

**FEBRUARY 2001
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STORM DATA



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



noaa NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE,
DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, NC

Cover: A mobile home destroyed by an F2 tornado on the west side of Lonoke (Lonoke County), AR. Three injuries resulted from the storm at this location. *(Photograph courtesy of John Robinson, WCM, NWS Little Rock, AR.)*

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STORM DATA

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National Climatic Data Center

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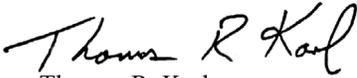
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The editors of **STORM DATA** solicit your help in acquiring photographs (prints or slides; black and white, or color), maps, clippings, etc. of significant or severe weather events (past or present) for use in the "Outstanding Storms of the Month"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

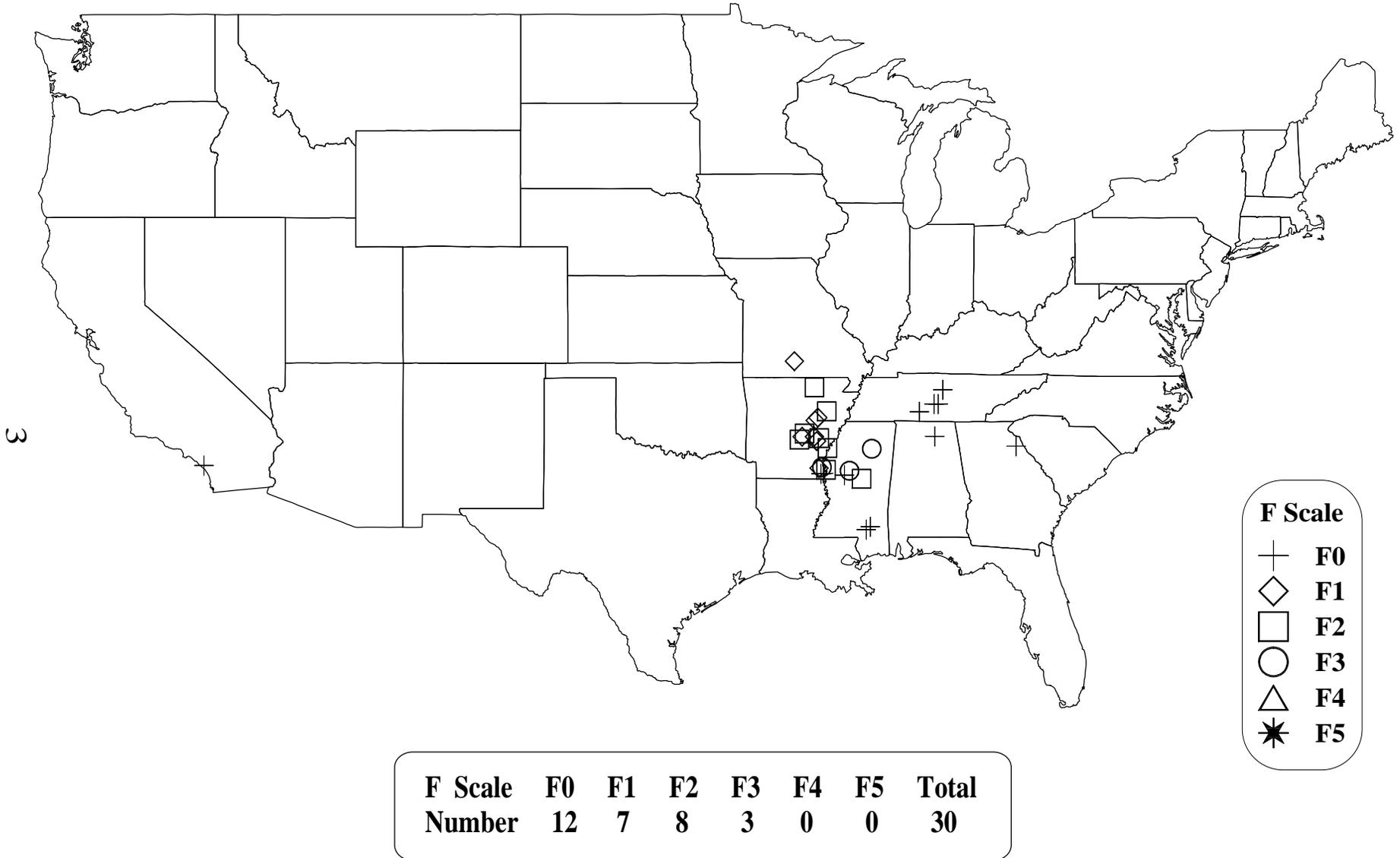
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Thomas R. Karl
Director,
National Climatic Data Center

