumulation. However, another surge of precipitation moved across the region during the late evening of the 16th through early morning of the 17th, and this resulted in some icing, slippery roads and some minor automobile accidents.

NYZ026>027-087
Northern St. Lawrence - Northern Franklin - Southwestern St. Lawrence
 17 1000EST 0 0 75K High Wind (G35)
 1400EST

Low pressure moved through the eastern Great Lakes and St Lawrence Valley region during early Friday morning (the 17th). Meanwhile, an accompanying arctic front barreled across Northern New York during the mid morning hours. Sustained winds of 30 to 40 mph with damaging wind gusts in excess of 60 mph moved across the region between mid-morning and early afternoon as it delivered sharply colder air. There were numerous reports of trees and power lines down throughout the region, including the localities of Malone, Edwards, Potsdam and Colton. A measured wind gust of 64 mph occurred at Massena airport. Power outages were reported across the area.

NYZ029>031-034
Southeastern St. Lawrence - Southern Franklin - Western Clinton - Western Essex
 17 1000EST 0 0 150K High Wind (G35)
 1400EST

Low pressure moved through the eastern Great Lakes and St Lawrence Valley region during early Friday morning (the 17th). Meanwhile, an accompanying arctic front barreled across Northern New York during the mid morning hours. Sustained winds of 30 to 40 mph with damaging wind gusts in excess of 60 mph moved across the region between mid-morning and early afternoon as it delivered sharply colder air. There were numerous reports of trees and power lines down throughout the region, blocking roads and causing structural damage. A few specific localities that reported wind damage were Tupper Lake and Saranac Lake. A measured wind gust of 54 mph was reported at Saranac Lake. Power outages were reported across the area.

NYZ028-035
Eastern Clinton - Eastern Essex
 17 1030EST 0 0 200K High Wind (G35)
 1500EST

Low pressure moved through the eastern Great Lakes and St Lawrence Valley region during early Friday morning (the 17th), then an accompanying arctic front barreled across the Champlain Valley of New York during the mid to late morning hours. Sustained winds of 30 to 40 mph with strong and damaging wind gusts in excess of 60 mph moved across the region between mid-morning and early afternoon as it delivered much colder air. There were widespread reports of trees and power lines down in Essex and Clinton counties. Some structural damage was reported in the localities of Plattsburgh and Mooers. Several tractor trailers were blown over due to high winds on Interstate 87 in Essex and Clinton counties as well as on Route 11. There were numerous power outages across the area, with an estimated 25,000 customers in northern New York without power. A measured wind gust of 60 mph occurred at Cumberland Head in Plattsburgh.

NYZ026>027-029>031-034-087
Northern St. Lawrence - Northern Franklin - Southeastern St. Lawrence - Southern Franklin - Western Clinton - Western Essex - Southwestern St. Lawrence
 18 2000EST 0 0 Extreme Cold/Wind Chill
 19 0400EST

An arctic airmass moved into northern New York during the night of the 17th and delivered colder air through the 18th. Meanwhile, a strong pressure gradient between the arctic high across the Great Lakes and the departing storm in Newfoundland was creating brisk winds of 10 to 20 mph with higher gusts. The combination resulted in wind chills of 15 to 25 below zero in the Adirondacks and St. Lawrence Valley.

NYZ028-035
Eastern Clinton - Eastern Essex
 18 2000EST 0 0 Extreme Cold/Wind Chill
 19 0400EST

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
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

NEW YORK, North

An arctic airmass moved into northern New York during the night of the 17th and delivered colder air through the 18th. Meanwhile, a strong pressure gradient between the arctic high across the Great Lakes and the departing storm in Newfoundland was creating brisk winds of 10 to 20 mph with higher gusts. The combination resulted in wind chills of 10 to 20 below zero in the Champlain Valley.

NYZ029-087 **Southeastern St. Lawrence - Southwestern St. Lawrence**
 20 2000EST 0 0 5K Winter Weather/Mix
 21 0300EST

A weak surface low pressure system traveling across Ontario province accounted for a cold low-level wind flow across the unseasonably mild waters of Lake Ontario and into southern St. Lawrence county. A lake effect snow band developed, and oscillated back and forth across southern St. Lawrence county on the night of the 20th, before shifting south of the area early on the 21st. Snowfall amounts were generally 1 to 3 inches, with 5 inches reported at Edwards.

NYZ026>028-031 **Northern St. Lawrence - Northern Franklin - Eastern Clinton - Western Clinton**
 25 1400EST 0 0 20K Winter Weather/Mix
 1900EST

An unusually strong Alberta clipper moved southeast across the southern Adirondacks between late morning and early afternoon of the 25th. Snow started across St. Lawrence county by mid-morning, reaching the Champlain Valley by late morning and continuing through the afternoon, before dissipating that evening. Snowfall was generally 3 to 5 inches. Some specific snowfall totals include: 3 inches in Massena (St. Lawrence), 4 inches in Mooers (Clinton) and Malone (Franklin) and 5 inches in Canton (St. Lawrence).

NYZ029>030-034>035-087 **Southeastern St. Lawrence - Southern Franklin - Western Essex - Eastern Essex - Southwestern St. Lawrence**
 25 1500EST 0 0 40K Winter Storm
 1900EST

An unusually strong Alberta clipper moved southeast across the southern Adirondacks between late morning and early afternoon of the 25th. Snow started across St. Lawrence county by mid-morning, reaching the southern Champlain Valley by late morning and quickly became steadier and heavier through the afternoon, before dissipating that evening. Snowfall was generally 6 to 10 inches. Some specific snowfall totals include: 6 inches in Gouverneur (St. Lawrence), 7 inches in Ticonderoga (Essex), 8 inches in Bloomingdale (Essex)...9 inches in Edwards (St. Lawrence), Tupper Lake (Franklin) and Moriah (Essex) with 10 inches in Newcomb (Essex).

NYZ026>031-034>035-087 **Northern St. Lawrence - Northern Franklin - Eastern Clinton - Southeastern St. Lawrence - Southern Franklin - Western Clinton - Western Essex - Eastern Essex - Southwestern St. Lawrence**
 27 0000EST 0 0 Extreme Cold/Wind Chill
 1000EST

An arctic airmass was entrenched across northern New York during the early morning hours of the 27th. In addition, the pressure gradient between arctic high pressure in central Canada and low pressure in Labrador Canada accounted for brisk winds. The combination of brisk winds and very cold temperatures produced wind chills of 20 to 30 degrees below zero.

NEW YORK, West

NYZ005>008-010>012-019>020-085 **Northern Cayuga - Oswego - Jefferson - Lewis - Northern Erie - Genesee - Wyoming - Chautauqua - Cattaraugus - Southern Erie**
 05 0738EST 0 0 120K Heavy Snow
 07 1700EST

A cold front swept across the area and as the cold air deepened, lake effect snows developed. Off Lake Erie, the strong westerly winds reduced visibilities to 1/2 a mile at times and pushed the lake effect snows well inland into parts of Livingston and Ontario counties. Specific snow amounts totaled during the 60-hour storm included: off Lake Erie 26" at Warsaw; 24" at South Dayton; 23" at Perrysburg; 18" at Chaffee; 12" at Angelica; and 10" at Friendship. Off Lake Ontario snow totals reported: 33" at Hooker; 16" at North Osceola; 15" at Lowville; 10" at Highmarket and 6" at West Monroe.

NYZ006>008 **Oswego - Jefferson - Lewis**
 14 0600EST 0 0 30K Heavy Snow
 1200EST

Lake effect snows dropped eight to fourteen inches of snow over the Tug Hill Plateau during the morning and early afternoon of the 14th. Snow totals reported include: 14" at Copenhagen; 12" at Hooker, Watertown and Carthage; and 8" at Oswego and North Osceola.

NYZ001>008-010>014-019>021-085 **Niagara - Orleans - Monroe - Wayne - Northern Cayuga - Oswego - Jefferson - Lewis - Northern Erie - Genesee - Wyoming - Livingston - Ontario - Chautauqua - Cattaraugus - Allegany - Southern Erie**
 17 0614EST 1 0 3M High Wind (G70)
 1700EST

Low pressure deepened as it tracked northeast into southern Ontario. The strong winds associated with the low downed trees and power lines throughout western New York and the north country. Damage from falling trees to buildings and automobiles was extensive. Over 150,000 were left without power during the peak of the storm. The strong winds blew over tractor trailer trucks in Macedon, Lyons and Palmyra. In Lewis County, six tractor trailers were blown over resulting in the shut-down of I-81 for several hours. The majority of school districts cancelled classes for the day. In Jefferson county, eight foot storm surges on the St. Lawrence River damaged docks and boathouses and flooded streets in Cape Vincent, Clayton and Alexandria Bay. In Gorham, a

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

NEW YORK, West

tree fell onto a schoolbus. Neither the driver or any of the dozen elementary school students on the bus were injured. In Irondequoit, a 52-year old woman was killed instantly when a tree fell on the car she was driving. Peak gusts recorded during the storm included: 81 mph at Lowville; 77 mph at Rochester; 75 mph at Fulton; 64 mph at Fairport; 62 mph at Watertown and Lockport; 61 mph at Brighton and Elma; and 60 mph at Hamburg. F52VE

NYZ006>008

Oswego - Jefferson - Lewis

19	1200EST				0	0	60K		Heavy Snow
21	0200EST								

A long lasting lake effect snow event brought significant snowfalls to the north country region. Lake effect snows began to develop Saturday and continued through early Tuesday morning as a steady cold, westerly flow continued across Lake Ontario. Storm totals included: 35" at Hooker; 30" at Worth; 18" at Lacona; 16" at North Osceola; 15" at Highmarket; and 6-10" at Watertown.

NORTH CAROLINA, Central

NOT RECEIVED.

NORTH CAROLINA, Central Coastal

NCZ103>104

Eastern Dare - Eastern Hyde

20	0300EST				0	0			Winter Weather
	1000EST								

The first wintry precipitation occurred late in the season across eastern North Carolina during the morning hours on the 20th. Most of the area received a light mixture of wintry precipitation including sleet, snow, and freezing rain. One to two inch snowfall amounts across Outer Banks Dare and Hyde counties resulted in icy bridges and roads which caused some traffic problems.

NORTH CAROLINA, Extreme Southwest

NCZ060>061

Cherokee - Clay

11	2200EST				0	0			Heavy Snow
12	0200EST								

A strong storm system moved across the appalachian region producing snowfalls totals between 4 and 6 inches.

NORTH CAROLINA, North Coastal

NONE REPORTED.

NORTH CAROLINA, Northwest and North Central

NONE REPORTED.

NORTH CAROLINA, South Coastal

NONE REPORTED.

NORTH CAROLINA, Southwest

Mecklenburg County

Charlotte

04	1330EST				0	0	10K		Thunderstorm Wind (G50)
----	---------	--	--	--	---	---	-----	--	--------------------------------

Two trees blown down on the east side of Charlotte and a privacy fence blown down. One large tree fell on a home, causing significant damage.

NCZ048>050

Madison - Yancey - Mitchell

04	2200EST				0	0			Winter Weather
05	1400EST								

NCZ033

Avery

04	2200EST				0	0			Winter Weather
05	0900EST								

Snow showers developed across the western mountains during the late evening on the 4th, and continued during the overnight hours and through much of the 5th. Accumulations generally were 2 inches or less in the major valleys, with as much as 5 inches reported in the higher elevations.

NCZ033

Avery

05	0900EST				0	0			Heavy Snow
	1300EST								

Light to occasionally moderate snow fell through much of the overnight and early morning hours, culminating in heavy snowfall totals by mid-morning on the 5th. Snowfall ranged from 1-3 inches across the central and southern part of the county to 3-5 inches along the Tennessee border.

NCZ033-048>050-

052>053-059-062>065

Avery - Madison - Yancey - Mitchell - Haywood - Buncombe - Northern Jackson - Macon - Southern Jackson

- Transylvania - Henderson

08	2000EST				0	0			Winter Weather
09	0900EST								

Storm Data and Unusual Weather Phenomena

February 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>NORTH CAROLINA, Southwest</u>							
NCZ051-058		Swain - Graham					
		08 2000EST			0	0	Winter Weather
		09 0500EST					
		Snow developed over the mountains during the evening and continued through much of the overnight hours. Accumulations ranged from 2 to 3 inches in the Pigeon River and Little Tennessee valleys to 1-2 inches in the lower French Broad valley and the high valleys of the northern mountains. Up to 8 inches fell in the higher elevations of the central mountains.					
NCZ051-058		Swain - Graham					
		09 0500EST			0	0	Heavy Snow
		0900EST					
		Snow continued to fall across the southwest mountains during the early morning hours, resulting in heavy snowfall totals by sunrise. Accumulations ranged from around 3 inches in the valleys to 4-8 inches in the higher elevations of the Smokies and along Skyway Drive in Graham County.					
NCZ033>034-048>055-058-064>065		Avery - Caldwell - Madison - Yancey - Mitchell - Swain - Haywood - Buncombe - McDowell - Burke - Graham - Transylvania - Henderson					
		11 0200EST			0	0	Winter Weather
		1000EST					
NCZ059-062>063		Northern Jackson - Macon - Southern Jackson					
		11 0200EST			0	0	Winter Weather
		0600EST					
		Snow developed over the mountains during the evening and continued through much of the overnight hours. Accumulations ranged from 2 to 3 inches in the Pigeon River and Little Tennessee valleys to 1-2 inches in the lower French Broad valley and the high valleys of the northern mountains. Up to 8 inches fell in the higher elevations of the central mountains.					
NCZ059-062>063		Northern Jackson - Macon - Southern Jackson					
		11 0600EST			0	0	Heavy Snow
		13 0400EST					
		By sunrise on the 11th, snow accumulation became heavy across the southwest mountains, with generally 2-4 inches reported across the valleys, and slightly higher amounts occurring in the higher elevations. After a lull in snow activity during the late morning and afternoon hours, widespread snow showers developed across the area during the late evening of the 11th and continued through the 12th and into the early morning hours of the 13th. Additional accumulations were highly variable across the area, ranging from trace amounts to 5 inches in the valleys. However, as much as an additional foot fell in the higher elevations of the Nantahala mountains and the Balsams.					
NCZ033-048>053-058		Avery - Madison - Yancey - Mitchell - Swain - Haywood - Buncombe - Graham					
		11 2200EST			0	0	Heavy Snow
		13 0800EST					
		Northwest flow, a very cold airmass, and upper air disturbances combined to produce an unusually strong upslope snow event across the far western counties of North Carolina. Widespread, heavy snow showers began to develop during the early evening of the 11th, and by late evening, heavy snowfall accumulations were common across the area. The snow lasted for a very long period, continuing through the 12th and the early morning hours of the 13th before finally tapering off. Combined with the light snow that fell across the area on the morning of the 11th, storm total accumulations of 5 to 10 inches occurred within the valleys near the Tennessee border. Meanwhile, accumulations were generally in the 1-2 foot range across the higher elevations. There were unofficial reports of as much as 4 feet in the Smoky Mountains. This event was unusual in that heavy snowfall extended as far east as the higher elevations of eastern Buncombe county, while the valleys of northern Buncombe received 3 to 6 inches.					
NCZ051>053-058>059		Swain - Haywood - Buncombe - Graham - Northern Jackson					
		18 0700EST			0	0	Winter Weather
		1600EST					
		The southern valleys saw a mixture of sleet, snow, and rain, while the central valleys and higher elevations saw sleet, snow and freezing rain which developed around sunrise and continued off and on through most of the day. Precipitation amounts were light, but numerous slick spots developed on roads, especially in the higher elevations. Numerous accidents resulted.					
NCZ033-048>050		Avery - Madison - Yancey - Mitchell					
		18 0700EST			0	0	Winter Weather
		1400EST					
		Light snow developed around sunrise and persisted into the early afternoon. Total accumulations were fairly uniform in the 1 to 3 inch range across the area. Slick spots developed on quite a few roads.					
<u>NORTH DAKOTA, Central and West</u>							
NDZ004>005		Bottineau - Rolette					
		10 0900CST			0	0	Winter Storm
		1700CST					
		Schools across Bottineau and Rolette counties were closed due to the snow and reduced visibility in blowing snow. Wind speeds were 20 to 35 mph with visibility less than one mile. Snow reports included 7 1/2 inches at Lansford and 7 inches at Bottineau.					

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

NORTH DAKOTA, Central and West

NDZ001>005-009>013-017>023-025-031>037-040>048-050>051 **Divide - Burke - Renville - Bottineau - Rolette - Williams - Mountrail - Ward - Mchenry - Pierce - Mckenzie - Dunn - Mercer - Oliver - Mclean - Sheridan - Wells - Foster - Golden Valley - Billings - Stark - Morton - Burleigh - Kidder - Stutsman - Slope - Hettinger - Grant - Bowman - Adams - Sioux - Emmons - Logan - La Moure - Mcintosh - Dickey**

16 1800CST 0 0 Cold/Wind Chill
18 1200CST

Temperatures were in the 15 to 25 degree below zero range with wind speeds of 15 to 25 mph resulting in wind chills mainly in the 40s below. The lowest wind chills were -55 in Rolette County and -50 in Foster, Kidder, and Mountrail counties. Wind chill warnings were posted a full day in advance, on the 15th.

NDZ010-017

Mountrail - Mckenzie

24 0400CST 0 0 Winter Storm
0800CST

Heavy snow and blowing and drifting snow caused travel problems during the early morning. Wind speeds were 20 to 30 mph with visibilities around a half mile for a time. The highest snow amount was 7 1/2 inches at Watford City.

NDZ011>012-021>023-025

Ward - Mchenry - Mclean - Sheridan - Wells - Foster

24 0800CST 0 0 Winter Storm
1300CST

Heavy snow and blowing and drifting snow caused travel problems during the morning and into early afternoon. Wind speeds were 20 to 30 mph with visibilities around a half mile for a time. The highest snow amounts were 8 inches three miles west of McHenry, 7 inches at Carrington and nine miles northeast of Drake, 6 1/2 inches at Minot, and 6 inches at Garrison, McClusky, and Harvey.

NORTH DAKOTA, East

NDZ006>007-014>015-024-026-028>029-038-049-052-054 **Towner - Cavalier - Benson - Ramsey - Eddy - Nelson - Griggs - Steele - Barnes - Ransom - Sargent - Western Walsh**

16 1800CST 0 0 Extreme Cold/Wind Chill
18 0400CST

Arctic high pressure built southeast out of western Canada, settling across eastern Montana and the central plains. Eastern North Dakota and the northwest quarter of Minnesota remained on the eastern edge of the surface high, with just enough of a surface pressure gradient to allow wind speeds to stay in the 10 to 15 mph range. On the morning of the 17th, temperatures ranged from -20F to -30F. Only a bit of recovery occurred during the day, with temperatures peaking about -10F to -15F. This kept wind chill temperatures in the -40F to -60F range. The coldest wind chill temperature (-59F) occurred at Langdon on the morning of the 17th.

NDZ008-016-027-030-039-053

Pembina - Eastern Walsh - Grand Forks - Traill - Cass - Richland

16 1800CST 0 0 Extreme Cold/Wind Chill
18 1021CST

Arctic high pressure built southeast out of western Canada, settling across eastern Montana and the central plains. Eastern North Dakota and the northwest quarter of Minnesota remained on the eastern edge of the surface high, with just enough of a surface pressure gradient to allow wind speeds to stay in the 10 to 15 mph range. On the morning of the 17th, temperatures ranged from -20F to -30F. Only a bit of recovery occurred during the day, with temperatures peaking about -10F to -15F. On the morning of the 18th, temperatures fell back to -20F to -30F. This kept wind chill temperatures in the -40F to -60F range.

NDZ014>015-024-026>030

Benson - Ramsey - Eddy - Nelson - Grand Forks - Griggs - Steele - Traill

24 0758CST 0 0 Winter Storm
1856CST

A surface low tracked from eastern Montana, along the North Dakota/South Dakota border, and into southern Minnesota. A band of 9 to 11 inches of snow fell in a 10 to 20 mile wide band north of the low track, basically along a Maddock to Sharon to Mayville line. Snowfall amounts quickly tapered off on either side of this band. Several schools located along the heaviest band of snow closed for the day.

NDZ038>039

Barnes - Cass

24 1126CST 0 0 Winter Storm
1856CST

Snowfall amounts ranged from 6 to 7 inches in northern Barnes and northern Cass counties to 1 to 3 inches along and south of Interstate 94.

OHIO, East

NONE REPORTED.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

OHIO, North

OHZ009-011>014-019-028>030

Erie - Cuyahoga - Lake - Geauga - Ashtabula - Huron - Crawford - Richland - Ashland

04	1100EST				0	0	660K		Winter Storm
05	2100EST								

An area of low pressure moved from eastern Kentucky across eastern Ohio on February 4th. Rain associated with the low changed to snow during the middle part of the day on the higher terrain of north-central Ohio. This transition didn't occur until after sunset in Northeast Ohio. The snow became lake enhanced and picked up in intensity during the morning hours of the 5th. Visibilities at times were near zero with snowfall rates in excess of an inch per hour. Very gusty westerly winds accompanied the snow and caused much blowing and drifting. The snow eventually tapered to flurries late in the day on the 5th. Generally, 6 to 8 inches of snow fell on north-central Ohio with 6 to 12 inches in the Northeast Ohio snowbelt. Officially, 8.5 inches of snow was measured at Mansfield Lahm Airport (Richland County) with a maximum of 12.3 inches at Thompson (Gauga County). Dozens of accidents were reported.

OHZ010

Lorain

08	0900EST				0	0	100K		Winter Storm
	1900EST								

A narrow, but intense band of lake effect snow affected portions of Lorain County on February 8th. The snow developed during the morning hours and intensified just after midday. Visibilities were near zero with snowfall rates in excess of 2 inches per hour for much of the afternoon. The snow finally diminished during the early evening hours. A swath of 6 to 10 inches of accumulation was reported across Lorain County with a maximum of just over 10 inches reported in the City of Lorain. Many accidents occurred.

OHZ003-007>014-017>023-029>033-036-038-047

Lucas - Ottawa - Sandusky - Erie - Lorain - Cuyahoga - Lake - Geauga - Ashtabula - Hancock - Seneca - Huron - Medina - Summit - Portage - Trumbull - Richland - Ashland - Wayne - Stark - Mahoning - Marion - Holmes - Knox

17	0000EST				0	0	995K		High Wind (G58)
	0730EST								

A strong area of low pressure over southern Lower Michigan during the evening hours of February 16th passed to the north of Lake Erie during the early morning hours of the 17th. A cold front trailing this low moved into Northwest Ohio around midnight on the 17th and then quickly swept east across the remainder of the state. Gusty westerly winds behind this front downed trees and large limbs throughout northern Ohio. Several homes and buildings also sustained damage from the gusty winds. A peak gust of 67 mph was measured at the Lorain Harbor Lighthouse (Lorain County). Other peak gusts included: 56 mph at Cleveland Burke Lakefront Airport (Cuyahoga County); 55 mph at the Ashtabula County Airport; 54 mph at the Wayne County Airport; 53 mph at the Akron-Canton Regional Airport (Summit County) and 52 mph at Cleveland Hopkins Airport (Cuyahoga County). Scattered power outages were reported across most of northern Ohio.

OHZ013

Geauga

27	0400EST				0	0	40K		Winter Storm
	2100EST								

Cold westerly winds blowing across Lake Erie caused lake effect snow showers to develop during the early morning hours of February 27th. The snow intensified after daybreak with visibilities below one half mile during the middle of the day. The most intense band affected the northern third to half of Geauga County where over 6 inches of accumulation was reported. A maximum of 7.5 inches was reported near Thompson. The snow tapered to flurries during the evening hours.

OHIO, Northwest

NONE REPORTED.

OHIO, Southeast

NONE REPORTED.

OHIO, Southwest

**Hamilton County
California**

16	2325EST				0	0	2K		Thunderstorm Wind (G50)
	2328EST								

A few large tree limbs were downed.

Storm Data and Unusual Weather Phenomena

February 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, 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
28	2359CST								

Despite a couple of widespread precipitation events during the month, including a winter storm event, precipitation across eastern Oklahoma was between 25 and 50 percent of the normal monthly average amounts during February. According to the Oklahoma Climatological Survey, the northeastern and east-central districts received 28 percent and 30 percent of normal rainfall amounts, respectively, during the climatological winter months (December through February) resulting in the driest winter on record since 1921. The southeastern district of the state received 49 percent of normal precipitation for the same period but still experienced the 5th driest winter on record since 1921.

The continuation of the persistent dry conditions during February resulted in long-term drought conditions to become exceptional (D4) over most of eastern Oklahoma with the exception of Pawnee and Osage Counties, which were considered in extreme drought conditions (D3). Major reservoirs remained below 70 percent of their normal pools and streamflow continued well below normal. A burn ban that was issued for the region in mid November remained in effect through the month.

OKZ066

Okmulgee

04	1500CST				1	0			Wildfire
	1800CST								

A man who was working on an oil rig's electrical box was injured when it short circuited. The sparks from the wires ignited a wildfire that severely burned him. He was flown by helicopter to a Tulsa hospital where he died on 2/8/06 from burn-related injuries.

M81OU

OKZ060>062-064-067

Tulsa - Rogers - Mayes - Creek - Wagoner

18	0330CST				0	0			Winter Storm
20	0800CST								

Arctic air spread into the region on the 16th setting the stage for a period of wintry precipitation as several upper level disturbances moved through the area from the 17th through the 20th. Precipitation began during the late evening on the 17th as the first disturbance approached. A combination of freezing rain, sleet, and snow began accumulating during the late evening hours of the 17th and by daybreak on the 18th had resulted in significant impact across the region. The first round of wintry precipitation ended around midday on the 18th but another began during the evening hours of the 19th, which continued through the early morning hours of the 20th.

OKZ063-065>066-068>074

Delaware - Okfuskee - Okmulgee - Cherokee - Adair - Muskogee - McIntosh - Sequoyah - Pittsburg - Haskell

18	0430CST				0	0			Winter Storm
20	1000CST								

Arctic air spread into the region on the 16th setting the stage for a period of wintry precipitation as several upper level disturbances moved through the area from the 17th through the 20th. Precipitation began during the late evening on the 17th as the first disturbance approached. A combination of freezing rain, heavy sleet, and snow began accumulating during the late evening hours of the 17th and by daybreak on the 18th had resulted in significant impact across the region. At least one inch of sleet accumulated across portions of Okfuskee, Okmulgee, Muskogee, McIntosh, and Sequoyah Counties. The first round of wintry precipitation ended around midday on the 18th but another began during the evening hours of the 19th, which continued through the early morning hours of the 20th.

OKZ070

Muskogee

27	1330CST				0	0	15K		Wildfire
	1630CST								

A wildfire that was started by a person who dumped hot fireplace ashes near a dry brush pile, burned out of control consuming over 750 acres, and threatened a few dozen homes. Fire fighters kept the fire from damaging any of the homes. Wooden fences and a flatbed trailer were destroyed by the fire.

OKLAHOMA, Extreme Southeast

OKZ077

Mccurtain

19	1700CST				0	0			Winter Weather/Mix
20	0600CST								

Much of the region was entrenched in an arctic airmass during the weekend of the 18th through the 20th of February. A weak storm system moved into the southern plains and into the lower Mississippi valley with light freezing rain and freezing drizzle falling across much of the region. Ice accumulations were very light...mainly less than one quarter of an inch across most places. While road surfaces remained wet from ground warmth, most elevated bridges and overpasses saw some ice accumulation which resulted in numerous traffic accidents. Many elevated bridges and overpasses had to be closed due to the ice accumulation.

Storm Data and Unusual Weather Phenomena

February 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, Panhandle

NONE REPORTED.

OKLAHOMA, Western, Central and Southeast

OKZ004>048-050>052	Harper - Woods - Alfalfa - Grant - Kay - Ellis - Woodward - Major - Garfield - Noble - Roger Mills - Dewey - Custer - Blaine - Kingfisher - Logan - Payne - Beckham - Washita - Caddo - Canadian - Oklahoma - Lincoln - Grady - McClain - Cleveland - Pottawatomie - Seminole - Hughes - Harmon - Greer - Kiowa - Jackson - Tillman - Comanche - Stephens - Garvin - Murray - Pontotoc - Coal - Cotton - Jefferson - Carter - Johnston - Atoka - Love - Marshall - Bryan								
	01	0000CST			0	0	25K	500K	Drought
	28	2359CST							

Drought conditions continued throughout the month of February. The severe to exceptional drought conditions (D2-D4) ranged from D2 in northwest portions to D4 in southeast parts of the area. However, the exceptional (D4) drought area had diminished slightly across southeast Oklahoma due to some rainfall, but the extreme (D3) drought area had expanded further northwest across the area. The drought conditions continued to exacerbate the wildfire conditions across the area. Numerous wildfires occurred throughout the month burning more than 50,000 acres. On February 12 around 15:30 CST, a grass fire just north of Pauls Valley caused the southbound lanes of Interstate 35 to be closed and traffic diverted. The interstate was reopened around 18:00 CST. Several fires also occurred across the area on February 27. One fire near Woodward, OK threatened an iodine plant. The fire burned approximately 1,200 acres. Another fire near McLoud in northwestern Pottawatomie county destroyed an unoccupied mobile home. A fire in east Noble in Cleveland county threatened many homes and businesses. A nursing home and day care were immediately evacuated as a precaution. This fire burned at least 50 large round hay bales and caused power outages in the area due to damaged power lines.

The scorched land and dry conditions were continuing to affect farmers and ranchers due to low or dry farm ponds and burned pasture and hay.

OKZ038

Comanche									
	16	2015CST			0	0	High Wind (G54)		
		2115CST							

The Oklahoma mesonet site three miles west of Medicine Park measured several wind gusts above 50 knots (58mph). The strongest gust measured was 54 knots (62 mph) at 20:15 and 20:45 CST.

OKZ018>020-024>030-040

Kingfisher - Logan - Payne - Canadian - Oklahoma - Lincoln - Grady - McClain - Cleveland - Pottawatomie - Garvin									
	17	1830CST			0	0	Winter Weather		
	19	1800CST							

Freezing rain and sleet caused roadways to become slick and hazardous, especially the bridges and overpasses, Friday evening. Temperatures remaining well below freezing caused the dangerous road conditions to continue throughout the holiday weekend. However, the greatest impact on the area occurred Friday evening. Roads become slick during the tail end of rush hour traffic, with over 1500 calls coming into Oklahoma City 911 during the first few hours. More than twenty injury (indirect) accidents were reported Friday night with numerous other accidents occurring across the city. An accident involving a semi brought traffic to a stand still for more than an hour on Interstate 40 near the Interstate 35 interchange. Local ambulances were working continuously Friday evening. On Saturday a tour bus rolled over on Interstate 35 near Pauls Valley in Garvin county when the driver tried to brake suddenly on the slick roadway. A 28 year old woman and 8 year old boy were killed (indirect) when they were trapped under the bus and several were injured (indirect) in the accident. With temperatures remaining below freezing and another round of wintry precipitation occurring Saturday into Sunday, roadways were slow to improve causing the cancellation of many activities and the closings of many businesses and churches across portions of central Oklahoma. Numerous accidents were reported across the area, not just in the Oklahoma City metro.

OREGON, Central and East

ORZ044

Lower Columbia Basin									
	04	0300PST			0	0	High Wind (G50)		
		0400PST							

Damaging wind gusts and possible gustnado with a cold front tore down signs and fence in Hermiston. A 4x4 pole, 8 feet long, was tossed into the air.

ORZ050

Wallowa County									
	16	2000PST			0	0	Heavy Snow		
	17	0900PST							

Snow began at 5 pm and accumulated to 12 to 14 inches in the Joseph area.

ORZ502

Northern Blue Mountains									
	23	2200PST			0	0	Heavy Snow		
	24	0300PST							

Snow began at 3:00 pm and accumulated to 12 inches at Tollgate and 10 inches at High Ridge Snotel.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

OREGON, Northwest

ORZ001>002-010-012 Northern Oregon Coast - Central Oregon Coast - North Oregon Cascades Foothills - Cascade Foothills In Lane County

03	2000PST				0	0	300K		High Wind (G67)
04	1200PST								

ORZ003>007 Coast Range Of Nw Oregon - Central Coast Range Of W Oregon - Lower Columbia - Greater Portland Metro Area - Central Willamette Valley

03	2000PST				0	0	275K		Strong Wind
04	1200PST								

A strong winter storm brought high winds to portions of northwest Oregon. Following are some high winds reported with this storm:

Clatsop Spit reported 43 knots with gusts to 67 knots
 Lincoln City reported 39 knots with gusts to 68 knots
 Newport Jetty reported 31 knots with gusts to 61 knots
 Sugar Loaf RAWs reported 23 knots with gusts to 55 knots
 Portland Airport reported 21 knots with gusts to 38 knots

Additionally, many residents experienced power outages due to trees blown down by strong winds. An estimated 3500 residents of Lane County were without power for portions of the night.

ORZ001>002 Northern Oregon Coast - Central Oregon Coast

03	2000PST				0	0	200K		Storm Surge/Tide
04	1200PST								

A strong Pacific storm brought strong winds to the coast of northwest Oregon. High winds over the Pacific generated strong waves and brought significant storm surge to portions of the coastline. At D River Wayside State Park in Lincoln City, a 36-foot storm surge tore approximately 800 square feet of to park and washed it away to sea. Elsewhere along the coast, debris was washed far beyond beaches in some areas and damaging roads in others. This storm surge tossed logs and rocks over the breakwater and up to 10 to 20 feet beyond the north edge of Hwy. 101 between the Astoria Bridge and the Chinook Tunnel

OREGON, Southeast

NONE REPORTED.

OREGON, Southwest

ORZ021-021>022-022-022-022 South Central Oregon Coast - Curry County Coast

03	1900PST				0	0			High Wind (G76)
	2200PST								

Recorded at Port Orford.

A High Wind Warning was issued for Oregon coastal zones ORZ021/022 at 03/0432 PST, effective from 03/1600 to 04/1000 PST. It was expired at 04/0315 PST. The above observations verified the warning.

ORZ022-022 Curry County Coast

04	0350PST				0	0			Heavy Surf/High Surf
	1750PST								

The Port Orford Buoy recorded wave heights in excess of 25 feet during this time interval. Peak wave height was 27.56 feet, recorded at 04/0450 and 04/0650 PST.

A High Surf Warning was issued for Oregon zones ORZ021/022 at 03/0233 PST, effective from 03/2200 to 05/0400 PST. It was shortened to end at 04/2200 PST at 04/1427 PST. The above buoy observations verified the warning. There was a steep wave gradient across the CWA during this event. Stonewall buoy recorded wave heights over 30 feet, while the Pt. St. George buoy barely got above 20 feet.

ORZ021>022 South Central Oregon Coast - Curry County Coast

15	0100PST				0	0			Frost/Freeze
	0800PST								

See below.

A Freeze Warning was issued for Oregon zones ORZ021/022 at 14/1331 PST, effective at the above listed time. Recorded low temperatures ranged from 27 to 36 degrees, so this warning verified.

ORZ021>022 South Central Oregon Coast - Curry County Coast

16	0100PST				0	0			Frost/Freeze
	1000PST								

See below.

A Freeze Warning was issued for Oregon zones ORZ021/022 at 15/0318 PST, effective at the above listed time. Recorded low temperatures ranged from 22 to 35 degrees, so this warning verified.

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
<u>OREGON, Southwest</u>									
ORZ021>022		South Central Oregon Coast - Curry County Coast							
	17	0100PST 1000PST			0	0			Frost/Freeze
		See below.							
		A Freeze Warning was issued for Oregon zones ORZ021/022 at 16/0342 PST, effective at the above listed time. It was cancelled at 17/0920 PST. Recorded low temperatures ranged from 24 to 35 degrees, so this warning verified.							
ORZ021>022		South Central Oregon Coast - Curry County Coast							
	18	0000PST 1000PST			0	0			Frost/Freeze
		See below.							
		A Freeze Warning was issued for Oregon zones ORZ021/022 at 17/0336 PST, effective at the above listed time. Recorded low temperatures ranged from 23 to 36 degrees, so this warning verified.							
ORZ021>022		South Central Oregon Coast - Curry County Coast							
	19	0000PST 1000PST			0	0			Frost/Freeze
		See below.							
		A Freeze Warning was issued for Oregon zones ORZ021/022 at 18/0337 PST, effective at the above listed time. The warning was cancelled at 18/1429 PST, before the event began. Recorded low temperatures ranged from 23 to 37 degrees, so this warning verified and should not have been cancelled.							
ORZ021>022		South Central Oregon Coast - Curry County Coast							
	20	0000PST 0900PST			0	0			Frost/Freeze
		See below.							
		A Freeze Warning was issued for Oregon zones ORZ021/022 at 19/0831 PST, effective at the above listed time. Recorded low temperatures ranged from 15 to 35 degrees, so this warning verified.							
ORZ021>022		South Central Oregon Coast - Curry County Coast							
	21	0000PST 0900PST			0	0			Frost/Freeze
		See below.							
		No warning was issued for Oregon zones ORZ021/022 this night. Recorded low temperatures ranged from 22 to 40 degrees, so this would have verified a warning, had it been issued.							
ORZ021		South Central Oregon Coast							
	26	1310PST			0	0			High Wind (G66)
		Recorded at Long Prairie RAWS.							
		A High Wind Warning was issued for Oregon zones ORZ021/022 at 26/1410 PST, effective until 27/0000 PST. The warning was cancelled at 26/2120 PST. The observation above was the only one that verified the warning other than Cape Blanco observations.							
ORZ027		South Central Oregon Cascades							
	27	0730PST			0	0			Heavy Snow
	28	0730PST							
		The cooperative observer at Crater Lake National Park reported 18 inches of snow in 24 hours.							
		No warning or advisory was in effect for this event, but this is one of the snowiest places in the Medford CWA. It is likely that amounts this heavy were not widespread.							
ORZ027		South Central Oregon Cascades							
	27	0800PST			0	0			Heavy Snow
	28	0800PST							
		Crater Lake National Park HQ reported 18 inches of snow in 24 hours.							
		The above observation barely verifies a Heavy Snow Warning for this zone. However, this is one of the snowier spots in the area, and a Snow Advisory would have likely sufficed, had one been issued. One was issued for the zone just south of this one.							
<u>PACIFIC</u>									
<u>GUZ006</u>									
		Guam							
	06	1500SST			1	0	0		High Surf
		A 55-year-old man was fishing in fairly calm waters off the Agat Marina in southwestern Guam when a large wave upended the 14-foot motorboat he was in. He died of a broken neck, apparently caused by whiplash as the boat was suddenly overturned. M55BO							
<u>PACIFIC OCEAN</u>									
		E Santa Barbara Chnl Pt Conception To Pt Mugu							
	1 W Channel Is. Harb	18	0825PST		0	0			Waterspout
		A National Weather Service employee reported a waterspout off the Ventura County coast.							

Storm Data and Unusual Weather Phenomena

February 2006

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

PACIFIC OCEAN

San Mateo Pt To Mexican Bdr Out 30Nm

6 W San Mateo Point	18	1650PST 1700PST			0	0			Waterspout
---------------------	----	--------------------	--	--	---	---	--	--	-------------------

Inner Waters From Pt Mugu To San Mateo Pt Ca

3 NW San Mateo Point	18	1653PST			0	0			Waterspout
----------------------	----	---------	--	--	---	---	--	--	-------------------

Coast Guard personnel reported a waterspout west of San Clemente Pier.

PENNSYLVANIA, Central

York County

Hanover	04	2025EST 2030EST			0	0	20K		Thunderstorm Wind (G65)
---------	----	--------------------	--	--	---	---	-----	--	--------------------------------

Thunderstorm winds blew the roof off a barn near Hanover. Winds also broke windows in homes along Route 219 and knocked a tree into a house in West Manheim Township.

York County

York	04	2045EST 2050EST			0	0	200K		Thunderstorm Wind (G65)
------	----	--------------------	--	--	---	---	------	--	--------------------------------

A team of National Weather Service personnel, media, and Emergency Management officials conducted a damage survey in York, PA.

A downburst damaged the roof of a hotel in Manchester Township, near the intersection of Interstate 83 and Route 30 around 8:50 pm EST. The southern section of the southwest facing rooms of the 2 story structure took the brunt of strong South-southwest wind gust, estimated at near 75 mph. About 20 to 30 rooms had full or partial glass damage with partial roof structural damage. Much of the roof coating material (asphalt layers & stone) was stripped from the building and ended up as debris missiles providing significant damage to parked cars in its path and to the southwest side of a nearby (100 yards) hotel (4 Points Sheraton). About 60-70 parked vehicles in the Days Inn and Sheraton hotel parking lots had considerable debris damage with broken windows being the most prevalent. On the southwest side of the Sheraton, about 15 to 20 windows were smashed with roofing debris, some of which was plastered to the side of the building. On the roof some flashing was damaged and a 600 lb air conditioning unit was moved several feet. Surprisingly, considering the damage, there were no reported injuries.

Just prior to the damage at the Days Inn there was an Interstate highway sign blown down and a double-load tractor trailer overturned while traveling on the highway on-ramp.

Lancaster County

Manheim	04	2130EST			0	0			Thunderstorm Wind (G50)
---------	----	---------	--	--	---	---	--	--	--------------------------------

Thunderstorm winds knocked down trees and wires in Penn and Manheim Townships. About 4000 customers lost power because of the storm.

PAZ004>005

Warren - Mckean

05		2200EST			0	0			Winter Storm
06		1400EST							

As cold air poured over the relatively warm Great Lakes, several locally intense snow bands developed during the evening hours of Sunday, February 5th, and persisted into the early morning hours of Monday, February 6th. Localized snowfall amounts of 6 to 8 inches occurred in portions of McKean County, with 6 to 10 inches across much of central and northern Warren County by the time the snow bands diminished early Monday.

PAZ059-063>066

Lebanon - Cumberland - Adams - York - Lancaster

12		0000EST 1000EST			0	0			Heavy Snow
----	--	--------------------	--	--	---	---	--	--	-------------------

A low pressure system developed along the Gulf Coast on Saturday morning, February 11th, and then tracked northeast to the mid Atlantic Coast by late Saturday night, before passing off the southern New England Coast by midday on Sunday, February 12th. This storm system spread a swath of heavy snowfall across portions of south central and southeast Pennsylvania during Saturday evening, and continued into early Sunday morning. Storm total accumulations varied considerably across the area, with amounts of 6 to 10 inches falling to the north and west, closer to the Pennsylvania Turnpike, while amounts of 12 to 20 inches were common further south and east. The hardest hit areas were across southern York and Lancaster Counties, where hourly snowfall rates of up to 3 inches per hour, along with thunder and lightning occurred at the height of the storm just after midnight.

This storm had a major impact on the hardest hit areas from Sunday into Monday, as numerous roads and businesses were closed. In addition, many schools in York and Lancaster Counties were closed on Monday due to snow removal and cleanup efforts. No major structural damage was reported, despite the heavy snowfall.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

PENNSYLVANIA, Central

PAZ004>005-010>012-017>019-024>025-033-041-045>046 **Warren - Mckean - Elk - Cameron - Northern Clinton - Clearfield - Northern Centre - Southern Centre - Cambria - Blair - Somerset - Northern Lycoming - Southern Clinton - Southern Lycoming**

17	0700EST 1000EST		0	0	20K		High Wind (G53)
----	--------------------	--	---	---	-----	--	------------------------

A strong cold front moved across central Pennsylvania during the morning hours of Friday, February 17th. Strong winds occurred with, and immediately in the wake of the frontal passage across the area, downing numerous trees, and producing scattered structural damage.