February 2001 Confirmed Tornadoes



OUTSTANDING STORMS OF THE MONTH

1. Tornado Outbreak in Arkansas

A strong cold front pushed into Arkansas from the Plains on February 24, 2001. With unstable air across the state, severe thunderstorms developed during the afternoon hours and moved to the northeast at 50 to 60 mph. The severe thunderstorms produced thirteen tornadoes (6-F1, 6-F2, 1-F3 as defined by the Fujita Tornado Scale) over an 11-county area in the eastern-half of Arkansas. Most notably, the F3 tornado had a path length of 42 miles in Desha County of southeast Arkansas. The tornadoes caused the death of an eighteen-month-old boy five miles southwest of Salem (Fulton County), and nine people were injured.

This outbreak paralleled recent outbreaks as the tornadoes tracked over the same areas. For example, an F2 tornado in the College Station area caused damage to the same structures that were destroyed by an F4 tornado on March 1, 1997.



Left: A house was destroyed by an F2 tornado in College Station (Pulaski County), four miles southeast of Little Rock. The house had been rebuilt after the March 1, 1997 Arkansas Tornado Outbreak.

(Photograph courtesy of John Robinson, WCM, Little Rock, AR)

Right: An F2 tornado destroyed a trailer five miles southwest of Salem (Fulton County) on 02/24/2001. Three people were injured, with one fatality.

(Photograph courtesy of John Lewis, NWS, Little Rock, AR)



Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm		
<u>ALABAMA, North Central</u>									
ALZ006	Madison	08	1500CST		0	0	0	Excessive Heat	
								The afternoon high temperature recorded at the Huntsville International Airport was 73 degrees. This temperature established a new daily record high temperature.	
ALZ006	Madison	09	1500CST		0	0	0	Excessive Heat	
								The afternoon high temperature measured at the Huntsville International Airport was 76 degrees. This temperature tied the previous daily record high temperature.	
Fayette County									
12 NE Fayette		09	1704CST		0	0	8K	Thunderstorm Wind (G55)	
								Several trees were blown down, two barns sustained damage, and one home reported shingle damage in the Fowler's Crossroads area.	
Fayette County									
5 W Fayette		09	1706CST		0	0	4K	Thunderstorm Wind (G50)	
								A few trees and power lines were knocked down just west of the city of Fayette.	
Walker County									
15 N Jasper		09	1733CST		0	0	2K	Thunderstorm Wind (G50)	
								A few trees were blown down in Curry and in a couple of other locations in northern Walker County.	
Winston County									
Arley		09	1735CST		0	0	5K	Thunderstorm Wind (G50)	
								Trees were knocked down just south of Arley. An automobile collided with a downed tree on CR 41. No injuries were reported.	
Cullman County									
Crane Hill		09	1745CST		0	0	2K	Thunderstorm Wind (G50)	
								Trees were knocked down near the city of Crane Hill.	
Tuscaloosa County									
Tuscaloosa		09	1748CST		0	0	2K	Thunderstorm Wind (G50)	
								Trees were blown down just northeast of Tuscaloosa.	
Tuscaloosa County									
Tuscaloosa		09	1800CST		0	0	3K	Thunderstorm Wind (G55)	
								The glass windows in front of the Home Depot were blown in and broken.	
Tuscaloosa County									
Brookwood		09	1805CST		0	0	2K	Thunderstorm Wind (G50)	
								Trees were blown down on SR 216 in Brookwood.	
Limestone County									
2 S Tanner		16	1319CST		0	0	50K	Thunderstorm Wind (G65)	
								Trees and power lines were knocked down just south of Tanner. Several mobile homes received considerable damage in the Lawson's Trailer Park.	
Limestone County									
5 S Athens		16	1330CST		0	0	30K	Thunderstorm Wind (G60)	
								A mobile home was destroyed on US 31 between Athens and Decatur. No injuries were reported.	
Madison County									
Countywide		16	1325CST		0	0	25K	Thunderstorm Wind (G60)	
			1410CST					Numerous trees and power lines were blown down throughout the county. One tree fell on a college fraternity house causing considerable damage. Many roads were temporarily closed because of downed trees. Several homes received roof damage.	
Madison County									
9.6 WNW Huntsville to 5.7 NW Huntsville	16	1339CST	4.4	30	0	0	40K	0	Tornado (F0)
			1345CST						A small tornado described by eye witnesses as a smooth funnel touched down in northwest Huntsville. The damage began near the intersection of Capshaw Road and Wall Triana Highway. The tornado damage path extended nearly due east for some distance before turning east-northeast and ending just west of Rideout Road. A damage survey was conducted of this event by meteorologists from UAH who described the damage path as narrow, focused, and convergent. Additional damage occurred in northeast Huntsville in the Chase area and may possibly have been another weak tornado touchdown. Beginning: 34 46.378/86 45.006 Ending: 34 46.769/86 40.393
Lamar County									
Countywide	16	1341CST			0	0	300K	0	Thunderstorm Wind (G65)
			1407CST						Lamar County reported numerous trees and power lines blown down. Numerous homes were damaged and at least 5 homes were totally destroyed. The most concentrated damage occurred in the southern part of the county southwest of Vernon. Small hail also fell with these storms. There were no reports of any injuries.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>ALABAMA, North Central</u>							
Pickens County							
Countywide	16	1341CST 1410CST			0 0	100K 0	Thunderstorm Wind (G75)
Pickens County reported numerous trees and power lines knocked down. Numerous homes reported roof damage.							
Sumter County							
Countywide	16	1400CST 1440CST			0 0	5K 0	Thunderstorm Wind (G55)
Sumter County reported only a few trees knocked down countywide.							
Greene County							
Countywide	16	1405CST 1440CST			0 0	10K 0	Thunderstorm Wind (G55)
Greene County reported only a few trees blown down. In Hebron, a daycare center had part of its roof removed. No injuries were reported.							
Fayette County							
Countywide	16	1408CST 1430CST			0 0	250K 0	Thunderstorm Wind (G75)
Fayette County reported numerous trees and power lines blown down throughout the county. A number of the trees fell onto automobiles and homes causing major damage. A doctors office had its roof torn off in Fayette, and one mobile home was overturned. No injuries were reported.							
Tuscaloosa County							
Countywide	16	1410CST 1455CST			0 2	250K 0	Thunderstorm Wind (G65)