In Blair County, the 911 center reported hundreds of downed trees due to the strong winds. In Altoona, on West Plank Road, a tree fell onto a Burger King restaurant, causing structural damage. In addition, a metal roof was reportedly blown off of a house in Altoona.

In Lycoming County, numerous trees and wires were reported down, with one tree falling onto a house, and another onto a car.

In southern Centre County, a small piece of the scoreboard from Beaver Stadium at University Park fell off from the strong winds.

Wind gusts across the area generally reached around 60 mph, although a few locally higher gusts were reported. A peak wind gust of 60 mph was recorded at University Airport in State College, while a peak gust of 63 mph was recorded on the roof of the Walker Building at the Pennsylvania State University Campus. Meanwhile, at the airport in Williamsport, a peak wind gust of 59 mph was recorded.

PENNSYLVANIA, East

Berks County
Geigertown

04	2215EST		0	0		Thunderstorm Wind (G50)
----	---------	--	---	---	--	--------------------------------

A severe thunderstorm tore down large tree limbs in Geigertown along the Robeson and Union Townships line.

PAZ068

Montgomery
06 0000EST
0700EST

1	0	0	Cold/Wind Chill
---	---	---	------------------------

An 87-year-old woman died of hypothermia during the morning of the 6th in the Hatboro section of Upper Moreland Township. The woman fell down and was unable to rise. She succumbed to the cold overnight. The overnight low at the Willow Grove NAS was 31 degrees. F87OU

PAZ054

Carbon
11 1600EST
12 1500EST

0	0	Winter Weather
---	---	-----------------------

PAZ055-060>062-067>071 **Monroe - Berks - Lehigh - Northampton - Chester - Montgomery - Bucks - Delaware - Philadelphia**

12	0000EST 1600EST		2	0		Winter Storm
----	--------------------	--	---	---	--	---------------------

F48OU, M?OU

A major winter storm affected the northeastern United States, including the northern mid Atlantic region, during Saturday February 11th and Sunday February 12th. An area of low pressure developed along the Gulf Coast states on Friday February 10th, and began moving to the northeast toward the North Carolina coast during February 11th. Snow overspread the region around 11 AM EST on Saturday from south to north. The precipitation initially was relatively light with temperatures either at or above freezing. The snow really increased in intensity across eastern Pennsylvania around Midnight EST on Sunday the 12th and around 2 AM EST in the Philadelphia Metropolitan area. The snow gradually ended from southwest to northeast around Noon EST on the 12th. The snow fell steadily and became heavy at times in many areas late Saturday night and Sunday morning. The last strong band of snow passed through during the mid morning hours on Sunday. During this strengthening storm, a good portion of the region experienced intense snowfall rates of 2 to 4 inches per hour. These intense snowfall rates mainly occurred during Sunday morning the 12th as the storm really intensified off the Delaware and southeast New Jersey Coasts. During the height of the storm on Sunday morning the 12th, thunder and lightning occurred as the snow fell. The presence of this thundersnow just goes to show how energetic this storm became. Also, winds gusted to about 40 mph. The gusty winds, coupled with the falling and accumulated snow, produced near whiteout conditions along with drifting snow across a good portion of the area. The storm moved away from the region on Sunday afternoon the 12th, allowing the accumulating snow to come to an end.

The February 11-12, 2006 winter storm was blamed for several vehicle accidents across the region. During the height of the storm, intense snowfall rates occurred which when accompanied by gusty winds, produced near whiteout conditions in several locations. Minor accidents occurred the night of the 11th and the morning of the 12th throughout the Lehigh Valley with no injuries reported. Traffic was snarled on Route 100 between Route 401 and in West Chester (Chester County) due to icy spots on the morning of the 13th, with one accident (minor) reported at Route 100 and Route 113 (morning of the 13th). In Montgomery County, slippery conditions contributed to two cars colliding along Route 202 on the 12th in Upper Merion. Several minor car accidents occurred in

Storm Data and Unusual Weather Phenomena

February 2006

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

PENNSYLVANIA, East

Towamencin during the morning of the 12th due to slippery conditions. One car flipped onto its side Monday morning (the 13th) in Upper Moreland due to some slippery conditions, with no injuries reported. In Bucks County, Interstate 95 South in Bristol Township was backed up for more than 1.5 miles around 9 AM EST (the 12th) after a vehicle overturned, due to slippery conditions just south of the Route 413 exit. The heavy snow, coupled with wind gusts between 35 and 40 mph across eastern Pennsylvania during the height of the storm early Sunday morning (the 12th), downed some trees and power lines. About a total of 10,000 PECO customers (7,000 in Bucks County) in the Philadelphia metropolitan (five county area) area lost power during the weekend storm, including some power outages in Chester County Sunday morning (the 12th). Most of the outages were restored by late Sunday afternoon (the 12th).

This winter storm also took a toll on some humans as well. A homeless man was found deceased in a Philadelphia parking garage during the storm, and it was determined that he died from hypothermia and bone cancer. A 53-year old Elkins Park (Montgomery County) man died from a heart attack while shoveling snow on the 12th. A 48-year old Flourtown (Montgomery County) woman died from hypothermia Saturday night (the 11th). The winter storm was blamed for a rash of assault cases (domestic related) in Bucks County, two on Saturday (the 11th) and six on Sunday (the 12th).

This winter storm impacted schools, transportation as well as other activities. A State of Emergency was declared in Bensalem (Bucks County), and school activities were postponed on the 11th and 12th across Bucks County. In Yeadon (Delaware County), a snow emergency was declared for the 12th into the morning of the 13th, and in Media (Delaware County) a snow emergency was also issued. Most of the Lehigh Valley schools had a 2-hour delay Monday morning (the 13th) to allow for additional storm clean-up. Most schools in Bucks and Montgomery Counties began two hours late on the 13th to allow for additional storm clean-up, however some other schools cancelled classes. Widespread SEPTA delays occurred on the 12th, and the Philadelphia International Airport had about 40 percent arrivals and departures cancelled on the 12th, and about half on the 12th. About 40 percent of flights were cancelled on the 12th at the Lehigh Valley International Airport. Delta Airlines cancelled flights at the Philadelphia International Airport; Continental, Northwest and American Airlines cancelled many flights to the Philadelphia International Airport during the night of the 11th. Churches cancelled services on the 12th in and around Philadelphia. The Philadelphia Phantoms hockey team postponed Sunday's (the 12th) game as the team could not get home from Chicago back to Philadelphia, due to the winter storm. Some sport games were even moved up in start times on the 11th in Chester (Delaware County) due to the winter storm.

Some specific snowfall amounts include, 20.5 inches in West Caln Township (Chester County), 18.0 inches in Honey Brook (Chester County), 17.5 inches in Quakertown (Bucks County), 17.0 inches in Drexel Hill (Delaware County), 17 inches in Ambler (Montgomery County), 16.5 inches in Royersford (Montgomery County), 16.0 inches in Exton (Chester County), 16.0 inches in Williams Township (Northampton County), 16.0 inches in Roxborough (Philadelphia County), 15.2 inches at the Lehigh Valley International Airport (Lehigh County), 15.0 inches in Aston (Delaware County), 15.0 inches in Lansdale (Montgomery County), 14 inches in Fricks (Bucks County), 14.0 inches in Alburdis (Lehigh County), 13.0 inches in Doylestown (Bucks County), 12.5 inches in Center City Philadelphia (Philadelphia County), 12.0 inches at the Philadelphia International Airport (Philadelphia County), 12.0 inches in Boyertown (Berks County), 12.0 inches in Hanover Township (Northampton County), 11.2 inches in Reading (Berks County), 8.0 inches in Stroudsburg (Monroe County), 6.5 inches in Germansville (Lehigh County), and 4.0 inches in Pocono Summit (Monroe County).

PAZ054>055-060>062-067>071

Carbon - Monroe - Berks - Lehigh - Northampton - Chester - Montgomery - Bucks - Delaware - Philadelphia

17	1000EST 1700EST		0	0	20K	Strong Wind
----	--------------------	--	---	---	-----	--------------------

PAZ054>055-061>062

Carbon - Monroe - Lehigh - Northampton

17	1000EST 1200EST		0	0	250K	High Wind (G50)
----	--------------------	--	---	---	------	------------------------

Damaging northwest winds followed along and a couple of hours after a strong cold frontal passage across the Lehigh Valley and the Poconos during the late morning of the 17th. Lower velocity, but still strong winds continued into the afternoon. Elsewhere across Eastern Pennsylvania strong wind gusts also accompanied the cold front and persisted into the afternoon. Peak wind gusts averaged between 45 mph and 55 mph. Numerous downed trees and wires were reported in the Lehigh Valley and the Poconos. Less widespread wind damage was reported elsewhere. In the Lehigh Valley, about 7,300 Pennsylvania Power and Light homes and businesses lost power. All power was restored by the morning of the 18th. In Berks County, about 4,000 homes and businesses lost power. All power was restored by 830 p.m. EST that evening. In Reading, a piece of a tin roof blew away from the rear of an apartment house and was suspended on utility poles on the adjacent street. Downed trees or wires closed roads in Cumru and Richmond Townships and Shillington Borough. In Montgomery County, a downed tree crushed a truck in Norristown.

Peak wind gusts included 55 mph in Mount Pocono (Monroe County), 51 mph at the Lehigh Valley International Airport and Reading (Berks County), 49 mph at the Northeast Philadelphia Airport, 45 mph at the Philadelphia International Airport, 44 mph in Pottstown (Montgomery County) and 40 mph in Doylestown (Bucks County). The strong to high winds were caused by the pressure difference between an intensifying low pressure system that went northeast through the Saint Lawrence River Valley and a strong high pressure system that was building east from the Northern Plains.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

PENNSYLVANIA, East

Bucks County

5 N Newtown

17 1050EST 0 0 Thunderstorm Wind (G50)

A line of showers and isolated thunderstorms produced damaging wind gusts in Upper Makefield Township. A couple of trees, large tree limbs and wires were knocked down.

PAZ054>055-

060>062-067>071

Carbon - Monroe - Berks - Lehigh - Northampton - Chester - Montgomery - Bucks - Delaware - Philadelphia

24 0700EST 0 0 20K Strong Wind
1700EST

The pressure difference between a low pressure system heading into the Canadian Maritimes and a high pressure system building east from the Great Lakes produced strong winds across eastern Pennsylvania during the daytime on the 24th. A cold front moved through the regions around 1a.m. EST on the 24th and brought with it colder air. Winds increased behind the front during the daylight hours and peaked during the early afternoon. Strongest wind gusts averaged around 45 mph and included 44 mph at the Lehigh Valley International Airport, London Grove (Chester County) and Mount Pocono (Monroe County), 43 mph at the Philadelphia International Airport and Reading (Berks County) and 41 mph at the Willow Grove NAS (Montgomery County).

PAZ067>071

Chester - Montgomery - Bucks - Delaware - Philadelphia

25 1800EST 0 0 5K Strong Wind
26 0000EST

For the second consecutive day, strong winds buffeted the greater Philadelphia metropolitan area. A cold front passed through the state early in the evening on the 25th and was followed by strong northwest winds for the rest of the evening as a high pressure system built southeast from Minnesota. The peak wind gust at the Philadelphia International Airport was 47 mph. The peak wind gust at the Lehigh Valley International Airport was 41 mph.

PAZ060-068>069

Berks - Montgomery - Bucks

27 2100EST 0 0 Winter Weather
28 0100EST

A weak surface trough that moved through the region overnight developed several bands of light snow. Temperatures though were below freezing and the snow accumulated on paved surfaces. Accumulations averaged close to an inch throughout the Poconos, Lehigh Valley, Berks County and upper (northwestern) parts of the Philadelphia suburbs. This caused slippery travel and several accidents. The most widespread reported accidents were in Berks County. In Fleetwood, a two vehicle head-on crash resulted in a serious injury to a driver who was trapped in the vehicle. The eastbound and westbound lanes of Interstate 78 were closed at various times in the second half of the evening because of tractor-trailer crashes between Bethel and Greenwich Township. The West Shore Bypass between the Cumru Township Line and Penn Avenue was closed because of nearly a dozen vehicle accidents. The southbound lanes of Pennsylvania State Route 61 between Hamburg and Shoemakersville and Pennsylvania State Route 662 between Pine Forge and Blacksmith Roads were closed after vehicle accidents. In Montgomery County, the worst reported accidents were along U.S. Route 422 in the northern part of the county. Two people were trapped in their vehicles after accidents on the roadway in Limerick Township. There were three accidents alone in a one mile stretch of the roadway. The road was closed for several hours. Specific accumulations included 1.5 inches in Perkasio (Bucks County), 1.4 inches in Furlong (Bucks County), 1.0 inch in Boyertown (Berks County), 0.9 inches at the Lehigh Valley International Airport and 0.7 inches in Palm (Montgomery County).

PENNSYLVANIA, Northeast

Luzerne County

Hazleton

17 0925EST 0 0 10K Thunderstorm Wind (G57)
0940EST

A line of thunderstorms along a strong cold front moved through northeast Pennsylvania during the mid morning hours. Damaging wind gusts in excess of 60 mph knocked down trees and power lines in the Hazleton area. In Hazleton, several signs were also blown down on cars. Hazleton Municipal Airport measured a wind gust of 65 mph.

Pike County

Countywide

17 1010EST 0 0 10K Thunderstorm Wind (G50)
1030EST

A line of thunderstorms along a strong cold front moved through northeast Pennsylvania during the mid morning hours. Damaging wind gusts in excess of 60 mph knocked down trees and power lines throughout Pike County.

PENNSYLVANIA, Northwest

PAZ001>003

Northern Erie - Southern Erie - Crawford

05 0000EST 0 0 300K Winter Storm
2300EST

An area of low pressure moved from eastern Kentucky across eastern Ohio on February 4th. Rain associated with the low spread across western Pennsylvania on the 4th. Eventually enough cold air worked in behind the low to change the rain over to snow in Erie and Crawford Counties. This occurred around midnight on the 5th. The snow became lake enhanced and picked up in intensity during the morning hours of the 5th. Visibilities at times were near zero with snowfall rates in excess of an inch per hour. Very gusty westerly winds accompanied the snow and caused much blowing and drifting. The snow eventually tapered to flurries during the late evening hours of the 5th. 6 to 12 inches of snow fell on much of Erie and Crawford Counties. A maximum of 12.3 inches was reported at Erie International Airport. Dozens of accidents were reported.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

PENNSYLVANIA, Northwest

PAZ001>003	Northern Erie - Southern Erie - Crawford	17	0400EST 0930EST		0	0	160K		High Wind (G52)
----------------------	---	-----------	----------------------------	--	----------	----------	-------------	--	------------------------

A strong area of low pressure over southern Lower Michigan during the evening hours of February 16th passed to the north of Lake Erie during the early morning hours of the 17th. A cold front trailing this low moved into Northwest Pennsylvania around 4 a.m. on the 17th. Gusty westerly winds behind this front downed trees and large limbs throughout Erie and Crawford Counties. Peak gusts of 60 mph were recorded at both the Presque Isle Lighthouse and at a marina in North East. Other peak gusts included: 54 mph at the Meadville Airport (Crawford County) and 51 mph at Erie International Airport. Power outages were reported in both Erie and Crawford Counties.

PENNSYLVANIA, West

PAZ007-016	Mercer - Jefferson	17	0645EST		0	0	10K		High Wind (G50)
-------------------	---------------------------	-----------	----------------	--	----------	----------	------------	--	------------------------

A couple of trees were blown down by wind in Hermitage (Mercer Co), and Punxsutawney (Jefferson Co.)

PAZ008-015	Venango - Clarion	17	0700EST		0	0	30K		High Wind (G50)
-------------------	--------------------------	-----------	----------------	--	----------	----------	------------	--	------------------------

Numerous trees and power lines were blown down, countywide, in both counties.

PAZ023-032	Indiana - Fayette	17	0700EST 0730EST		0	0	10K		High Wind (G50)
-------------------	--------------------------	-----------	----------------------------	--	----------	----------	------------	--	------------------------

Between 7 AM and 730 AM, trees were blown down in Cherry Tree (Indiana Co), and Smock (Fayette Co).

PUERTO RICO

NONE REPORTED.

RHODE ISLAND

RIZ001>007	Northwest Providence - Southeast Providence - Western Kent - Eastern Kent - Bristol - Washington - Newport	12	0600EST 1800EST		0	0	70K		Winter Storm
----------------------	---	-----------	----------------------------	--	----------	----------	------------	--	---------------------

RIZ004	Eastern Kent	12	1051EST 1500EST		0	0	10K		Blizzard
---------------	---------------------	-----------	----------------------------	--	----------	----------	------------	--	-----------------

Low pressure centered off the Virginia coast intensified into a strong Noreaster as it tracked about 75 miles southeast of Nantucket Sunday afternoon, 12 February 2006. This strong Noreaster produced heavy snow and windy conditions across Rhode Island. Blizzard criteria was met at the T.F. Green Airport in Warwick between 1051 AM and 3 PM. 9.4 inches of snow accumulated at T.F. Green airport, which breaks the previous record snowfall maximum for the date. The accumulating snow began around 6 AM and tapered off around 6 PM. Snowfall amounts generally ranged between 9 and 14 inches, with some locations reporting up to 16 inches of snow. No known injuries directly resulted from this winter storm.

RIZ001	Northwest Providence	17	1530EST 1630EST		0	0	10K		Strong Wind
---------------	-----------------------------	-----------	----------------------------	--	----------	----------	------------	--	--------------------

A strong cold front swept across southern New England during the morning and afternoon hours of 17 February 2006. This cold front produced strong winds that brought down a one foot diameter tree in Gloucester, Rhode Island. No known injuries directly resulted from this strong wind event.

SOUTH CAROLINA, Central

Richland County	10 WSW Blythewood to 04 6 WNW Blythewood	1143EST 1151EST	5	60	0	0	0	0	Tornado (F0)
------------------------	---	----------------------------	----------	-----------	----------	----------	----------	----------	---------------------

A small F0 intermittently touched down near SC944 in Richland county and continued to Cedar Lake Drive in Fairfield county. Only trees were taken down.

Fairfield County	8 SE Jenkinsville to 11 E Jenkinsville	04	1143EST 1151EST	5	60	0	0	0	0	Tornado (F0)
-------------------------	---	-----------	----------------------------	----------	-----------	----------	----------	----------	----------	---------------------

A small F0 intermittently touched down near SC944 in Richland county and continued to Cedar Lake Drive in Fairfield county. Only trees were taken down.

SOUTH CAROLINA, North Coastal

NONE REPORTED.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

SOUTH CAROLINA, Northwest

York County

4 WNW Rock Hill 04 1300EST 0 0 2.5K Thunderstorm Wind (G60)

Part of the tin roof of a greenhouse was torn off, and a concession stand blown about 200 feet along highway 5 near the Applied Technology Center. Several pine trees were also blown down. Emergency manager inspected the damage and determined straight line winds were the likely culprit.

SOUTH CAROLINA, South Coastal

Charleston County

Folly Beach to Mt Pleasant 03 2350EST 0 0 2K Thunderstorm Wind (G56)
2358EST

Nearby thunderstorm produced a gravity wave caused winds to gust to 65 mph on Folly Beach and strong gusts were reported in Charleston, James Island, and Mt. Pleasant prior to midnight on the 4th. One tree was reported blown down on Rifle Range road in Mt. Pleasant.

Charleston County

Folly Beach to Mt Pleasant 03 2359EST 0 0 5K Thunderstorm Wind (G55)
04 0030EST

Strong winds from a gravity wave, produced from nearby thunderstorms, continued past midnight on the 4th. Damage from the winds included a large oak tree blown down in Fort Johnson Estates near the Charleston Harbor on James Island, trees down in the Old Village of Mt. Pleasant, large limbs knocked down in downtown Charleston, and 2 power poles knocked down on Sullivan's Island.

SOUTH DAKOTA, Central and North

NONE REPORTED.

SOUTH DAKOTA, Southeast

SDZ068>069

Bon Homme - Yankton 16 0000CST 0 0 Winter Storm
0600CST

Snow accumulating 6 to 7 inches was accompanied by winds gusting over 30 mph, causing blowing and drifting snow. Some schools were closed for the day or delayed.

SDZ050-063>067-070>071

Gregory - Charles Mix - Douglas - Hutchinson - Turner - Lincoln - Clay - Union 16 0000CST 0 0 Winter Weather
1800CST

Snowfall of 2 to 5 inches was accompanied by winds gusting over 30 mph, causing areas of blowing and drifting snow. A few schools were cancelled or delayed.

SDZ068>069

Bon Homme - Yankton 16 0600CST 0 0 Winter Weather
1800CST

Wind gusting over 30 mph...existing snow cover... and accompanying light snow caused areas of blowing and drifting snow.

SDZ039>040-055>056

Kingsbury - Brookings - Lake - Moody 17 0000CST 0 0 Cold/Wind Chill
1800CST

Temperatures below zero...accompanied by winds averaging 20 mph and gusting over 30 mph...caused wind chill readings to lower to the 35 to 40 below zero range for 12 to 18 hours.

SOUTH DAKOTA, West

SDZ024>025-028

Northern Black Hills - Northern Foot Hills - Central Black Hills 10 0000MST 0 0 0 0 Winter Storm
2200MST

A strong low pressure system tracked across the Northern Plains, bringing snow and gusty winds to parts of western South Dakota. The heaviest snow fell across the northern Black Hills and northern foothills, where upslope-enhanced snows developed. Snowfall amounts of 4 to 8 inches were common across the northern Black Hills, with as much as 18 inches south and west of Lead. Gusty winds caused blowing and drifting snow with visibilities less than a quarter of a mile at times.

SDZ001>002-

012>014-026-

031>032-072>073

Harding - Perkins - Butte - Northern Meade Co Plains - Ziebach - Rapid City - Pennington Co Plains - Haakon - Sturgis / Piedmont Foothills - Southern Meade Co Plains 10 0300MST 0 0 0 0 High Wind (G53)
1800MST

A low pressure system and strong cold front tracked across the Northern Plains, bringing gusty northwest winds to much of western South Dakota. The strongest winds developed across the northwest and west central South Dakota plains, where sustained winds of 30 to 45 mph and gusts around 60 mph were recorded.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

SOUTH DAKOTA, West

SDZ024-027>029-041>044-047-049 Northern Black Hills - Southern Foot Hills - Central Black Hills - Southern Black Hills - Fall River - Shannon - Jackson - Bennett - Todd - Tripp

15	0500MST				0	0	0	0	Winter Storm
16	1200MST								

A storm system moved across the Central Plains, bringing heavy snows to parts of western South Dakota. Snow started during the morning hours on the 15th and continued through the morning hours of the 16th. 3 to 6 inches of snow fell across much of the Black Hills and southern South Dakota. Upslope-enhanced snows resulted in snowfall of 6 to 9 inches across parts of the northern Black Hills and southwest South Dakota.

TENNESSEE, Central

TNZ006>008-032-034-062-094 Montgomery - Robertson - Sumner - Putnam - Fentress - Rutherford - Lawrence

10	2200CST				0	0			Heavy Snow
11	0000CST								

About 3 to 4 inches of snow fell in most of these areas. The snow mixed with and changed to rain overnight in the central part of Middle Tennessee.

4 to 5 inches of snow fell in Putnam County.

TENNESSEE, East

TNZ012>018-035-040>045-047-072-074-081>082-086>087-098-101>102 Scott - Campbell - Claiborne - Hancock - Hawkins - Sullivan - Johnson - Morgan - Northwest Cocke - Cocke/Smoky Mountains - Northwest Greene - Southeast Greene - Washington - Unicoi - Southeast Carter - Blount/Smoky Mountains - Sevier/Smoky Mountains - Sequatchie - Bledsoe - Northwest Monroe - Southeast Monroe - Marion - West Polk - East Polk

11	0400EST				0	0			Heavy Snow
12	1000EST								

A strong storm system moved across the Tennessee valley and appalachian region producing 4 to 6 inch snowfall amounts across much of the area. Locally greater snowfall totals were noted in the highest elevations of the Smoky Mountains.

TNZ018-043-045-047 Johnson - Southeast Greene - Unicoi - Southeast Carter

17	1000EST				0	0			Heavy Snow
18	1600EST								

3-6 inches of snow.

A winter storm tracked across northeast Tennessee, dropping 3 to 6 inches of snow across the higher elevations. Generally 1 to 2 inches was reported across the valley.

TENNESSEE, South Central

TNZ097

Franklin

08	0200CST				0	0			Heavy Snow
	2030CST								

A fast moving clipper low pressure system produced a band of wet snowfall to the region over a short time span. Most of the accumulating snowfall occurred in the higher elevations of the Cumberland Plateau including the community of Sewanee which received 2 inches, most of which fell within just a two hour period.

TNZ097

Franklin

10	1800CST				0	0			Heavy Snow
11	0700CST								

A low pressure system moved east through the Deep South producing a band of rain and snow across the Tennessee Valley. Heavy accumulating snowfall was confined to areas above 1600 foot above MSL elevation. This included amounts of 3 to 5 inches reported in and near the community of Sewanee on the Cumberland Plateau of southeastern Franklin County.

TNZ097

Franklin

11	1430CST				0	0			Heavy Snow
	1900CST								

A northwest flow of cold air behind an exiting low pressure system produced several periods of shallow convective snow showers which developed during peak afternoon heating. The heaviest snowfall amounts occurred due to upslope flow atop the Cumberland Plateau. Two inches of accumulation was reported in the community of Sewanee.

TNZ097

Franklin

18	0500CST				0	0			Ice Storm
	1212CST								

An upper level disturbance tracking along a strong frontal boundary across the South produced a swath of mixed precipitation across the Tennessee Valley. Many locations received accumulations of sleet and freezing rain. The heaviest freezing rain and ice accumulations on the order of one quarter to one half inch occurred in the higher elevations of the Cumberland Plateau including Sewanee and nearby areas. Accumulations of ice were mainly on vehicles, vegetation and powerlines and lessor traveled roads.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

TENNESSEE, West

TNZ001>004-019>021-048>053-088>091 Lake - Obion - Weakley - Henry - Dyer - Gibson - Carroll - Lauderdale - Tipton - Haywood - Crockett - Madison - Chester - Shelby - Fayette - Hardeman - McNairy

10 1100CST 0 0 17K Winter Storm
2300CST

The combination of a surface low moving across the northern Gulf coast and a southward moving arctic front produced significant winter weather over West Tennessee. Between 2 and 5 inches of snow over this area.

TNZ001>004-019>021-048>055-088>090 Lake - Obion - Weakley - Henry - Dyer - Gibson - Carroll - Lauderdale - Tipton - Haywood - Crockett - Madison - Chester - Henderson - Decatur - Shelby - Fayette - Hardeman

18 0600CST 0 0 18K Winter Storm
2100CST

A mix of snow, sleet and freezing rain fell on much of West Tennessee. Over Lake, Obion and Weakley counties there was 2-3" of a mix of snow and sleet that fell. In Decatur County, 2 inches of snow fell. Most of the remainder of West Tennessee saw about 1" of a mix of snow and sleet and 1/4" of ice accumulation.

TEXAS, Central

NONE REPORTED.

TEXAS, Central Southeast

Houston County
Weldon

01 2230CST 0 0 65K Thunderstorm Wind (G56)

Trees were down on houses and roofs were blown off some buildings (tractor sheds).

Harris County
2 S Piney Pt

10 1630CST 0.2 20 0 0 35K Tornado (F0)

This tornado caused structural damage to an apartment complex at the intersection of Westheimer and Dunvale. The tornado was witnessed by a property maintenance worker. Damage consisted of an east facing apartment brick wall that collapsed into a lower brick wall. There was also very minor roof damage to the building.

Harris County
Webster

10 1650CST 0 0 15K Thunderstorm Wind (G43)

Damage to a local business in a small strip mall on NASA Road 1 just east of Interstate 45. Eight south-facing large window panes were blown out from the inside along with interior ceiling damage.

TEXAS, Extreme West

NONE REPORTED.

TEXAS, Mid - South

TXZ229>234-239>247 La Salle - McMullen - Live Oak - Bee - Goliad - Victoria - Webb - Duval - Jim Wells - Kleberg - Nueces - San Patricio - Aransas - Refugio - Calhoun

01 0000CST 0 0 Drought
28 2359CST

Lack of widespread, heavy and beneficial rainfall continued to elude South Texas during February. As a result, drought conditions intensified across South Texas during February 2006. During February, drought conditions moved into the exceptional category (per the U.S. Drought Monitor) across the Rio Grande Plains and Northern Coastal Bend. Extreme drought conditions, per the monitor, developed across the remainder of the Coastal Bend.

February 2006 was the 4th driest on record (out of 120 years) at the Corpus Christi International Airport, with only 0.05 inches of rainfall, which was only 2.7% of normal. Victoria received only 0.61 inches of rainfall, which was only 30% of normal. Radar estimates of February 2006 monthly rainfall indicate most areas of South Texas received less than 10% of normal rainfall for February. The exception was Victoria and Calhoun counties as well as portions of Goliad, Northern Refugio, and Eastern Live Oak counties, where generally 10-40% of normal rainfall was estimated.

Corpus Christi International Airport experienced their 5th driest winter (Dec-Feb) on record, with only 0.67 inches of rainfall. Victoria had their 4th driest winter on record, with only 2.60 inches of rainfall. Beeville and Laredo both had their 2nd driest winter on record, with 0.99 inches and 0.31 inches respectively.

The fire danger also continued across South Texas in February. Sporadic, small wildfires occurred through the month across South Texas. Reservoir levels at Choke Canyon and Lake Corpus Christi also continued to slowly fall through the month.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

TEXAS, North

**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 300M Drought
28 2359CST

The hydrologic and agricultural drought which officially began in May continued across north Texas this month. Many locations had precipitation deficits of 15 to 25 inches below normal for the past twelve months. All of north Texas was again considered to be in either extreme or exceptional drought, as classified by the U.S. Drought Monitor. Some areas along the Red River did see some rainfall this month, and the area of exceptional drought had shrunk considerably since last month. With dry vegetation in place, the threat of wildfires remained quite high. Strong cold fronts brought dry, windy conditions on several occasions to north Texas, which exacerbated the situation. A drought disaster was declared for all Texas counties, and almost all north Texas counties were under burn bans.

Lakes across north Texas were on average 7 to 15 feet below normal elevation, and a few were even worse off. The lower lake levels presented new hazards to boaters, as rock and other materials protruded from beneath the surface and edges of the lakes. Several boat ramps were closed as a precaution. City officials in Plano increased their water conservation efforts, asking the city's top 10 water users to identify ways to decrease their usage.

A conference was held in San Antonio to discuss the drought and find possible solutions. Farmers and ranchers were having a particularly hard time with the drought's effects. Hay was both very expensive and scarce in the state, and calves were being sold underweight. This year's wheat crop was expected to be well below normal. The cotton crop was also in danger of being below normal if ample precipitation didn't fall soon. The Texas Farm Bureau set up a relief fund which donated hay, feed, wire, fence posts, addition workers, and money to help offset the costs incurred from the drought and related wildfires. The United States Department of Agriculture decided to allow emergency grazing on Conservation Reserve Program land across Texas through June. The Governor also temporarily suspended permit requirements and fees so that out-of-state hay could more easily reach those who needed it.

Many other effects were felt due to the drought. Wildlife and native plants were suffering. Many birds and other animals which nest on the ground were having a hard time finding food. Cracked foundations were a common occurrence across north Texas. One foundation repair company reported that the ground was so dry that they found problems with foundation piers 12 feet below the surface.

Robertson County

3 S Franklin

01 0720CST 0 0 Flash Flood
1000CST

Water covering the road along Farm to Market 46.

TXZ146

Navarro

14 1400CST 0 0 45K Wildfire

A wildfire burned 100 acres near Corsicana and destroyed three uninhabited mobile homes.

TXZ118

Tarrant

16 1400CST 0 0 1K Strong Wind

Gusty gradient winds overturned a tractor trailer off Texas 183 near the Dallas/Fort Worth airport.

TXZ103>104-

118>119-121-

131>132-134-

144>145-156>159

Denton - Collin - Tarrant - Dallas - Kaufman - Hood - Somervell - Ellis - Bosque - Hill - Lampasas - Coryell - Bell - McLennan

18 0330CST 0 0 Winter Weather/Mix
20 0900CST

Light precipitation fell as temperatures hovered around freezing for much of the weekend. Dozens of accidents related to the icy conditions were reported in several counties. There were numerous injuries and at least 5 fatalities indirectly related to the winter weather. The Dallas/Fort Worth International Airport cancelled approximately 100 flights on Saturday alone.

Hunt County

Greenville

25 0315CST 0 0 5K Heavy Rain

Part of the roof at the Greenville Herald-Banner caved in due to heavy rainfall.

Tarrant County

10 W Ft Worth

25 0444CST 0 0 160K Lightning
0600CST

Lightning started a fire in an apartment complex when it struck an electrical panel. Twelve units were damaged by the fire, and two residents were treated for smoke inhalation.

Storm Data and Unusual Weather Phenomena

February 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 Panhandle

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.

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.

TEXAS, Northeast

**TXZ096>097-
108>112-124>126-
136>138-149>153-
165>167**

Red River - Bowie - Franklin - Titus - Camp - Morris - Cass - Wood - Upshur - Marion - Smith - Gregg - Harrison - Cherokee - Rusk - Panola - Nacogdoches - Shelby - Angelina - San Augustine - Sabine

**19 1700CST
20 0600CST**

0 0

Winter Weather/Mix

Much of the region was entrenched in an arctic airmass during the weekend of the 18th through the 20th of February. A weak storm system moved into the southern plains and into the lower Mississippi valley with light freezing rain and freezing drizzle falling across much of the region. Ice accumulations were very light...mainly less than one quarter of an inch across most places. While road surfaces remained wet from ground warmth, most elevated bridges and overpasses saw some ice accumulation which resulted in numerous traffic accidents. Many elevated bridges and overpasses had to be closed due to the ice accumulation.

TEXAS, South

NOT RECEIVED.

TEXAS, South Central

NONE REPORTED.

TEXAS, South Panhandle

TXZ021>044

Parmer - Castro - Swisher - Briscoe - Hall - Childress - Bailey - Lamb - Hale - Floyd - Motley - Cottle - Cochran - Hockley - Lubbock - Crosby - Dickens - King - Yoakum - Terry - Lynn - Garza - Kent - Stonewall

**01 0000CST
28 2359CST**

0 0

Drought

The drought that commenced over the south-central U.S. in the autumn of 2005 intensified over much of west Texas in February. During the first week of the month, D2 (severe) drought conditions, per the U.S. Drought Monitor, spread in areal coverage to encompass all of the west Texas South Plains region. By the end of February, conditions had further deteriorated, with a D3 (extreme) drought progressing over the northern South Plains and the Texas Panhandle. This despite the region's first measurable rainfall since late October 2005, which occurred on the morning of February 3rd when Lubbock received 0.03 inches of rain. Tulia (Swisher County) received the only significant rainfall of the event, measuring 0.38 inches.

The continued threat for wildfires over much of the Southern Plains of the U.S. continued to make national media headlines. Critical fire weather conditions, however, were dampened somewhat over west Texas during the month of February. The decrease in wildfire activity across the South Plains region was likely due to a relative lack of strong westerly winds and at least two cold fronts that brought periods of below normal temperatures and higher relative humidities. Abnormally warm conditions returned to the region by the month's end with record high temperatures again posted at Childress and Lubbock on the 27th and the 28th, including a monthly record warm temperature of 89 degrees at Lubbock on the 28th.

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. The drought, however, 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.

Storm Data and Unusual Weather Phenomena

February 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, Southeast

NOT RECEIVED.

TEXAS, West

TXZ258

Guadalupe Mountains Of Culberson County

15	0000CST								
16	1600CST				0	0	0	0	High Wind (G81)

High winds affected the Guadalupe Mountains of west Texas over Valentine's Day weekend. Sustained wind speeds were between 35 and 50 mph over a 40-hour period. Gusts were mainly in the 60 mph range; however, there were two extreme gusts, one to 91 mph and another to 93 mph. No damage was reported.

TEXAS, Western North

TXZ083>090

Hardeman - Foard - Wilbarger - Wichita - Knox - Baylor - Archer - Clay

01	0000CST								
28	2359CST				0	0			Drought

Drought conditions continued across western north Texas throughout the month of February. Mainly extreme (D3) drought conditions were reported across the area. The dry conditions continued to exacerbate already difficult fire weather conditions, with wildfires in parts of the area. The drought was also affecting ranchers and farmers whose farm ponds for the animals were low or dry and pasture grass was less than ideal for feeding large numbers of livestock.

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								
28	2359MST				0	0			Drought

Occasional storms brought some snowfall to extreme eastern Utah, but widespread precipitation capable of impacting the dryness across the region did not occur. Mountain snowpack remained exceptionally low across southeast Utah while the mountains of northeast Utah continued to experience near average snowpack. In short, there was little change in the dryness and water supply concerns for eastern Utah, with abnormally dry conditions continuing for the entire area except for the Eastern Uinta Mountains. For a continuation on this drought situation please see the March 2006 Storm Data publication.

UTZ028

La Sal & Abajo Mountains

15	1200MST								
	2000MST				0	0	3K		Strong Wind

A strong southwest flow ahead of a cold front produced sustained winds from 25 to 40 mph with frequent gusts of 55 to 60 mph across the mountains of southeast Utah. The highest gust recorded was 85 mph at La Sal. Some trees were downed by the strong winds.

UTZ023

Eastern Uinta Mountains

15	1200MST								
16	0700MST				0	0			Winter Weather

Around 5 inches of snow fell across the Eastern Uinta Mountains above 8000 feet. Gusty winds of 20 to 35 mph caused areas of blowing and drifting of snow.

UTAH, West and Central

UTZ008

Wasatch Mountains South Of I80

04	1800MST								
	2100MST				0	0			Winter Storm

Arrowhead at Sundance

UTZ004>005-008-015 Southern Wasatch Front/Lehi/Provo/Nephi - Great Salt Lake Desert And Mountains/Wendover/Snowville - Wasatch Mountains South Of I80 - West Central Utah/Delta

04	1900MST								
	2300MST				0	0			High Wind (G79)

Provo BYU

UTZ001>004-006>007-015-017 Cache Valley/Utah Portion - Northern Wasatch Front/Brigham City/Ogden Bountiful - Salt Lake And Toole Valleys - Southern Wasatch Front/Lehi/Provo/Nephi - Wasatch Mountain Valleys/Huntsville/Park City/Heber - Wasatch Mountains I80 North - West Central Utah/Delta - Central And Southwest Mountains

15	0150MST								
19	0900MST				0	0			Heavy Snow

Wellsville, 10" in 12h

UTZ008

Wasatch Mountains South Of I80

15	0300MST								
	0900MST				0	0			High Wind (G80)

Mt Baldy

A fast moving storm brought snow and lots of wind. This system was responsible for over 100 traffic accidents.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

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 0 0 High Wind (G61)
0900MST

From Tooele spotter

UTZ007>008 Wasatch Mountains I80 North - Wasatch Mountains South Of I80

28 0330MST 0 0 Winter Storm
1600MST

Tony Grove 8" in 12h. 80mph wind gusts at Snowbasin

VERMONT, North and Central

VTZ001>008-016>017 Grand Isle - Western Franklin - Orleans - Essex - Western Chittenden - Lamoille - Caledonia - Washington - Eastern Franklin - Eastern Chittenden

06 0600EST 0 0 100K Winter Weather/Mix
1800EST

Low pressure moved into the eastern Great Lakes on the 5th and then moved northeast across Quebec province on the 6th. On the 6th, a cold polar vortex located across Quebec created a persistent west-southwest cold flow over the relatively mild lake waters of the eastern Great Lakes. A series of Lake effect snowbands developed off Lake Ontario during the evening of the 5th, reaching northern Vermont overnight and continued until the late evening of the 6th. Some of the heaviest snowbands moved across Grand Isle and Franklin counties around 3 pm on the 6th of February. An 18 vehicle accident occurred on Interstate 89 near Exit 21 (Highgate) due to the slippery roads.

General snowfall was 1 to 3 inches in the valleys, but favored upslope regions witnessed 4 to 6 inches. Snowfall amounts included: 2 inches in South Burlington (Chittenden county), East Haven (Essex county), St. Albans (Franklin county), Waitsfield (Washington county), while 3 inches of snow fell in Newport (Orleans county), Waterbury Center (Washington county) and Island Pond (Essex county). Snowfall of 4 inches was reported in Jericho (Chittenden county), Morrisville (Lamoille county), and Greensboro (Orleans county), while 5 inches accumulated in Westford (Chittenden county), Sutton (Caledonia county), and 6 inches was reported in North Underhill (Chittenden county), Jeffersonville and Eden (Lamoille county) and a localized 12 inches at Jay Peak.

VTZ001>002-005 Grand Isle - Western Franklin - Western Chittenden

17 1100EST 0 0 150K High Wind (G35)
1600EST

Low pressure moved through the eastern Great Lakes and St Lawrence Valley region during early Friday morning (the 17th). An accompanying arctic front barreled across the Champlain Valley of Vermont during the mid to late morning hours. Sustained winds of 30 to 40 mph with damaging wind gusts in excess of 60 mph moved across the region between late morning and mid afternoon. There were widespread reports of trees and power lines down across the Champlain Valley, with a few specific reports including the localities of Williston, St. Albans, Grand Isle and Alburg. Structural damage from trees hitting houses was reported in the town of Enosburg, with shingles torn off roofs in the localities of Williston and St. Albans. Some measured wind gusts included: 62 mph at St. Albans and 52 mph in Burlington. Numerous power outages were reported across the area, with an estimated 50,000 customers statewide in Vermont without power.

VTZ016>017 Eastern Franklin - Eastern Chittenden

17 1100EST 0 0 100K High Wind (G37)
1600EST

Low pressure moved through the eastern Great Lakes and St Lawrence Valley region during early Friday morning (the 17th), while an accompanying arctic front barreled across the Champlain Valley into the western slopes of the Green Mountains of Vermont during the late morning hours. Sustained winds of 35 to 45 mph with damaging wind gusts in excess of 70 mph moved across the region between late morning and mid afternoon. There were widespread reports of trees and power lines down across the western slope communities blocking roads and causing structural damage in localities such as Jericho and Enosburg Falls. Power outages were common across the area, with an estimated 50,000 customers statewide across Vermont losing power. Estimated and unofficial measured wind speeds reached 80 mph, with a measured wind gust of 102 mph at the summit of Mount Mansfield.

VTZ003-006 Orleans - Lamoille

17 1100EST 0 0 50K High Wind (G35)
1700EST

Low pressure moved through the eastern Great Lakes and St Lawrence Valley region during early Friday morning (the 17th), while an accompanying arctic front barreled across the Green Mountains of Vermont into central Vermont during the late morning hours. Sustained winds of 30 to 40 mph with damaging wind gusts in excess of 60 mph moved across the region between late morning and mid afternoon. There were widespread reports of trees and power lines down across north central Vermont blocking roads in communities such as Newport, Stowe, Barton and Jeffersonville. Some structural damage occurred when trees fell on porches or houses. The summit of Mount Mansfield experienced sustained winds of 80 mph with a peak gust of 102 mph. Power outages were numerous, with an estimated 50,000 customers without power statewide across Vermont.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

VERMONT, North and Central

VTZ008>009-011-018>019 **Washington - Western Addison - Western Rutland - Eastern Addison - Eastern Rutland**

17	1100EST 1600EST								
		0	0	350K					High Wind (G37)

Low pressure moved through the eastern Great Lakes and St Lawrence Valley region during early Friday morning (the 17th), while an accompanying arctic front barreled across the southern Champlain Valley into the western slopes of the Green Mountains of Vermont during the late morning hours. Sustained winds of 35 to 45 mph with damaging wind gusts in excess of 60 mph moved across the region between late morning and mid afternoon. There were widespread reports of trees and power lines down, blocking roads and causing structural damage. In Addison county, a roof was partially torn off a General Store in West Addison, while a brick exterior wall was partially removed in Fair Haven. In Washington county, a construction site at Sugarbush Ski Resort in the town of Warren had numerous toppled trusses as a result of winds in excess of 80 mph, including a peak wind gust of 93 mph. Other wind gusts included: 75 mph at the Killington Ski resort and 64 mph at Bridport.