Tuscaloosa County reported numerous trees and power lines blown down countywide. Many of the fallen trees caused roads to be closed temporarily. Numerous homes were damaged. Wind gusts of 80 mph were measured in Northport and the Tuscaloosa Airport had 60 mph winds. Numerous funnel cloud reports were received throughout the county. One man was injured when a tree fell on his automobile on Highway 43. One 18-wheel truck was overturned on a bridge over the Black Warrior River. Several businesses reported broken windows. One firefighter was injured in Northport when a tree fell on him. This event occurred as the firefighter was cleaning up debris. Quarter size hail was also reported with these storms.							
Walker County							
Countywide	16	1425CST 1510CST			0 0	55K 0	Thunderstorm Wind (G60)
Walker County reported numerous trees and power lines down. Numerous homes and automobiles were damaged from the falling trees. A few homes had their roofs torn off and a few barns were totally destroyed. No injury reports were received.							
Jefferson County							
Countywide	16	1440CST 1525CST			1 4	400K 0	Thunderstorm Wind (G75)
Jefferson County reported numerous trees and power lines down. One woman was killed in Ensley when a large tree smashed her car. One person was injured when a tree fell onto an automobile traveling down Mountain Brook Parkway. One person was injured when an 18-wheel truck was blown over on Interstate 65. Two people sustained minor injuries when a tree fell on a doctor's office building. Wind gust of 68 mph were reported at the Birmingham International Airport. Wind gusts of 99 mph were measured at the grandstand level of Legion Field. Wind gusts of 80 mph or more occurred on Red Mountain. Area officials estimated that a very large percentage of county roads were temporarily closed due to downed trees. Many more trees fell on automobiles, homes, and businesses causing major damage. Legion Field sustained damage to the large video screen used for replays at the professional football games. Two private aircraft at the Birmingham International Airport were damaged. The roof was torn off a portion of Riley Elementary School in southwest Birmingham. The storms also sheared roofs off buildings and broke several windows. Hail up to the size of golf balls was also reported with these storms. F52VE							
Winston County							
Countywide	16	1445CST 1505CST			0 0	25K 0	Thunderstorm Wind (G60)
Winston County reported numerous trees blown down. The most concentrated damage occurred from Lynn to Arley. Dime size hail was also reported with these storms.							
Bibb County							
Countywide	16	1450CST 1540CST			0 0	10K 0	Thunderstorm Wind (G65)
Bibb County reported numerous trees blown down.							
Cullman County							
Countywide	16	1500CST 1530CST			0 0	60K 0	Thunderstorm Wind (G60)
Cullman County reported numerous trees and power lines blown down. The Cold Springs School was damaged by falling trees and power lines. Several trees fell on vehicles and homes causing damage. One mobile home was destroyed on CR 52. A funnel cloud was sighted on Golf Course Road. Small hail also accompanied these storms.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>ALABAMA, North Central</u>							
Shelby County							
Countywide	16	1505CST 1550CST			0 0	3K 0	Thunderstorm Wind (G55)
Shelby County reported numerous trees and power lines blown down. The most concentrated damage was in the northern part of the county.							
Blount County							
Countywide	16	1510CST 1536CST			0 0	60K 0	Thunderstorm Wind (G70)
Blount County reported numerous trees and power lines knocked down. Many of the downed trees blocked roadways causing temporary closure. Several homes and businesses sustained roof damage. A few barns were totally destroyed. A few chicken houses were damaged and a few more were completely destroyed. One mobile home was destroyed and one had its roof torn off. Lightning strikes across the county caused several structure fires.							
Morgan County							
Countywide	16	1510CST 1540CST			0 0	6K 0	Thunderstorm Wind (G55)
Morgan County reported several trees down throughout the county.							
St. Clair County							
Countywide	16	1517CST 1540CST			0 0	15K 0	Thunderstorm Wind (G60)
St. Clair County reported numerous trees and power lines blown down. A school bus in the Shadydale Community, carrying children home from school, was hit and damaged by a falling tree. None of the children or the bus driver were injured. Several homes sustained varying degrees of roof damage.							
Etowah County							
Countywide	16	1532CST 1600CST			0 1	20K 0	Thunderstorm Wind (G60)
Etowah County reported numerous trees and power lines knocked down. Many of the downed trees blocked roadways causing temporary road closures. Wind gusts of 68 mph were measured at the Emergency Management Office in Gadsden. One person suffered minor injuries when a tree fell on the side of their traveling vehicle.							
Calhoun County							
Countywide	16	1540CST 1610CST			0 0	10K 0	Thunderstorm Wind (G55)
Calhoun County reported numerous trees and power lines blown down. Several roads were blocked a subsequently closed. A few buildings had significant roof damage in the Anniston area. Wind gusts of 60 mph were recorded at the Anniston/Oxford Airport.							
Marshall County							
Countywide	16	1540CST 1600CST			0 0	5K 0	Thunderstorm Wind (G55)