Some of the localities reporting damage included: Bridport, Rutland, Clarendon, Castleton, Addison, Middlebury, Hubbardton, Middletown Springs, Vergennes, Brandon, Warren, Waitsfield, Barre, Fayston and Moretown. Power outages were widespread across the area, with an estimated 50,000 customers statewide in Vermont without power.

VTZ004-007-010-012 **Essex - Caledonia - Orange - Windsor**

17	1200EST 1800EST								
		0	0	100K					High Wind (G35)

Low pressure moved through the eastern Great Lakes and St Lawrence Valley region during early Friday morning, February 17th. Meanwhile, an arctic front barreled across eastern Vermont by midday. Sustained winds of 30 to 40 mph with strong and damaging wind gusts in excess of 55 mph moved across eastern Vermont during the afternoon. There were widespread reports of trees and power lines down blocking roads and causing structural damage in communities such as Windsor, Hartland, St. Johnsbury, Lyndonville, Wheelock, Sutton, Sheffield, Victory, Concord, Springfield, Bradford, Sharon, Norwich, Ascutney and Bridgewater. There were numerous power outages across the area, with an estimated 50,000 customers statewide in Vermont without power.

VTZ001>002-005-009>012-019 **Grand Isle - Western Franklin - Western Chittenden - Western Addison - Orange - Western Rutland - Windsor - Eastern Rutland**

18	2000EST								
19	0500EST								
		0	0						Extreme Cold/Wind Chill

An arctic airmass moved into Vermont during the night of the 17th and delivered colder air through the 18th. Meanwhile, a strong pressure gradient between the arctic high across the Great Lakes and the departing storm in Newfoundland was creating brisk winds of 10 to 20 mph with higher gusts. The combination resulted in wind chills of 10 to 20 below zero in the Champlain Valley and south central portions of Vermont.

VTZ003>004-006>008-016>018 **Orleans - Essex - Lamoille - Caledonia - Washington - Eastern Franklin - Eastern Chittenden - Eastern Addison**

18	2000EST								
19	0600EST								
		0	0						Extreme Cold/Wind Chill

An arctic airmass moved into Vermont during the night of the 17th and delivered colder air through the 18th. Meanwhile, a strong pressure gradient between the arctic high across the Great Lakes and the departing storm in Newfoundland was creating brisk winds of 10 to 20 mph with higher gusts. The combination resulted in wind chills of 15 to 25 below zero in northern Vermont.

VTZ002-005 **Western Franklin - Western Chittenden**

24	0400EST 1400EST								
		0	0	35K					Winter Weather/Mix

An upper level disturbance and cold front raced east across Vermont just after midnight on the 24th delivering light widespread snow accumulations. Meanwhile, just before daybreak on the 24th, a climatologically favored upslope event developed...especially across the western slopes of the northern Green Mountains of Vermont that continued into the early evening. Numerous accidents were reported Friday morning (24th) due to snow squalls across northern Vermont, including the forced closure of Interstate 89 between Exits 11 and 12 northbound for a few hours. Generalized snowfall of 1 to 3 inches occurred in the northern Champlain Valley, including 2 inches in South Burlington and 3 inches in Williston.

VTZ003-006-008-016>018 **Orleans - Lamoille - Washington - Eastern Franklin - Eastern Chittenden - Eastern Addison**

24	0400EST 1600EST								
		0	0	50K					Winter Weather/Mix

An upper level disturbance and cold front raced east across the region just after midnight on the 24th delivering light widespread snow accumulations. Meanwhile, just before daybreak on the 24th, a climatologically favored upslope event developed across the western slopes of the northern Green Mountains of Vermont and continued into late afternoon. Snowfall across the counties encompassing the northern Green Mountains was 2 to 5 inches, with some very localized higher amounts. Some specific snowfall totals included: 2 inches in Worcester, 3 inches in Morrisville and Newport, 4 inches in East Albany, 5 inches in Cambridge, 6 inches in the towns of Jericho, Waitsfield and Eden, with a localized 10 inches at Jay Peak. There were numerous traffic accidents across the region, especially in Chittenden and Washington counties, including the localities of Jericho, Huntington, Fayston, Warren and Middlesex with several portions of Interstate 89 shut down at various times.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

VERMONT, North and Central

VTZ004-007-010-012	Essex - Caledonia - Orange - Windsor	24	0500EST 1500EST		0	0	15K		Winter Weather/Mix
---------------------------	---	-----------	----------------------------	--	----------	----------	------------	--	---------------------------

An upper level disturbance and cold front raced east across the region just after midnight on the 24th delivering light widespread snow accumulations. Meanwhile, just before daybreak on the 24th, a climatologically favored upslope event developed across the western slopes of the northern Green Mountains of Vermont and continued east across eastern Vermont into the afternoon. Snowfall was generally 1 to 3 inches. Snowfall totals include; 1 inch in Bethel...2 inches in Brookfield, Rochester, Woodstock, East Haven and Canaan with 3 inches in Sutton.

VTZ001>007-016>017	Grand Isle - Western Franklin - Orleans - Essex - Western Chittenden - Lamoille - Caledonia - Eastern Franklin - Eastern Chittenden	25	1500EST 2100EST		0	0	58K		Winter Weather/Mix
---------------------------------	--	-----------	----------------------------	--	----------	----------	------------	--	---------------------------

An unusually strong Alberta clipper moved across southern Vermont during the afternoon of the 25th. Snow started across northern Vermont by midday and continued into the evening, then tapered off before midnight. Snowfall was much more limited, the further away from the storm track. Snowfall amounts ranged from an inch to 4 inches across portions of northern Vermont. Some specific snowfall totals included: 1 inch in Underhill (Chittenden county), Island Pond (Essex county) and Newport (Orleans county)...2 inches in Greensboro (Orleans county) and Sutton (Caledonia county)...3 inches in South Burlington (Chittenden county), Morrisville (Lamoille county) and East Albany (Orleans county) with 4 inches in Enosburg Falls (Franklin county). A number of traffic accidents were reported due to slippery roads.

VTZ009-011-018>019	Western Addison - Western Rutland - Eastern Addison - Eastern Rutland	25	1700EST 2100EST		0	0	50K		Winter Storm
------------------------------	--	-----------	----------------------------	--	----------	----------	------------	--	---------------------

An unusually strong Alberta clipper moved across southern Vermont during the afternoon of the 25th. Snow started across southwest Vermont by late morning and quickly became steadier and heavier in the afternoon, before dissipating that evening. Snowfall was generally 4 to 10 inches, with the heaviest in the Green Mountains. Snowfall reports included: 3 inches in Danby Four Corners (Rutland county), 4 inches in the city of Rutland, 6 inches in Middlebury (Addison county), 7 inches in Bridport (Addison county) and Florence (Rutland county), 8 inches in Mendon (Rutland county) and 10 inches at Killington (Rutland county). A number of traffic accidents were reported.

VTZ008	Washington	25	1700EST 2100EST		0	0	8K		Winter Storm
---------------	-------------------	-----------	----------------------------	--	----------	----------	-----------	--	---------------------

An unusually strong Alberta clipper moved southeast across southern Vermont during the afternoon of the 25th. Snowfall developed by midday and quickly became steady and heavier in the afternoon, before diminishing during the evening. Snowfall totals were greatest in extreme southern portions of Washington county, where 6 to 9 inches accumulated. Otherwise, a few specific snowfall accumulations included: 2 inches in Plainfield, 3 inches in Waterbury Center, 4 inches in Worcester and 6 inches in Waitsfield.

VTZ010-012	Orange - Windsor	25	1800EST 2300EST		0	0	30K		Winter Storm
-------------------	-------------------------	-----------	----------------------------	--	----------	----------	------------	--	---------------------

An unusually strong Alberta clipper moved southeast across southern Vermont during the afternoon of the 25th. Snowfall developed around midday and quickly became heavy at times during the afternoon and evening before it diminished around midnight. Widespread snowfall accumulations were 8 to 12 inches. Some specific totals include: 8 inches in Chelsea and Williamstown (Orange county), 9 inches in Springfield (Windsor county), 10 inches in Brookfield (Orange county), as well as Rochester and Cavendish (Windsor county), 12 inches in Hartland (Windsor county) and 14 inches in Bethel (Windsor county).

VTZ001>012-016>019	Grand Isle - Western Franklin - Orleans - Essex - Western Chittenden - Lamoille - Caledonia - Washington - Western Addison - Orange - Western Rutland - Windsor - Eastern Franklin - Eastern Chittenden - Eastern Addison - Eastern Rutland	27	0000EST 1000EST		0	0			Extreme Cold/Wind Chill
---------------------------------	--	-----------	----------------------------	--	----------	----------	--	--	--------------------------------

An arctic airmass was entrenched across Vermont during the early morning hours of the 27th. In addition, the pressure gradient between arctic high pressure in central Canada and low pressure in Labrador Canada accounted for brisk winds. The combination of brisk winds and very cold temperatures produced wind chills of 15 to 30 degrees below zero.

VERMONT, South

Bennington County	Bennington Arpt	17	1035EST		0	0			Thunderstorm Wind (G66)
--------------------------	------------------------	-----------	----------------	--	----------	----------	--	--	--------------------------------

A wind gust of 66 miles an hour was measured during a thunderstorm at the airport in Bennington.

Windham County	Dummerston Center	17	1103EST		0	0			Thunderstorm Wind (G60)
-----------------------	--------------------------	-----------	----------------	--	----------	----------	--	--	--------------------------------

A thunderstorm blew down trees in Dummerston Center. Also, there was pea-sized hail.

Storm Data and Unusual Weather Phenomena

February 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>VERMONT, South</u>									
VTZ013		Bennington							
		17 1145EST			0	1			High Wind (G60)
		Trees and power lines were blown down in Sunderland.							
VTZ014		Western Windham							
		17 1146EST			0	0			High Wind (G143)
		Ski lift personnel at the Straton Mountain Ski Resort reported a measured wind gust of 143 miles an hour at the top of Straton Mountain; elevation of 3885 feet above sea level.							
VTZ014		Western Windham							
		17 1200EST			0	0			High Wind (G60)
		Trees and wires were blown down in Wilmington.							
VTZ015		Eastern Windham							
		17 1207EST			0	0			High Wind (G60)
		Trees and wires were blown down in Putney.							
		At daybreak on February 17, an intensifying low pressure was over the St Lawrence Valley of New York. It traveled rapidly down the St Lawrence Valley. An associated cold front moved across southern Vermont around noon. A strong pressure gradient was over the region as the cold front moved through. Widespread wind gusts in excess of 60 miles an hour resulted in loss of electricity to about 5,000 homes and businesses across southern Vermont. Some of the strong winds were associated with thunderstorms and some were not. Although, official estimates of damage were not available, based on the cost of power restoration in central Vermont from the same storm, damage may be on the order of a quarter million dollars. The strongest wind occurred at mountain top locations. A wind gust of 143 miles an hour was measured at the ski resort on Straton Mountain, nearly 4,000 feet above sea level.							
VTZ014		Western Windham							
		25 0900EST			0	0			Heavy Snow
		1900EST							
		On February 25, 6 to 10 inches of snow accumulated in western Windham County.							
		On February 25, low pressure over the eastern Great Lakes early in the day moved into northern New England during the evening. A warm front moved eastward from the Finger Lakes area, but the warm air was cut off by colder air sweeping around the low pressure. A moderately heavy snowfall occurred in the Green Mountains of Windham County.							
<u>VIRGIN ISLANDS</u>									
NONE REPORTED.									
<u>VIRGINIA, East</u>									
VAZ066>073-076>078-081-084-099		Lunenburg - Nottoway - Amelia - Powhatan - Chesterfield - Henrico - King William - King And Queen - Richmond - Northumberland - Lancaster - Prince George - Gloucester - Accomack							
		11 1900EST			0	0			Winter Weather
		12 1200EST							
		A winter storm produced one to three inches of snow across portions of central and eastern Virginia. The snow caused slippery driving conditions, which resulted in several accidents. The highest amounts were reported in Paineville in Amelia county 3", Midlothian in Chesterfield county 3", City of Richmond 3", Lunenburg in Lunenburg county 3", Heathsville in Northumberland county 3", Nottoway courthouse in Nottoway county 3", Powhatan in Powhatan county 3", Lively in Lancaster county 2.5", Chester in Chesterfield county 2", Winterpock in Chesterfield county 2", Sandston in Henrico county 2", King and Queen in King and Queen county 2", King William in King William county 2", Warsaw in Richmond county 2", Wallops Island in Accomack county 1.5", Gloucester in Gloucester county 1", Lancaster in Lancaster county 1", and Blackstone in Nottoway county 1".							
VAZ048>049		Fluvanna - Louisa							
		11 2300EST			0	0			Winter Storm
		12 0900EST							
		A winter storm produced four to as much as seven inches of snow across Fluvanna and Louisa counties. The snow caused hazardous driving conditions, which resulted in numerous accidents. The highest amounts were reported in Mineral in Louisa county 7", Louisa in Louisa county 6.5", Palmyra in Fluvanna county 6", and Cuckoo in Louisa county 5".							
VAZ064		Caroline							
		12 0200EST			0	0			Winter Storm
		0900EST							
		A winter storm produced four to as much as eight inches of snow across Caroline county. The snow caused hazardous driving conditions, which resulted in numerous accidents. The highest amounts were reported in Corbin 8", Bowling Green 6", Ruther Glen 5", and Burruss Corner 4.3".							
VAZ060>063-074>075		Prince Edward - Cumberland - Goochland - Hanover - Essex - Westmoreland							
		12 0400EST			0	0			Winter Storm
		1100EST							
		A winter storm produced four to six inches of snow across portions of central Virginia and the Virginia northern neck. The snow caused hazardous driving conditions, which resulted in numerous accidents. The highest amounts were reported in Champlain in							

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

VIRGINIA, East

Essex county 6", Farmville in Prince Edward county 5.5", Cumberland in Cumberland county 5", Sandy Hook in Goochland county 5", Stratford Hall in Westmoreland county 5", Goochland in Goochland county 4", and Ashland in Hanover county 4".

**VAZ048>049-
060>061-064-074**

Fluvanna - Louisa - Prince Edward - Cumberland - Caroline - Essex

18	0900EST 1400EST				0	0			Winter Weather
----	--------------------	--	--	--	---	---	--	--	-----------------------

A winter storm produced one half inch to one inch of snow across portions of central Virginia. The snow caused a few slippery roadways. The highest amounts were reported in Louisa in Louisa county 1", Cumberland in Cumberland county 1", and Ruther Glen in Caroline county 1".

**VAZ062>063-065-
068>072-080>081**

Goochland - Hanover - Mecklenburg - Amelia - Powhatan - Chesterfield - Henrico - King William - Dinwiddie - Prince George

20	0400EST 0800EST				0	0			Winter Weather
----	--------------------	--	--	--	---	---	--	--	-----------------------

A winter storm produced one half inch to one inch of snow across portions of central Virginia. The snow caused a few slippery roadways. The highest amounts were reported in Winterpock in Chesterfield county 1", City of Colonial Heights 1", Boydton in Mecklenburg county 1", Prince George in Prince George county 1", Manquin in King William county 0.8", and Powhatan in Powhatan county 0.5".

VIRGINIA, Extreme Southwest

**VAZ001>002-
005>006-008**

Lee - Wise - Scott - Russell - Washington

11	1200EST				0	0			Heavy Snow
12	0300EST								

A strong storm system moved across the Tennessee valley and appalachian region and deposited an average of 4 to 6 inches of snow with locally greater amounts in the highest terrain.

**VAZ001>002-
005>006-008**

Lee - Wise - Scott - Russell - Washington

17	1000EST				0	0			Heavy Snow
18	1600EST								

3 to 6 inches of snow.

A winter storm hit extreme southwest Virginia. 3 to 6 inches of snow fell in the higher elevations, while 1 to 2 inches was reported in the valley.

VIRGINIA, North

**VAZ021-025>031-
038>042-050>057**

Highland - Augusta - Rockingham - Shenandoah - Frederick - Page - Warren - Clarke - Greene - Madison - Rappahannock - Fauquier - Loudoun - Orange - Culpeper - Prince William - Fairfax - Arlington - Stafford - Spotsylvania - King George

11	1730EST				0	0	250K		Heavy Snow
12	0900EST								

VAZ037

Albemarle

11	2300EST				0	0			Winter Storm
12	0700EST								

A historic snowstorm occurred between February 11-12 across the Mid-Atlantic. Storm total snowfall across much of Northern and Central Virginia ranged generally between 8-14 inches. The highest snowfall totals occurred in the Northern Virginia suburbs of Washington, DC, where reports ranged up to 15 inches. There were also isolated reports of significant drifting of snow, mainly in and near Albemarle County. Finally, there were several instances of downed powerlines and trees due to the heavy snow. This caused significant power outages in some areas. Total power outages were reported to be around 300,000 customers around the Washington/Baltimore region. Amtrak reported major delays and cancellations all along the northeast rail corridor, which passes through Baltimore and Washington, DC. There were also major delays at all 3 major hub airports in the region, Washington Dulles, Washington National, and Baltimore/Washington.

**VAZ021-025>026-
029>030-037-
040>042-051>053**

Highland - Augusta - Rockingham - Page - Warren - Albemarle - Rappahannock - Fauquier - Loudoun - Culpeper - Prince William - Fairfax

22	0700EST 1200EST				0	0			Winter Weather
----	--------------------	--	--	--	---	---	--	--	-----------------------

An area of low pressure moved across the area and generated a period of snow. Total Snowfall ranged from 1 to 3 inches across the area. Inconveniences in travel and commerce occurred due to this snowfall.

**VAZ031-037-
041>042-050>055**

Clarke - Albemarle - Fauquier - Loudoun - Orange - Culpeper - Prince William - Fairfax - Arlington - Stafford

23	0300EST 0800EST				0	0			Dense Fog
----	--------------------	--	--	--	---	---	--	--	------------------

Areas of dense fog occurred during the early morning.

Storm Data and Unusual Weather Phenomena

February 2006

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

VIRGINIA, Northwest

VAZ003>004	Dickenson - Buchanan	12	0000EST						
			1300EST		0	0			Heavy Snow

These 2 Virginia counties were on the western fringe of the heavy snow accumulations, associated with a developing coastal storm. The snow began around 2230E on Friday the 10th, then continued through the day on the 11th, before transitioning into lingering snow showers during the daylight hours of Sunday, the 12th. Heavy snow criteria was reached overnight Saturday into Sunday morning.

Snow accumulations of 4 to 8 inches were common. Yet, due to the warm ground, snow accumulations were highly elevation dependent. A few river valley locations had only 3 to 4 inches, while in contrast, some of the higher elevations had 10 to 12 inches of snow.

VIRGINIA, Southwest

Pittsylvania County									
2 SE Callands to	04	1505EST	2	200	0	1	94.5K		Tornado (F1)
3 E Callands		1508EST							
Pittsylvania County									
3.5 NE Callands	04	1508EST	0.1	20	0	0	2K		Tornado (F0)
		1509EST							
Pittsylvania County									
5 SE Keeling	04	1555EST			0	0			Thunderstorm Wind (G55)
Halifax County									
6 NE Ridgeway	04	1613EST			0	0			Thunderstorm Wind (G55)
Halifax County									
Nathalie	04	1620EST			0	0			Thunderstorm Wind (G55)
Charlotte County									
Phenix	04	1630EST			0	0			Hail (0.75)

A fast moving thunderstorm spawned two weak tornadoes over western Pittsylvania County during the afternoon of the 4th. A tornado initially touched down 2 miles southeast of Callands and removed a well built wood frame carport from the side of a house and carried this debris 50 feet. This tornado proceeded north-northeast through a wooded area, and then crossed Highway 57, 3 miles east of Callands. Damage here was on the western side of the tornado track, with damage to a church. The damage include vinyl siding being ripped off two sides of the church, shingles torn off, and the brick sign in front of the church toppled over. The east side of the damage path saw several outbuildings and storage sheds demolished, part of a roof of a home torn off, and a small brick chimney knocked over. Besides structural damage, this first tornado snapped or uprooted many trees. The damage here was consistent with an F1 tornado.

One person suffered minor injuries while driving in the vicinity of the tornado.

A second F0 tornado touched down briefly 3.5 miles northeast of Callands. This tornado blew out underpinnings on 2 mobile homes, and tore off a large piece of aluminum siding from a barn.

Within this thunderstorm, straight line wind damage was also observed, with trees downed outside the path of the tornadoes.

Other severe thunderstorms downed trees in Halifax and Pittsylvania counties.

WASHINGTON, Northeast

WAZ042>043	East Slopes Northern Cascades - Okanogan Valley	01	0000PST						
			0400PST		0	0			Winter Storm

A winter storm system moved through the east slopes of the Cascades and the Okanogan Valley during the day of the 31st of January and into the early morning hours of the 1st of February. For the valleys along the east slopes of the Cascades, at least 6 to 12 inches of new snow fell with this storm with the town of Mazama receiving 12 inches. The Okanogan Valley received 4 to 6 inches of new snow.

WAZ041	Wenatchee Area	01	0630PST						
			0730PST		0	3			Winter Weather

A weak Pacific storm moved through the Wenatchee River Valley during the morning of the 1st of February. The storm brought several hundredths of an inch of rain to the area with clearing skies and freezing temperatures to follow. The freezing temperatures caused Highway 2 near the town of Cashmere to become icy and quite hazardous. There were several serious accidents with several injuries reported.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

WASHINGTON, Northwest

WAZ001>003-005-007>012-015>016 **San Juan**

03	1900PST				0	1	7.5M		High Wind (G68)
04	1500PST								

A 968 mb low produced high winds over much of Western Washington. About 260,000 homes and businesses lost power. For the first time in 7 years, the Evergreen floating bridge was closed, the Hood Canal bridge was also closed. Ferry service was also halted. Many roofs were damaged, some blew off, and others were smashed by fallen trees. The Woodland Park Zoo, in Seattle, was closed because of concern that falling trees could damage fences, possibly releasing animals. A man in Tumwater was injured when a tree fell on his house and shards of ceiling tile struck his head.

WAZ002-009-016

04	0100PST				0	0	500K		Coastal Flood
	1500PST								

Residents on Camano and Whidbey Islands, as well as those along Bellingham's waterfront and at Gooseberry and Sandy points had damaged homes due to the combination of strong winds and high tides. Large pieces of driftwood and logs damaged people houses and boats. Many waterfront homes were flooded, and some decks or docks extending into the water were destroyed. Oak Bay county park suffered damage to its road and picnic tables.

WAZ004

10	0700PST				0	0	100K		High Wind (G53)
	1400PST								

WAZ016

10	0700PST				0	0	5K		Strong Wind
	1400PST								

High winds knocked out power to more than 4000 homes. Several houses had trees fall on them and fences blown down.

WAZ004

17	0600PST				0	0	20K		High Wind (G54)
	1800PST								

WAZ008-011

17	0600PST				0	1	1.2M		Strong Wind
	1800PST								

More than 60,000 homes and businesses lost power. Dozens of trees fell on homes or cars, and several roads were closed because of fallen trees. A county road worker suffered serious leg injuries after being hit by a falling tree. Several schools sent students home early due to power outages. Car ferry service was disrupted for Anderson Island due to the auto ramp sinking.

WAZ013>014

27	0100PST				0	0	100K		High Wind (G61)
	0900PST								

About 5000 customers lost power. Parts of roofs were ripped off and a mobile home was overturned. Schools were delayed or cancelled due to power outages.

WASHINGTON, Southeast

WAZ028 **Lower Columbia Basin**

01	0500PST				0	0	20K		High Wind (G57)
	0745PST								

High winds gusting to 65 mph blew over a truck on Highway 240, 15 miles west of Richland.

WAZ028>029

Lower Columbia Basin - Blue Mountain Foothills

04	0425PST				0	0		High Wind (G61)
	1800PST							

Several mesonet weather sites on the Hanford reservation recorded gusts over 60 mph with a peak of 67 mph. An observer in Prescott estimated gusts to 70 mph. Gusts to 60 mph were reported in south Walla Walla with power outages and trees down.

WAZ028

Lower Columbia Basin

16	2100PST				0	0		High Wind (G52)
----	---------	--	--	--	---	---	--	------------------------

Damaging winds with an arctic cold front uprooted trees and caused power outages in the Connell area.

WAZ027

Yakima Valley

17	0020PST				0	0		High Wind (G57)
	0600PST							

Strong winds gusting to 65 mph ushered in an arctic cold front. The damaging winds downed power lines and trees in the Yakima-Terrace Heights and Sunnyside areas.

WAZ502

East Slopes Of The Southern Cascades

17	0300PST				0	0		High Wind (G52)
	1200PST							

Damaging northeast winds with an arctic cold front downed numerous trees and power lines across large portions of central and western Klickitat 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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

WASHINGTON, Southeast

WAZ030	Northwest Blue Mountains				0	0			Heavy Snow
	23	2200PST							
	24	0500PST							

Snow began around 3:00 pm and accumulated to 9 inches at Touchet Snotel and 11 inches at Ski Bluewood.

WASHINGTON, Southwest

WAZ020-022-039	Southwest Interior - Lower Columbia - Vancouver Area				1	0	250K		Strong Wind
	03	2000PST							
	04	1200PST							
	F38VE								
WAZ021-040	South Coast - Southern Cascade Foothills				0	0	150K		High Wind (G63)
	03	2000PST							
	04	1200PST							

A strong winter storm brought high winds to portions of southwest Washington. Following are some high winds reported with this storm:

Bay Center reported frequent gusts to 50 knots
 Ocean Park reported frequent gusts to 63 knots
 Toke Point reported 39 knots with gusts to 54 knots
 Tongue Point reported 35 knots with gusts to 54 knots
 Desdemona Lighthouse reported 41 knots with gusts to 56 knots

Many residents experienced power outages due to trees blown down by strong winds. An estimated 6300 residents of Cowlitz County were without power for portions of the night. Additionally, 38-year-old Ingrid Davis was killed after high winds blew down a tree which struck her car on State Route 4 near Cathlamet. The 13-year-old passenger, Alea Davis, was treated for a head injury and cuts.

WAZ039	Vancouver Area				0	0	200K		Strong Wind
	09	0700PST							
	10	1300PST							
WAZ040	Southern Cascade Foothills				0	0	100K		High Wind (G65)
	09	0700PST							
	10	1300PST							

A strong east wind event brought very gusty conditions to inland portions of southwest Washington. Following are some strong wind observations made during this event:

Vancouver Airport reported 17 knots with gusts to 31 knots
 Larch Mountain RAWS reported 28 knots with gusts to 65 knots
 Coldwater Ridge Visitors Center reported 31 knots with gusts to 57 knots
 Locks RAWS reported 10 knots with gusts to 30 knots

Many trees were knocked down due to high winds, and multiple power outages and areas of damage ensued. In Vancouver, a 110-foot tall tree 3 feet in diameter fell through the roof of a home, causing significant damage.

WEST VIRGINIA, East

WVZ048	Grant				0	0			Heavy Snow
	06	0000EST							
		0700EST							

Snowfall up to 7 inches fell overnight. The highest totals occurred on the higher ridge tops near Bayard. Snow drifts up to 3 feet were reported.

WVZ048>055	Grant - Mineral - Hampshire - Morgan - Berkeley - Jefferson - Pendleton - Hardy				0	0			Heavy Snow
	11	1700EST							
	12	0900EST							

A major snowstorm occurred between February 11-12 across the Mid-Atlantic. Storm total snowfall across the Eastern West Virginia Panhandle ranged between 7-12 inches. There were isolated reports of power outages due to downed trees and powerlines across the Panhandle during this storm.

WVZ049	Mineral				0	0	50K		High Wind (G50)
	17	0700EST							
		0800EST							

Numerous reports of downed trees and powerlines occurred across portions of the county, especially in the higher ridges. A strong cold front brought very strong and gusty winds to the Mid-Atlantic on February 17. Scattered reports of downed trees and powerlines occurred across the region.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

WEST VIRGINIA, East

WVZ048>055 **Grant - Mineral - Hampshire - Morgan - Berkeley - Jefferson - Pendleton - Hardy**
 23 **0300EST** **0** **0** **Dense Fog**
 0800EST

Areas of dense fog occurred during the early morning.

WEST VIRGINIA, North

WVZ023-041 **Preston - Tucker**
 12 **0000EST** **0** **0** **Heavy Snow**
 0400EST

Snow started the morning of 11th. Snow became heavy during the afternoon, and diminished by 4 AM on the 12th. Tucker County got 6 inches by midnight, with a total of 11 to 12.5 inches of snow. Preston County got 6 inches by 2 AM on 12th, with a total of 7.5 inches. This area was on the northwest edge of a blizzard that struck New York City and the northeastern U.S.

WEST VIRGINIA, Southeast

NONE REPORTED.

WEST VIRGINIA, West

WVZ037>040-046>047 **Nicholas - Webster - Upshur - Barbour - Pocahontas - Randolph**
 04 **1800EST** **0** **0** **Winter Weather**
 05 **2200EST**

A deepening low pressure system lifted north into Ontario. Backlash snow deposited a 1 to 4 inch accumulation across the lower elevations. A few higher mountain locations received 6 to 10 inches of snow.

WVZ033>040-046>047 **Mcdowell - Wyoming - Raleigh - Fayette - Nicholas - Webster - Upshur - Barbour - Pocahontas - Randolph**

12 **0300EST** **0** **0** **Heavy Snow**
 1400EST

These West Virginia mountainous counties were on the western fringe of the heavy snow accumulations, associated with a strengthening coastal storm. The snow began around 2300E on Friday the 10th in the southern mountains around Beckley, reaching north into the Elkins vicinity around 0500E on the 11th. The snow continued through Saturday, the 11th, but was slow to accumulate along the river valleys. The snow diminished into snow showers during the daylight hours of Sunday, the 12th. Widespread heavy snow criteria was reached early on the 12th.

Snow accumulations of 5 to 8 inches were common. Yet, due to the warm ground, the deeper valleys around Pineville and Welch had 3 to 5 inches of accumulation. In contrast, accumulations of 10 to 14 inches were measured in the higher elevations of Wyoming County on northeast, through parts of the Beckley vicinity, then into the high terrain of Nicholas, Webster, Randolph, and Pocahontas Counties.

WISCONSIN, Northeast

WIZ013-020>022-030>031-035>040-045-048>050-073>074 **Northern Marinette - Menominee - Northern Oconto - Door - Marathon - Shawano - Wood - Portage - Waupaca - Outagamie - Brown - Kewaunee - Waushara - Winnebago - Calumet - Manitowoc - Southern Marinette - Southern Oconto**
 16 **0000CST** **0** **0** **Winter Storm**
 2200CST

WIZ022-038>040-048>050 **Door - Outagamie - Brown - Kewaunee - Winnebago - Calumet - Manitowoc**
 16 **1000CST** **0** **0** **Blizzard**
 1800CST

A major winter storm intensified across the Midwest Thursday morning and moved northeast across northeast Illinois into southern Lower Michigan by Thursday evening. Heavy snow began to fall across central, east central and northeast Wisconsin Thursday morning. East central Wisconsin experienced blizzard conditions as sustained winds of 25 to 35 mph, with gusts to 45 mph, caused blowing snow that resulted in near white-out conditions. Snow accumulations were very difficult to measure due to the high winds, but they were mainly in the 8 inch to 12 inch range in a corridor from eastern Waushara county to central Door county. A storm total of 10.6 inches was recorded at Green Bay (Brown co.).

WIZ005-010>013-018>022-030>031-035>040-045-048>050-073>074 **Vilas - Oneida - Forest - Florence - Northern Marinette - Lincoln - Langlade - Menominee - Northern Oconto - Door - Marathon - Shawano - Wood - Portage - Waupaca - Outagamie - Brown - Kewaunee - Waushara - Winnebago - Calumet - Manitowoc - Southern Marinette - Southern Oconto**
 17 **1800CST** **0** **0** **Extreme Cold/Wind Chill**
 18 **1200CST**

A bitter cold airmass settled over the Western Great Lakes region on the 17th and 18th. On the morning of the 18th, temperatures dropped into the 15 below to 20 below zero range across east central Wisconsin, 18 below to 24 below zero across central

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

WISCONSIN, Northeast

Wisconsin, and 22 below to 27 below zero across northern Wisconsin. The cold temperatures combined with west winds of 5 to 15 mph to produce extremely cold wind chill readings. The coldest wind chills included -49 at Rhinelander (Oneida Co.), -45 at Antigo (Langlade Co.) and Mosinee (Marathon Co.), -42 at Marshfield (Wood Co.), -41 at Green Bay (Brown Co.) and Appleton (Outagamie Co.), and -40 at Eagle River and Land O' Lakes (Vilas Co.).

WISCONSIN, Northwest

WIZ004	Iron								
	03	1400CST			0	0			Lake-Effect Snow
	05	1045CST							

Lake effect snow began midday Friday (2/3) along the south shore of Lake Superior and continued into Sunday Morning (2/5). Most of the snow accumulated late Saturday afternoon and evening. Gile reported 12 inches, Montreal received 8 inches, while both Upson and Gurney reported 7 inches.

WIZ002	Bayfield								
	16	1200CST			0	0			Lake-Effect Snow
	17	1000CST							

Lake effect snow began at noon in Bayfield County and ended early the next morning. Oulu received 8.5 inches while 5 miles south of Herbster had 8 inches.

WIZ001>004-006>009	Douglas - Bayfield - Ashland - Iron - Burnett - Washburn - Sawyer - Price								
	17	1800CST			0	0			Extreme Cold/Wind Chill
	18	1200CST							

Overnight temperatures from -15 to -25 along with winds around 15 to 20 mph created wind chills of -40 to -55 across Northwest Wisconsin. The coldest report came from a trained spotter in Price County near the city of Phillips with an overnight low of -24 and the lowest wind chill of -56.

WIZ004	Iron								
	23	0200CST			0	0			Lake-Effect Snow
		1100CST							

Heavy lake effect snow left 7 inches at Montreal.

WIZ001>004	Douglas - Bayfield - Ashland - Iron								
	24	1100CST			0	0			Heavy Snow
	25	1145CST							

A fast and hard-hitting snow storm moved into far Northwest Wisconsin by late morning. The storm laid down 6 to 12 inches of snow in a 30 mile-wide area from Superior to Hurley. Over 12 inches fell just inland from Lake Superior in Iron County. Snowfall rates of 2 inches per hour were common in this area. The snow lingered into late morning on Saturday in Ashland and Iron Counties.

WISCONSIN, Southeast

WIZ046>047-051>052-056>060-062>069	Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Dodge - Washington - Ozaukee - Iowa - Dane - Jefferson - Waukesha - Milwaukee - Lafayette - Green - Rock								
	16	0900CST			0	0			Winter Storm
		1800CST							

The only widespread winter storm to affect south-central and southeast Wisconsin, during the 2005-06 winter months of Dec-Jan-Feb, deposited heavy snowfalls of 6 to 14 inches and generated northeast to north winds of 15 to 20 knots with gusts to 35 to 39 knots (40 to 45 mph). The accumulating snow fell in two rounds - during the evening hours of February 15th and in the morning and afternoon hours of February 16th. Convective bands on the 16th (with thunder) were responsible for a narrow band of heavy snow (accumulations around 12 inches) from Argyle (Lafayette Co.) northeast through the Cottage Grove area of eastern Dane County to the city of Sheboygan (Sheboygan Co.). Hundreds of vehicle accidents were reported via news channels, many schools were closed, and many airplane flights were delayed or cancelled. Some specific snowfall totals include 14 inches in Sheboygan and Saukville (Ozaukee Co.), 13.5 inches in Cottage Grove, 13.0 inches in West Bend (Washington Co.), Middleton (Dane Co.), and Arygle, an estimated 12 to 13 inches in northwestern Green Co., 11.4 inches in Lake Mills (Jefferson Co.), 11.3 inches just northeast of Ripon (Fond du Lac Co.), an estimated 10 to 11 inches in northeastern Green Lake County, 10.7 inches in Reedsburg (Sauk Co.), 10.0 inches in Evansville (Rock Co.), an estimated 9 inches in northeastern Marquette County, 8.9 inches in Lodi (Columbia Co.), an estimated 8 inches in far northwestern Milwaukee County, 7.8 inches in Oconomowoc (Waukesha Co.), and 7 to 8 inches in southern Iowa County. Convective clouds on the 16th deposited 1 to 2 inches of sleet (mixed with some new snow) in a narrow band from Clinton (Rock Co.) northeast to the Palmyra area (Jefferson Co.) to New Berlin (Waukesha Co.) to Shorewood (Milwaukee Co.). This was on top of about 3 inches of snow that fell in the first round of snow that occurred during the evening hours of the 15th. A total of only 0.5 to 3 inches of snow fell along and southeast of a line from Delavan in Walworth County to downtown Milwaukee (Milwaukee Co.), where rain mixed in with the snow. During the height of the storm on the 16th, visibilities were briefly reduced to 1/4 mile where thundersnow was reported. Hourly snowfall rates with some of the thundersnow reached 2 to 4 inches per hour locally. The responsible low pressure moved northeast through extreme northern Indiana.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

WISCONSIN, Southeast

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		0	0			
	17	1800CST			0	0	Cold/Wind Chill		
	18	1200CST							

Very cold wind chill values affected all of south-central and southeast Wisconsin during the evening hours of February 17th through the morning hours of February 18th, in the wake of the winter storm on February 15-16th. After daytime maximum readings mostly in the teens over south-central Wisconsin to the mid 20s over the southeast corner on the 17th, temperatures dropped overnight. Lowest readings during the early morning hours on the 18th ranged from -22F about 7 miles northwest of Poynette (Columbia Co.) to -10F at Racine (Racine Co.). Brisk west to northwest winds gusted to 15 to 20 knots (17 to 23 mph). Wind chills dropped to -20 to -34, however for only about 1 hour, they dropped to -35 to -38 in scattered spots (-38 at Sheboygan in Sheboygan County). Several outdoor activities and other social functions were cancelled.

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		0	0			
	18	1800CST			0	0	Cold/Wind Chill		
	19	0900CST							

This period of low wind chill values was the second of two rounds of low wind chill values on the heels of a widespread, winter storm which dumped 6 to 14 inches of snow across most of south-central and southeast Wisconsin on February 15-16, 2006. Wind chills dropped to -20 to -30 during the overnight hours, thanks to temperatures that dropped into the single digits below zero and west to northwest winds of 10 to 15 knots (11 to 17 mph). Maximum daytime temperatures on the 18th ranged from -1F at both Jackson and the NWS Forecast Office near Sullivan (Jefferson Co.) to 10 above at Portage (Columbia Co.), which proved to be the coldest day of the 2005-06 winter season. Overnight lows into the early morning hours of the 19th ranged from -22 F at Argyle (Lafayette Co.) to -9 at Milwaukee's Mitchell Field (Milwaukee Co.). A number of evening activities were cancelled due to the low wind chill values.

WISCONSIN, Southwest

WIZ029-032>034- 041>044-053>055-061			Clark - Buffalo - Trempealeau - Jackson - La Crosse - Monroe - Juneau - Adams - Vernon - Crawford - Richland - Grant		0	0			
	15	1900CST			0	0	Winter Storm		
	16	2200CST							

Southwest Wisconsin was hit by a winter storm, which produced total snow accumulations of 5 to 9 inches. Some of the higher amounts as reported by volunteer weather observers included 9.0 inches at West Salem (La Crosse County) and Black River Falls (Jackson County), 8.9 inches at Warrens (Monroe County), 8.7 inches at the La Crosse Municipal Airport (La Crosse County) and 8.5 inches near Necedah (Juneau County). The storm was accompanied by strong northwest winds, which caused considerable blowing and drifting snow, along with wind chills of 20 below to 30 below.

WISCONSIN, West

WIZ026-028			Pepin - Eau Claire		0	0			
	16	0700CST			0	0	Winter Storm		
		2200CST							

A surface low pressure system moved out of the Four Corners area on the 14th, reached South Central Nebraska during the afternoon of the 15th. By the late afternoon on the 16th, the storm center had moved east into Central Illinois. A narrow band of heavy snow fell from just southeast of a line from...Maiden Rock to Eau Claire. Some snow totals of note during this event were Eau Claire (3 inches), and Durand (2.5 inches). Winds in the 15 to 20 mph range also produced some blowing and drifting snow.

WYOMING, Central and West

WYZ008>011- 014>020-022-024>030			Bighorn Mountains West - Bighorn Mountains Southeast - Northeast Johnson County - Southeast Johnson County - Wind River Mountains West - Wind River Mountains East - Upper Wind River Basin - Wind River Basin - Lander Foothills - Green Mountains & Rattlesnake Range - Natrona County Lower Elevations - Casper Mountain - Salt River & Wyoming Ranges - Upper Green River Basin Foothills - Upper Green River Basin - South Lincoln County - Rock Springs & Green River - Flaming Gorge - East Sweetwater County		0	1			
	15	0000MST			0	1	Winter Storm		
	16	0000MST							

A major late-winter storm inundated western and central Wyoming with 12 to 20 inches of mountain snowfall and 8 to 14 inches in most basin locations. Snow began to accumulate during the early morning hours of February 15th and wound down early on the 16th. Schools in Natrona County were closed on the 16th due to unsafe roadways. The decision to cancel classes due to weather is rare in Casper, where the last closure came during a spring storm in March 2003. There were dozens of reports of accidents in the Casper area. However only one injury was reported, when a firefighter was hit by a sliding car while responding to another accident.

Storm Data and Unusual Weather Phenomena

February 2006

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

WYOMING, Extreme Southwest

NONE REPORTED.

WYOMING, North Central

WYZ098	Northeast Bighorn Mountains								
	09 1036MST				0	0			Heavy Snow
	6 inches in Burgess Junction								

WYOMING, Northeast

WYZ057	Wyoming Black Hills								
	10 0000MST				0	0	0	0	Winter Storm
	2100MST								

A strong low pressure system tracked across the Northern Plains, bringing snow and gusty winds to much of northeast Wyoming. The heaviest snow fell across the Wyoming Black Hills, where upslope-enhanced snow developed. Snowfall amounts of 5 to 10 inches were common across the area with localized amounts to 18 inches near Four Corners. Gusty winds caused blowing and drifting snow, reducing visibilities to less than a quarter of a mile at times.

WYZ055-057>058	South Campbell - Wyoming Black Hills - Weston								
	15 0800MST				0	0	0	0	Winter Storm
	16 0900MST								

A storm system moved across the Central Plains, bringing snow to part of northeast Wyoming. Snow started during the morning hours of the 15th and continued into the morning hours of the 16th. The heaviest snow fell across the Wyoming Black Hills and southern Campbell and Weston Counties, where totals of 4 to 8 inches were common.