Marshall County reported several trees blown down.							
Talladega County							
Countywide	16	1543CST 1610CST			0 0	6K 0	Thunderstorm Wind (G55)
Talladega County reported numerous trees and power lines knocked down. A few homes received minor roof damage. The most concentrated damage occurred in the northern part of the county.							
Dekalb County							
Countywide	16	1555CST 1625CST			0 0	10K 0	Thunderstorm Wind (G55)
Dekalb County reported several trees down. A few homes and businesses received roof damage.							
Cherokee County							
Countywide	16	1558CST 1625CST			0 0	10K 0	Thunderstorm Wind (G55)
Cherokee County reported numerous trees blown down. Several roads were closed after being blocked by downed trees.							
Chilton County							
Countywide	16	1600CST 1620CST			0 0	5K 0	Thunderstorm Wind (G55)
Chilton County reported numerous trees blown down in the Pleasant Grove area. The remainder of the county only had a few trees blown down.							
Cleburne County							
Countywide	16	1605CST 1632CST			0 0	10K 0	Thunderstorm Wind (G60)
Cleburne County reported numerous trees and power lines knocked down and snapped off. Several homes and businesses received varying degrees of roof damage. Many roads were closed because of downed trees.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>ALABAMA, North Central</u>							
Clay County							
Countywide	16	1615CST 1635CST			0 0	10K 0	Thunderstorm Wind (G55)
Clay County reported shingle damage on one home and a roof torn off a barn in Lineville.							
Randolph County							
Countywide	16	1632CST 1650CST			0 0	3K 0	Thunderstorm Wind (G50)
Randolph County reported several trees and power lines blown down throughout the county.							
Tallapoosa County							
Countywide	16	1710CST 1730CST			0 0	3K 0	Thunderstorm Wind (G55)
Tallapoosa County reported several trees down. The most damage occurred across the southern half of the county. A large bow echo or derecho, a long-lived and widespread convective wind storm, swept across much of the northern two thirds of Alabama. The wind storm moved into western Alabama around 141 PM and exited the eastern counties around 438 PM. Wind gusts were estimated between 60 and 105 miles an hour during the event and these gusts produced extensive wind damage throughout the entire area, similar to F0 and F1 tornado damage. The American Red Cross estimated that at least 2500 homes were damaged and some destroyed. Major electrical transmission lines were down in Tuscaloosa and Fayette Counties. Alabama Power estimated that at least 400,000 homes and businesses were initially without power, which is one third of their total customers. According to Alabama Power, this event ranked as the third highest ever for power outages in the state of Alabama.							
Jackson County							
Stevenson	16	1417CST			0 0	2K 0	Thunderstorm Wind (G50)
A few trees were blown down around Stevenson. A few trees were also reported down in the rural areas of northern Jackson County.							
ALZ024							
Jefferson							
	16	1500CST			0 0	0 0	Excessive Heat
The afternoon high temperature observed at the Birmingham International Airport was 80 degrees. This temperature established a new daily high temperature.							
ALZ044							
Montgomery							
	16	1500CST			0 0	0 0	Excessive Heat
The afternoon high temperature recorded at Dannelly Field was 81 degrees. This temperature tied the previous daily record high temperature.							
Elmore County							
Millbrook	16	1930CST			0 0	3K 0	Thunderstorm Wind (G50)
Several trees were blown down in the Millbrook area.							
Dallas County							
Safford	21	1810CST			0 0	0 0	Hail (0.88)
Nickel size hail fell just north of Safford.							
Dallas County							
Safford	21	1810CST			0 0	3K 0	Thunderstorm Wind (G60)
A few buildings in Safford had minor to moderate roof damage. Several trees were blown down or snapped off in southwestern Dallas County.							
Dallas County							
6 SW Sardis	21	1845CST			0 0	0 0	Hail (0.88)
Nickel size hail was reported in rural southern Dallas County.							
Perry County							
Marion	21	2235CST			0 0	0 0	Hail (1.00)
Quarter size hail was reported near Marion.							
Lamar County							
Countywide	21	2250CST 2330CST			0 0	120K 0	Thunderstorm Wind (G65)
Severe thunderstorms produced damaging winds across Lamar County. The most significant damage occurred across the northern half of the county mainly from Sulligent northward. Numerous trees and power lines were blown down and a roof was completely torn off a building. On the Marion and Lamar county line, one building was destroyed and a 180 ft. high radio tower repeater site was knocked over. Hail of unknown size also accompanied these storms. No injuries were reported.							
Marion County							
Countywide	21	2310CST 2345CST			0 0	250K 0	Thunderstorm Wind (G65)
Dime to quarter size hail was reported across Marion County with a line of thunderstorms that moved through. The hail completely covered the ground in many locations. These severe thunderstorms produced significant wind damage mainly across the southern part of the county near Guin, Winfield, and Hamilton. Wind speeds were estimated between 60 and 80 miles an hour. Numerous trees and power							