WYOMING, Southeast

WYZ066>067-069	Laramie Range - Platte - Cheyenne Foothills								
	14 1300MST				0	0			Heavy Snow
	16 1100MST								

Heavy snow fell over much of southeast Wyoming with amounts from 6 to 10 inches common. Local snowfall amounts from 12 to 16 inches were reported in Wheatland and Chugwater, WY.

WYZ062	North Carbon								
	15 0930MST				0	0			Heavy Snow
	16 1100MST								

Heavy snow fell over parts of northern Carbon County, WY, with Shirley Basin reporting around 8 inches of snowfall. Local amounts as high as 16 inches were reported about 35 miles northeast of Rawlins, WY.

Storm Data and Unusual Weather Phenomena

March 2005

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

Additions/Corrections

COLORADO, Central and Northeast

COZ034	S & Se Grand / W Central & Sw Boulder / Gilpin / Clear Creek / Summit / N & W Park Counties Above 9000 Feet								
	24	1220MST			1	1			Avalanche

Two climbers were caught in an avalanche on the south side of Quandary Peak. One man survived with only minor injuries while his friend was buried and killed. Quandry Peak is located at the south end of the Tenmile Range, the summit is about 6.5 miles SSW of Breckenridge.

M?OU

COZ034	S & Se Grand / W Central & Sw Boulder / Gilpin / Clear Creek / Summit / N & W Park Counties Above 9000 Feet								
	27	1300MST			0	2			Avalanche

Three backcountry skiers were caught in an avalanche, 1 was partially buried, 2 were completely buried and injured. The more seriously injured skier suffered a fractured pelvis and a large leg laceration.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

Additions/Corrections

COLORADO, Central and Northeast

COZ034	S & Se Grand / W Central & Sw Boulder / Gilpin / Clear Creek / Summit / N & W Park Counties Above 9000 Feet								
	18	1300MST			0	1			Avalanche

A backcountry snowboarder triggered a small slab avalanche on the north side of Buffalo Mountain. He received leg and facial injuries.

COZ034	S & Se Grand / W Central & Sw Boulder / Gilpin / Clear Creek / Summit / N & W Park Counties Above 9000 Feet								
	20	1030MST			1	0			Avalanche

A 53-year-old skier from Boulder was buried and killed in a medium-sized wet slab avalanche at Arapahoe Basin. The avalanche occurred in an area known as the First Alley, immediately below the roll on the west side of the Pallavicini Run.
M53OU

Storm Data and Unusual Weather Phenomena

November 2005

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

Additions/Corrections

COLORADO, Central and Northeast

COZ033

S & E Jackson / Larimer / N & Ne Grand / Nw Boulder Counties Above 9000 Feet

06 1030MST

1 0

Avalanche

A backcountry snowboarder and his dog were buried and killed in a hard slab avalanche on the north side of Mines Peak, just northeast of the summit of Berthoud Pass.

M32OU

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
----------	------	----------------------------	---------------------------	--------------------------	----------------------	--------	---------	---------------------	----------	-------	--------------------

Additions/Corrections

COLORADO, Central and Northeast

COZ034

S & Se Grand / W Central & Sw Boulder / Gilpin / Clear Creek / Summit / N & W Park Counties Above 9000

Feet

22	1230MST										
		1	0	0							Avalanche

Two teenage hikers were caught in a hard slab avalanche on the east side of Kelso Mountain, about 3 miles south of Bakerville and about 1 mile east of the summit of Torreys Peak. One young man -- an 18-year-old from Colorado Springs -- was buried and killed.

M18OU

MICHIGAN, East

MIZ055

Sanilac

12	1100EST										
	1600EST	0	0								Lake-Effect Snow

Intense Lake effect snow showers dumped up to a foot of snow along the Lake Huron shoreline in Sanilac County. The snow showers began early on the 12th and persisted on and off through the day. At 1100 EST, Law enforcement reported 6 to 8 inches of snow in three hours with near zero visibilities near the town of Forestville.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

Additions/Corrections

ALASKA, Northern

AKZ202

Northern Arctic Coast

24	0500AST 1100AST				0	0			Coastal Flood
----	--------------------	--	--	--	---	---	--	--	----------------------

In the early morning of Jan 24, an Ivu, or push of ice came on shore to Barrow. An ivu is the Iñupiaq Eskimo word for the collision of a massive ice floe against the shore-fast ice. They are caused by ocean currents and winds blowing multi-year ice onto the shore, creating piles up to 40 feet high. On January 22, the NWS Weather Service Office in Barrow, AK, confirmed that first-year sea ice had pushed onshore with an average berm height of 6 to 8 feet. By January 24, the massive ice flow had continued to push onshore increasing to 25 feet and blocking roads within the North Slope community. Front-end loaders were used to clear roads and in particular the road from the city of Barrow to the Naval Arctic Research Laboratory. The ice in the flow was first- or second-year ice around 3 feet thick. The ivu was the first since 1978.

CARIBBEAN SEA AND TROPICAL ATLANTIC

**Atl Waters Swd Fm
19.5 Btwn 68W And
64W To Nw Cst Pr**

Mouth Rio Guajataca	27	1635AST 1650AST			0	0			Waterspout
---------------------	----	--------------------	--	--	---	---	--	--	-------------------

A waterspout was reported off the north coast of Puerto Rico between Hatillo and Camuy. It was moving slowly south.

COLORADO, Central and Northeast

COZ033

S & E Jackson / Larimer / N & Ne Grand / Nw Boulder Counties Above 9000 Feet

01	1100MST				2	0	0		Avalanche
----	---------	--	--	--	---	---	---	--	------------------

Two snowmobilers from Iowa were buried and killed in an avalanche in the Trap Park area of the Front Range, about 3.5 miles east-northeast of Cameron Pass. There were 12 snowmobilers in the party. Seven were caught, five partly buried and two fully buried; both buried riders were killed. The data was provided by the Colorado Avalanche Information Center.

M25OU, M32OU

FLORIDA, West Central

FLZ039

Levy

06	0300EST 0700EST				0	0			Extreme Cold/Wind Chill
----	--------------------	--	--	--	---	---	--	--	--------------------------------

Arctic air overspread the Nature Coast and caused the coldest air of the season. The temperature six miles southeast of Chiefland dropped to 30 degrees and Bronson dropped to 31 degrees. Temperatures dropped briefly into the low to mid 30s across the inland areas of Citrus, Hernando, Sumter, and Pasco counties.

FLZ052

Polk

15	0200EST 0900EST				0	0			Extreme Cold/Wind Chill
----	--------------------	--	--	--	---	---	--	--	--------------------------------

Canadian high pressure settled over Florida bringing unseasonably cold weather to the state. Winter Haven dropped to 32 degrees with wind chills dropping into the mid 20s. The rest of west central and southwest Florida recorded wind chills in the lower 30s but the duration was less than 3 hours.

GEORGIA, Northeast

GAZ010-017

Rabun - Habersham

14	0800EST				0	1	10K		High Wind (G60)
15	0200EST								

Strong winds developed behind a cold front across the mountains of Georgia during the late morning, and continued through the remainder of the day. There was widespread damage to trees and power lines, with quite a few power outages. A 37-year-old man was injured in Clayton, GA when a tree snapped off and fell on him. At least 1 vehicle was crushed by a fallen tree in Clayton.

NORTH CAROLINA, Northwest and North Central

**NCZ001>003-005-
018>019**

Ashe - Alleghany - Surry - Rockingham - Watauga - Wilkes

14	0800EST 1500EST				0	0			High Wind (G51)
----	--------------------	--	--	--	---	---	--	--	------------------------

A cold front passed across North Carolina in the early morning hours of the 14th. After sunrise, winds increased and very strong

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

Additions/Corrections

TEXAS, North

TXZ091-116-129

Montague - Palo Pinto - Eastland

01	1500CST				0	6	10.8M		Wildfire
02	1200CST								

Several devastating wild fires erupted across north Texas due to low humidities, strong winds, and the ongoing drought. In Montague County, a 17-mile long fire burned between Ringgold and Nocona, destroying forty homes. Two firefighters and two civilians were injured. A grass fire which began in Palo Pinto County near the Mineral Wells Airport burned 13 structures, including 5 homes. The fire grew to cover 1,800 acres. One firefighter suffered second-degree burns and another smoke inhalation. A grass fire burned more than 35,000 acres in the southeastern part of Eastland county and forced evacuations of the nearby towns of Carbon, Gorman, and Desdemona. The community of Kokomo essentially burned to the ground. Thirty-six buildings, including homes, were destroyed. Numerous livestock were lost in the fire. The fire was 35 miles long.

UTAH, West and Central

Cache County

Petersboro Siding

01	2200MST				0	0			Flash Flood
02	1000MST								

Newspaper reports of flooding in homes in Petersboro, UT in Cache Valley. Number of homes not given.

UTZ006

Wasatch Mountain Valleys/Huntsville/Park City/Heber

01	2200MST				0	0			Heavy Snow
03	1000MST								

9" at Kamas and PArk City, including 3" in 1 hr 1/3 am.

UTZ007>008-017

Wasatch Mountains I80 North - Wasatch Mountains South Of I80 - Central And Southwest Mountains

01	2200MST				1	0			Winter Storm
03	1000MST								

Otter Creek RAWs. 36" storm total on Ben Lomond Peak M500T

UTZ003-005

Salt Lake And Toole Valleys - Great Salt Lake Desert And Mountains/Wendover/Snowville

02	1700MST				0	0			High Wind (G62)
	1930MST								

Olympus Cove weather station

A STRONG WINTER STORM SYSTEM BROUGHT HIGH WINDS AND HEAVY SNOW TO THE MOUNTAINS. ONE PERSON DIED WHEN THEIR SMALL PRIVATE PLANE CRASHED INTO THE SIDE OF A MOUNTAIN NEAR JORDANELLE DAM IN HEAVY SNOW. RAIN AND SNOW MELT RESULTED IN FLOODING IN THE CACHE VALLEY AT PETERSBORO. STANDING WATER CLOSED MAIN STREET AND WATER FILLED SEVERAL HOMES BASEMENTS. STRONG WIND GUSTS BLEW OVER SIGNS AND RIPPED OFF SHINGLES IN CEDAR CITY.

PEAK WIND GUSTS WERE (MPH)..

OTTER CREEK RAWs (RICH CO)	90	WASATCH RIDGELINE	79
SIGNAL PEAK (SEVIER CO)	74	LOST CREEK (SEVIER CO)	64
OLYMPUS COVE	62	TOOELE	60
DUGWAY	59		

SNOWFALL AMOUNTS WERE (INCHES)..

BEN LOMOND PEAK	32	SNOWBIRD	27	ALTA UDOT	24
SOLITUDE	22	TIMP DIVIDE	22	TONY GROVE LAKE	20
ALTA LIFTS	20	BRIGHTON	19	MONTE CRISTO	18
PARK CITY RIDGE	17	FARMINGTON CYN	15	HIGH UINTAS	14
DANIELS PASS	14	TRIAL LAKE	13	KOLOB-ZION NP	12
CEDAR BREAKS	12	THE CANYONS	12	CHALK CREEK	11
SPRUCES	11	WASATCH PLATEAU	10	JORDANELLE RES	9
KAMAS	9	PARK CITY	8	BRIAN HEAD	8
KIMBALL JUNCTION	4	HEBER CITY	4		

UTZ007>008

Wasatch Mountains I80 North - Wasatch Mountains South Of I80

07	1200MST				0	0			Heavy Snow
08	2300MST								

16" storm total at Tony Grove Lake

JAN 7TH-8TH.. A COUPLE OF FAST MOVING STORMS AFFECTED NORTHERN

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

Additions/Corrections

UTAH, West and Central

UTAH. SNOW DUSTED THE WASATCH FRONT ON THE 8TH AND RESULTED IN ICY ROADWAYS. DOZENS OF SLIDE OFF ACCIDENTS WERE REPORTED.

SNOWFALL AMOUNTS WERE (INCHES)..

TONY GROVE LAKE	16	BRIGHTON	15	ALTA UDOT	13
SNOWBIRD	12	MONTE CRISTO	11	SNOWBASIN	10
SPRUCES	10	FARMINGTON CYN	9	SOLITUDE	9
SNOWBIRD	7	THE CANYONS	7	BEN LOMOND PEAK	6
CHALK CREEK	6	DANIELS PASS	5	TRIAL LAKE	5
TIMP DIVIDE	3	UPPER MILLCREEK	2	SUNDANCE	2

UTZ006>008

Wasatch Mountain Valleys/Huntsville/Park City/Heber - Wasatch Mountains I80 North - Wasatch Mountains South Of I80

11 0900MST 0 0 Heavy Snow
2100MST

9" snowfall in 12hrs in Liberty

UTZ002>003-005-007>009-017

Northern Wasatch Front/Brigham City/Ogden Bountiful - Salt Lake And Toole Valleys - Great Salt Lake Desert And Mountains/Wendover/Snowville - Wasatch Mountains I80 North - Wasatch Mountains South Of I80 - Western Unita Mountains - Central And Southwest Mountains

15 0600MST 0 0 Heavy Snow
16 1000MST

6" along the Bountiful bench

A winter storm brought heavy snow to much of the state, with significant snow in the populated valleys.

SNOWFALL TOTALS WERE (INCHES)..

ALTA UDOT	20	ALTA LIFTS	18	SNOWBIRD	18
FARMINGTON CYN	15	SOLITUDE	15	OQUIRRH MTS	14
WASATCH PLATEAU	14	BEN LOMOND PEAK	13	SPRUCES	13
BRIAN HEAD	13	THE CANYONS	12	BRIGHTON	12
KOLOB-ZION NP	12	PARK CITY RIDGE	10	CHALK CREEK	10
TONY GROVE LAKE	9	TUSHAR MTS	9	STRAWBERRY RES	8
TRIAL LAKE	8	FARNSWORTH LAKE	8	PINE VALLEY MTS	8
CEDAR BREAKS	8	SNOWBASIN	7	MONTE CRISTO	7
NORTH SLC BENCH	7	BOUNTIFUL BENCH	6	UPPER MILLCREEK	6
COTTONWOOD HTS	6	EDEN	6	TIMP DIVIDE	6
UPPER SLC AVENUES	5	SUNCREST-DRAPER	5	PAYSON	5
TAYLORSVILLE	5	SANDY	5	COVE FORT	5
PINTO JUNCTION	5	NEW HARMONY	4	COTTONWOOD	3
WEST JORDAN	3	WEST VALLEY CITY	3	SANTAQUIN	3
LAYTON BENCH	3	ALPINE	3	SOUTH OGDEN	3
SUNDANCE	3	PLEASANT GROVE	2	WEST HAVEN	2
EAST LAYTON	2	SLC AIRPORT	2	OGDEN NE BENCH	2
SPANISH FORK	2	LOGAN AIRPORT	2	TOOELE	2
SOUTH JORDAN	2	CEDAR CITY	2	KAMAS	2
COALVILLE	2	MORGAN	2	RANDOLPH	2

UTZ002>004-006>008-014>015

Northern Wasatch Front/Brigham City/Ogden Bountiful - Salt Lake And Toole Valleys - Southern Wasatch Front/Lehi/Provo/Nephi - Wasatch Mountain Valleys/Huntsville/Park City/Heber - Wasatch Mountains I80 North - Wasatch Mountains South Of I80 - Sanpete/Sevier Valleys - West Central Utah/Delta

17 1800MST 0 0 Heavy Snow
19 2000MST

6" in Layton

A series of storms brought a 3-day snow event to Utah.

SNOWFALL TOTALS WERE (INCHES)..

TONY GROVE LAKE	29	BRIGHTON	29	FILLMORE 8 E	23
SOLITUDE	22	ALTA UDOT	22	ALTA LIFTS	22
STANSBURY MTS	22	SNOWBIRD	20	ELK RIDGE	19
OQUIRRH MTS	19	TOOELE	18	PAYSON R.S.	17

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

Additions/Corrections

UTAH, West and Central

WASATCH PLATEAU	17	BRIAN HEAD	17	PAYSON	14			
SPRUCES	14	SUNCREST-DRAPER	14	FARNSWORTH LAKE	14			
ALPINE	13	FARMINGTON CYN	13	THE CANYONS	13			
TRIAL LAKE	13	EAGLE MOUNTAIN	12	SPANISH FORK	12			
MONTE CRISTO	12	TIMP DIVIDE	12	SANDY	11			
CEDAR HILLS	11	GRANTSVILLE	11	CHALK CREEK	11			
DUGWAY	10	SPRINGVILLE	10	EDEN	10			
KANOSH	11	COVE FORT	10	PLEASANT GROVE	9			
ROOSEVELT	9	LAKESIDE	9	CEDAR BREAKS	9			
WEST JORDAN BENCH	7	HERRIMAN	7	MANTI	7			
STERLING	7	FILLMORE	7	PROVO BYU	6			
LAYTON BENCH	6	BOUNTIFUL	6	LAKETOWN	6			
PARK CITY	6	DELTA	6	BEN LOMOND PEAK	6			
NORTH SLC BENCH	5	UPPER MILLCREEK	5	OREM	5			
NEPHI	5	COTTONWOOD HTS	5	OGDEN NE BENCH	4			
SOUTH OGDEN	4	MANTUA	4	HYDE PARK	4			
EAST LAYTON	4	WEST JORDAN	4	TAYLORSVILLE	4			
UPPER SLC AVENUES	4	HEBER CITY	4	DUCHESNE	4			
ALTAMONT	4	WEST HAVEN	3	LAYTON	3			
ROY	3	FARMINGTON	3	SLC AIRPORT	3			
SOUTH JORDAN	3	KAMAS	3	RANDOLPH	3			
CEDAR CITY	3	BRIGHAM CITY	2					

UTZ017-017

Central And Southwest Mountains

25 1900MST 0 0 Heavy Snow

26 1900MST

15" in 18 hrs at Midway Valley

UTZ004-006>007

Southern Wasatch Front/Lehi/Provo/Nephi - Wasatch Mountain Valleys/Huntsville/Park City/Heber - Wasatch Mountains I80 North

28 1000MST 0 0 Heavy Snow

29 0800MST

6" in 12h at Alpine

UTZ007

Wasatch Mountains I80 North

31 1200MST 0 0 Heavy Snow

2350MST

12" in 12h at Ben Lomond

VIRGIN ISLANDS

VIZ002

St. Croix

18 0000AST 0 0 1K Strong Wind

23 2359AST

Breezy to windy conditions affected the U.S. Virgin Islands during this period. Some residents of St. Croix reported tarpaulins, tents and lawn furniture being blown over. A few trees were toppled across the island and isolated power interruptions occurred. Strong high pressure center in the western Atlantic was responsible for the blistery conditions. An NWS spotter at Maria Hill along St. Croix East End reported a wind gust of 49 mph on Saturday January 21.

VIRGINIA, East

Brunswick County

Cochran

14 0100EST 0 0 2K Thunderstorm Wind (G50)

Trees down on Route 1.

Dinwiddie County

Carson

14 0142EST 0 0 Hail (0.88)

Nickel size hail fell. Wind gusts were estimated at 50 mph.

New Kent County

New Kent

14 0155EST 0 0 2K Thunderstorm Wind (G50)

Trees down on Old Church Road.

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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

Additions/Corrections

VIRGINIA, East

Sussex County

Jarratt 14 0159EST 0 0 2K **Thunderstorm Wind (G50)**

Trees down along Route 619.

King William County

West Pt 14 0205EST 0 0 10K **Thunderstorm Wind (G50)**

Large tree down on car on Route 30.

Prince George County

Prince George 14 0209EST 0 0 2K **Thunderstorm Wind (G50)**

Trees down at Route 10 and Ruffin Road and on Lone Oak Road at Route 614.

King And Queen County

5 SE Millers Tavern 14 0215EST 0.3 50 0 0 15K **Tornado (F0)**

0216EST

F0 tornado demolished 2 sheds at residence. Some minor roof damage also occurred. Numerous trees blown down or snapped off.

Richmond County

Tidewater 14 0230EST 0 0 5K **Thunderstorm Wind (G60)**

Damage to two outbuildings. Several trees blown down. Small hail also reported.

Suffolk (C)

Elephant Fork 14 0324EST 0 0 25K **Thunderstorm Wind (G50)**

Large pine tree snapped and fell on two homes on Kristen Lane. One received major structural damage.

Newport News (C)

2 SW (Phf)Newport Nev 14 0330EST 0 0 2K **Thunderstorm Wind (G50)**

Trees down along Colony Road.

Portsmouth (C)

Portsmouth 14 0340EST 0 0 2K **Thunderstorm Wind (G50)**

Large tree down at 200 block of Mayflower Avenue.

Norfolk (C)

Norfolk 14 0342EST 0 0 2K **Thunderstorm Wind (G50)**

Large tree blown down near downtown.

Virginia Beach (C)

2 E Sigma 14 0345EST 0 0 1K **Thunderstorm Wind (G50)**

Vinyl carport flipped at Sandbridge Beach.

VIRGINIA, Southwest

**VAZ007-009>020-
022>024-032>035-
043>045**

Tazewell - Smyth - Bland - Giles - Wythe - Pulaski - Montgomery - Grayson - Carroll - Floyd - Craig - Alleghany - Bath - Roanoke - Botetourt - Rockbridge - Patrick - Franklin - Bedford - Amherst - Henry - Pittsylvania - Campbell

14 0800EST 0 0 **High Wind (G53)**
1500EST

A cold front passed across Virginia in the early morning hours of the 14th. After sunrise, winds increased and very strong gusts during the day resulted in numerous reports of trees down, many power lines down, power outages, signs blown down or bent, and some structural damage from trees falling on buildings, and shingles being blown off roofs.

Reference Notes:

Storm Data Disclosure

Storm Data is an official publication of the National Oceanic and Atmospheric Administration (NOAA) which documents the occurrence of storms and other significant weather phenomena having sufficient intensity to cause loss of life, injuries, significant property damage, and/or disruption to commerce. In addition, it is a partial record of other significant meteorological events, such as record maximum or minimum temperatures or precipitation that occurs in connection with another event.

Some of the information appearing in Storm Data may have been provided by or gathered from sources outside the National Weather Service (NWS), such as the media, law enforcement and/or other government agencies, private companies, individuals, etc. An effort is made to use the best available information, but because of time and resource constraints, information from these sources may be unverified by the NWS. Therefore, when using information from Storm Data, customers should be cautious as the NWS does not guarantee the accuracy or validity of the information. Further, when it is apparent information appearing in Storm Data originated from a source outside the National Weather Service (frequently credit is provided), Storm Data customers requiring additional information should contact that source directly. In most cases, NWS employees will not have the knowledge to respond to such requests. In cases of legal proceedings, under Department of Commerce regulations and/or rules of the court, NWS employees are not legally obligated to provide written or verbal testimony.

Fatality Codes: For events that include a fatality, there is a code containing the gender, age and fatality location at the end of the event narrative.

1st letter: Gender (M/F) – 2nd numbers: Age – 3rd letters Fatality location (see table below)

Example: M51IW – Male, 51 years of age, fatality occurred In Water.

Fatality Location Abbreviations:

BF	Ball Field	MH	Mobile Home
BO	Boating	OT	Other
BU	Business	OU	Outside/Open Areas
CA	Camping	PH	Permanent Home
EQ	Heavy Equipment/Construction	SC	School
GF	Golfing	TE	Telephone
IW	In Water	UT	Under Tree
LS	Long Span Roof	VE	Vehicle

List of Acronyms:

NWS	- National Weather Service
NOAA	- National Oceanic and Atmospheric Administration
WCM	- Warning Coordination Meteorologist – The meteorologist at each NWS Office responsible for reporting severe weather events
LST	- Local Standard Time Storm Data attempts to always use “Standard Time”
EST	- Eastern Standard Time
EDT	- Eastern Daylight Time

CST - Central Standard Time
CDT - Central Daylight Time
PST - Pacific Standard Time
PDT - Pacific Daylight Time

Other Notes:

An “Episode” is an entire storm system and can contain many different types of events.

An “Event” is an individual type of storm event.

When listing wind speed values under “Character of Storm”, ex. High Wind (G81), the G indicates a “Gust” which is a peak 5-second averaged wind speed in Knots (kts). 1 kt. = 1.152 mph. This number can be either E (estimated) by damage caused, or M (measured) by known calibrated anemometers. Ex. (M61) = measured 61 knots or E(75) = estimated at 75 knots.

All wind speeds listed are estimated by NWS personnel by the amount and type of damage unless otherwise noted with an “M” which represents an actual wind speed as measured by official NWS approved anemometer.

When listing hail size under “Character of Storm”, ex. Hail (2.25), the hail size is given in inches and hundredths of inches.

When listing property and crop damage, the figures indicated are the best guess made by the NWS from the available sources of information at the time of the printing.

The fatalities, injuries, and damage amounts appearing in tropical cyclone events are attributed only to wind damage experienced in the coastal counties/parishes listed. Other tropical cyclone related events such as tornadoes and flooding are listed within their separate event types.

The Saffir-Simpson Scale

Category One Hurricane:

Winds 74-95 mph (64-82 kt or 119-153 kph). Storm surge generally 4-5 ft above normal. No real damage to building structures. Damage primarily to unanchored mobile homes, shrubbery, and trees. Some damage to poorly constructed signs. Also, some coastal road flooding and minor pier damage.

Category Two Hurricane:

Winds 96-110 mph (83-95 kt or 154-177 kph). Storm surge generally 6-8 feet above normal. Some roofing material, door, and window damage of buildings. Considerable damage to shrubbery and trees with some trees blown down. Considerable damage to mobile homes, poorly constructed signs, and piers. Coastal and low-lying escape routes flood 2-4 hours before arrival of the hurricane center. Small craft in unprotected anchorages break moorings.

Category Three Hurricane:

Winds 111-130 mph (96-113 kt or 178-209 kph). Storm surge generally 9-12 ft above normal. Some structural damage to small residences and utility buildings with a minor amount of curtainwall failures. Damage to shrubbery and trees with foliage blown off trees and large trees blown down. Mobile homes and poorly constructed signs are destroyed. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the hurricane center. Flooding near the coast destroys smaller structures with larger structures damaged by battering of floating debris. Terrain continuously lower than 5 ft above mean sea level may be flooded inland 8 miles (13 km) or more. Evacuation of low-lying residences with several blocks of the shoreline may be required.

Category Four Hurricane:

Winds 131-155 mph (114-135 kt or 210-249 kph). Storm surge generally 13-18 ft above normal. More extensive curtainwall failures with some complete roof structure failures on small residences. Shrubs, trees, and all signs are blown down. Complete destruction of mobile homes. Extensive damage to doors and windows. Low-lying escape routes may be cut by rising water 3-5 hours before arrival of the hurricane center. Major damage to lower floors of structures near the shore. Terrain lower than 10 ft above sea level may be flooded requiring massive evacuation of residential areas as far inland as 6 miles (10 km).

Category Five Hurricane:

Winds greater than 155 mph (135 kt or 249 kph). Storm surge generally greater than 18 ft above normal. Complete roof failure on many residences and industrial buildings. Some complete building failures with small utility buildings blown over or away. All shrubs, trees, and signs blown down. Complete destruction of mobile homes. Severe and extensive window and door damage. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the hurricane center. Major damage to lower floors of all structures located less than 15 ft above sea level and within 500 yards of the shoreline. Massive evacuation of residential areas on low ground within 5-10 miles (8-16 km) of the shoreline may be required.

The Fujita Scale

F-Scale	Intensity	Wind Speed (mph)	Typical Damage (Suggested)
F0	Gale Tornado	40 - 72	Tree branches broken, chimneys damaged, shallow-rooted trees pushed over; sign boards damaged or destroyed, outbuildings and sheds destroyed
F1	Moderate	73 - 112	Roof surfaces peeled off, mobile homes pushed off foundations or overturned, moving autos pushed off the roads, garages may be destroyed. Category 1-2 hurricane wind speed
F2	Significant	113 - 157	Roofs blown off frame houses; mobile homes rolled and/or destroyed, train boxcars pushed over; large trees snapped or uprooted; airborne debris can cause damage. Category 3-4 hurricane wind speed
F3	Severe	158 - 206	Roofs and walls torn off well constructed houses; trains overturned; large trees uprooted, can knock down entire forest of trees. Category 5 hurricane wind speed
F4	Devastating	207 - 260	Well-constructed frame houses leveled; structures with weak foundations blown off some distance; automobiles thrown, large airborne objects can cause significant damage.
F5	Incredible	261 - 318	Brick, stone and cinderblock buildings destroyed, most debris is carried away by tornadic winds, large and heavy objects can be hurled in excess of 100 meters, trees debarked, asphalt peeled off of roads, steel reinforced concrete structures badly damaged.
F6	Inconceivable	319 - 379	These winds are very unlikely. The small area of damage they might produce would probably not be recognizable along with the damage produced by F4 and F5 wind speeds that would surround the F6 winds.



Typical F0 Tornado Damage

Note the trees are stripped of leaves, but the trees remain standing. Only light roof damage and a few missing shingles.



Typical F1 Tornado Damage

Note the uprooted trees and missing shingles from the roof. There is significant roof damage.



Typical F2 Tornado Damage

This home is missing its entire roof but the exterior walls remain intact. Some of the stronger hardwood trees remain standing.



Typical F3 Tornado Damage

This home is missing the entire roof as well as some of the exterior walls. Trees are blown over or snapped near the base and outbuildings are destroyed.



Typical F4 Tornado Damage

This home is almost completely obliterated, with no walls standing. The debris from the home is where the house once stood.



Typical F5 Tornado Damage

These homes have been completely removed from their original locations. The debris field has been scattered some distance from their foundation.



Typical F5 Tornado Damage

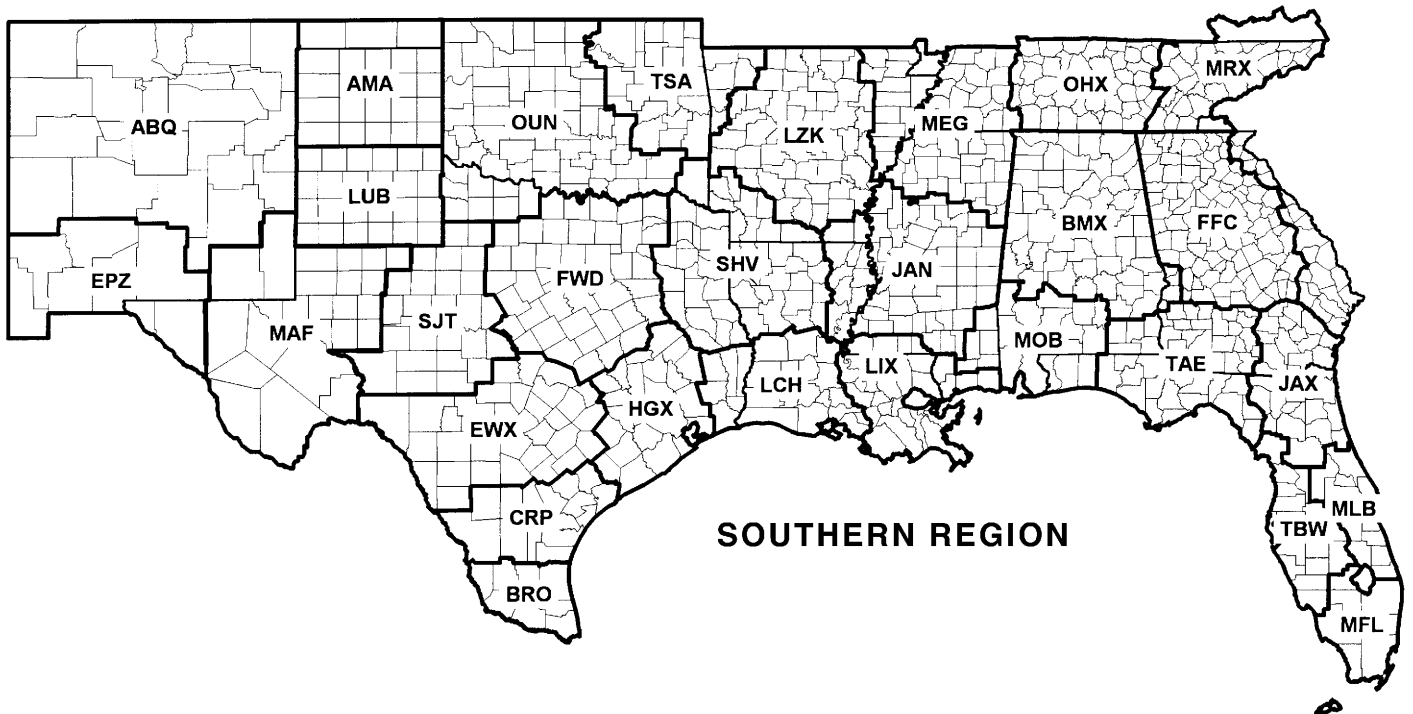
The asphalt surface has been peeled off of this road.

(All photographs courtesy of Brian Smith, Meteorologist, National Weather Service, Valley NE.)

COUNTY WARNING & FORECAST AREAS - MODERNIZED NWS

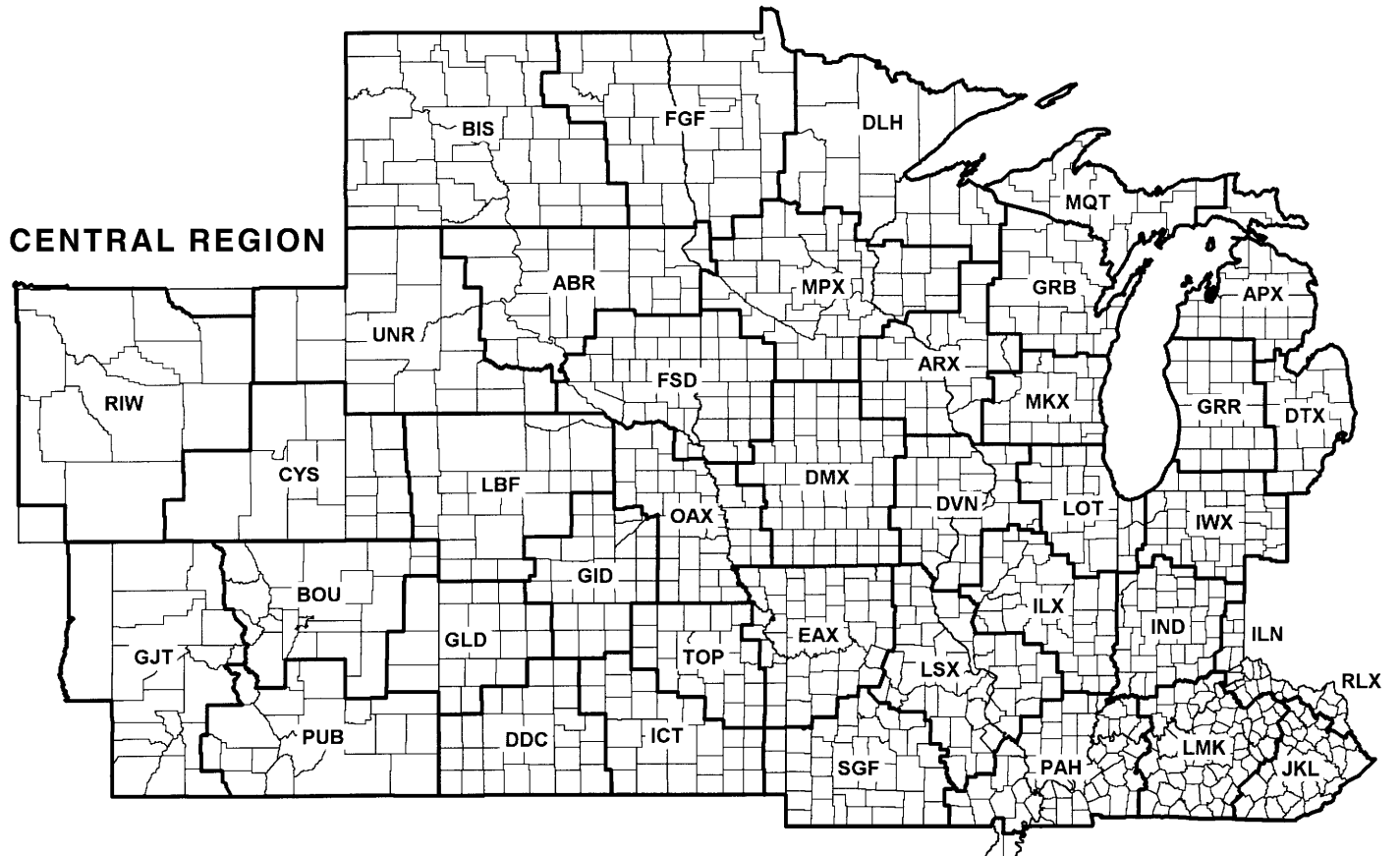
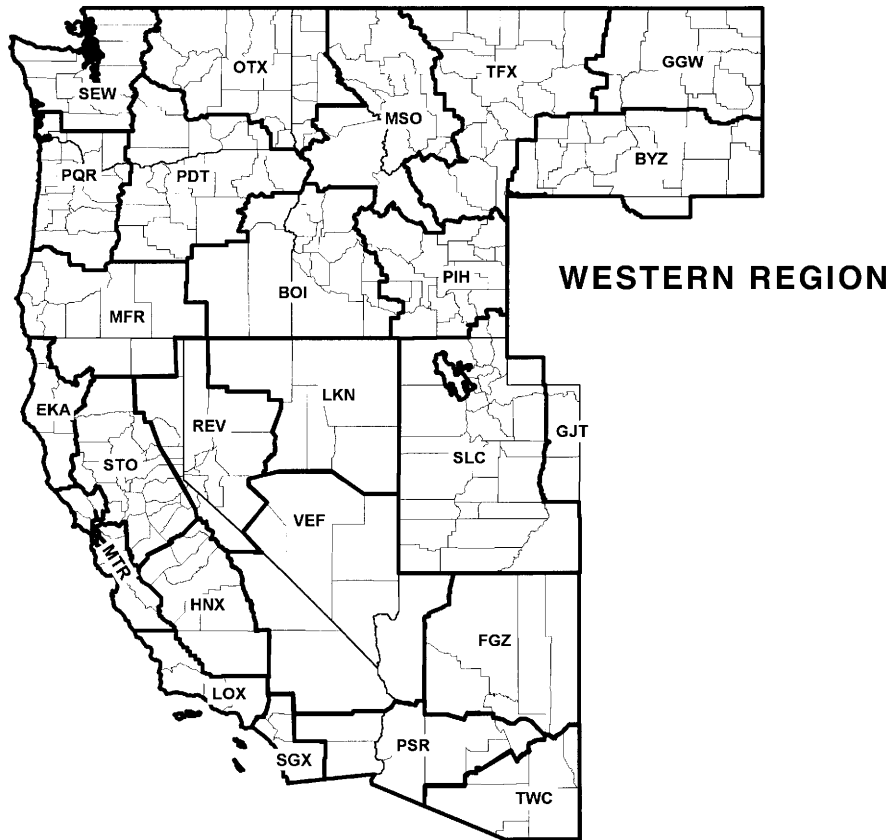


EASTERN REGION

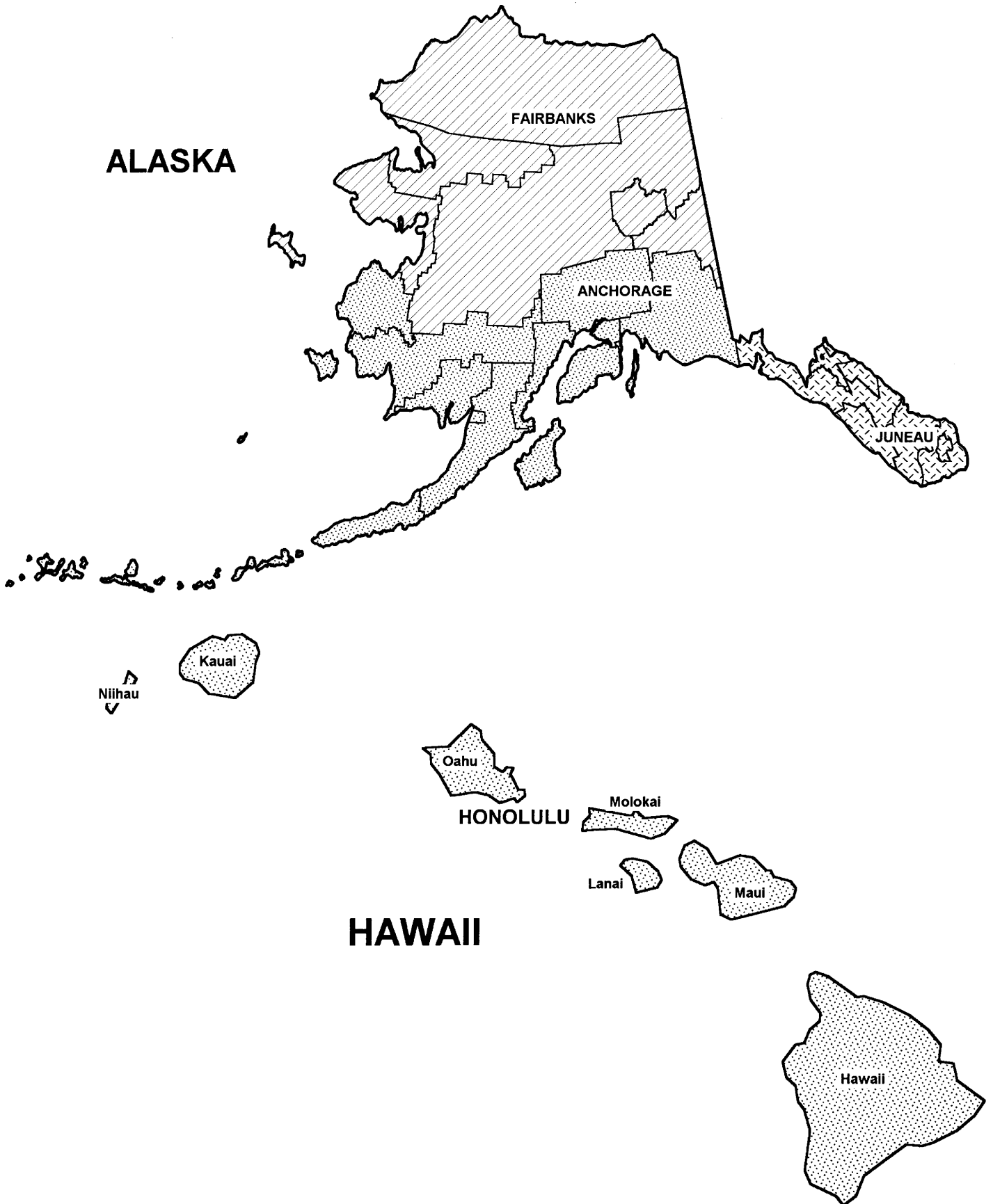


SOUTHERN REGION

COUNTY WARNING & FORECAST AREAS - MODERNIZED NWS



MODERNIZED COUNTY WARNING AREAS



To change your address, please return a copy of the mailing label along with your new address to:

NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

Toll free number: (866) 742-3322
TDD: (828) 271-4010
Fax number: (304) 726-4409

Inquiries/Comments Call: (866) 742-3322 (Toll free)
(828) 271-4010 (TDD)
(304) 726-4409 (Fax)

Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

<p>PRSR STD POSTAGE & FEES PAID United States Department of Commerce NOAA Permit No. G-19</p>

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
CHANGE SERVICE REQUESTED