Storm Data and Unusual Weather Phenomena

February 2001

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

lines were snapped off or blown over in this area and many roads became impassible. Numerous homes and businesses received moderate to major damage which ranged from broken windows to partial roof removal. Several automobiles were damaged by falling trees. No injuries were reported.

Fayette County

Countywide	21	2320CST 2350CST			0 0	20K 0	Thunderstorm Wind (G55)
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Numerous trees and power lines were snapped off or blown down in the northern part of the county. Hail of unknown size accompanied these storms.

Walker County

Jasper	22	0011CST			0 0	0 0	Hail (1.00)
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One inch diameter size hail was reported in the city of Jasper.

Jefferson County

Pinson	22	0106CST			0 0	0 0	Hail (1.00)
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Quarter size hail fell in Pinson.

Franklin County

Phil Campbell	22	0107CST			0 0	0 0	Hail (0.75)
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Dime size hail was reported in Phil Campbell.

Colbert County

Cherokee	25	0030CST			0 0	2K 0	Thunderstorm Wind (G50)
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Trees were blown down just west of Cherokee.

Lauderdale County

6 N Florence	25	0030CST			0 0	2K 0	Thunderstorm Wind (G50)
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Trees were knocked down in the Underwood and Petersville area.

Winston County

Addison	25	0100CST			0 0	2K 0	Thunderstorm Wind (G50)
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A few trees were blown down in the northeast part of Winston County near Addison.

ALABAMA, Southeast

NONE REPORTED.

ALABAMA, Southwest

Choctaw County

Halsell	16	1525CST 1530CST			0 0	3K	Thunderstorm Wind (G55)
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Strong thunderstorm winds blew shingles off a roof.

Marengo County

Sweet Water	25	0115CST 0120CST			0 0	15K	Thunderstorm Wind (G75)
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Strong thunderstorm winds completely removed the roof of a mobile home. Trees that were blown down by the storm produced damage to two other nearby homes.

Monroe County

Peterman	27	1640CST 1645CST			0 0		Hail (0.88)
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Monroe County

7 NE Peterman	27	1645CST 1650CST			0 0	5K	Thunderstorm Wind (G55)
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Thunderstorm winds blew down trees near Grey's Store, which is about 7 miles northeast of Peterman.

Conecuh County

Nichburg	27	1650CST 1655CST			0 0	5K	Thunderstorm Wind (G55)
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Trees were blown down by strong thunderstorms north of the community. Most of the downed trees were located between Pine Orchard and Ramah.

ALASKA, Northern

AKZ225

Denali

05	0645AST	0	0		High Wind (G45)	M
06	1148AST					

AKZ207-209

Chukchi Sea Coast - Baldwin Pen. & Selawik Valley

05	1333AST	0	0		Blizzard
06	0455AST				

Storm Data and Unusual Weather Phenomena

February 2001

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

A 969mb low over the Bering Sea and associated strong occluded front moved north over the west coast of Alaska, producing blizzard conditions across parts of western Alaska, as well as strong south winds through the central Alaska Range.

Blizzard conditions occurred at:

Zone 207: Kivalina

Zone 209: Kotzebue

Strong winds were reported at:

Zone 225 - Healy: gust to 52 mph.

AKZ207-209-211-213 Chukchi Sea Coast - Baldwin Pen. & Selawik Valley - Srn Seward Peninsula Coast - St Lawrence Is. Bering Strait

07	1055AST						
09	0653AST						Blizzard

A storm as deep as 958 mb moved north over the Bering Sea and the associated occluded front moved over the west coast of Alaska on the 8th, eventually dissipating by the morning of the 9th. The storm weakened to 1002 mb by the time it reached the Chukchi Sea the night of the 9th. Blizzard conditions spread over parts of the west coast of Alaska, notably:

Zone 211 - Nome, near blizzard at Golovin

Zone 213 - Gambell, Savoonga, Tin City

Zone 209 - Kotzebue

Zone 207 - Kivalina

AKZ207>211-213 Chukchi Sea Coast - Lower Kobuk & Noatak Valleys - Baldwin Pen. & Selawik Valley - Nrn & Intr. Seward Peninsula - Srn Seward Peninsula Coast - St Lawrence Is. Bering Strait

10	0355AST						
12	1350AST						Blizzard

F44OU

AKZ212-214>215-226 Ern Norton Sound Nulato Hills - Yukon Delta - Lower Yukon Valley - Ne. Slopes Of The Ern Ak Rng

10	0815AST						
12	1500AST						Winter Storm

AKZ213-225 St Lawrence Is. Bering Strait - Denali

10	1746AST						
11	1335AST						High Wind (G65) ^M

AKZ218-221>222-224 S. Slopes Of Ern Brooks Range - Wrn Tanana Vly Wrn Yukon Vly - Middle Tanana Valley - Uprr Tanana Vly Fortymile

11	1200AST						
12	1800AST						Heavy Snow

A storm as low as 961 mb moved north over the Bering Sea on the 10th, filling to 983 mb by the time it reached the western Chukchi Sea on the evening of the 11th. The associated occluded front moved over the west coast of Alaska on the 10th, and offshore of the Arctic Coast the afternoon of the 11th. A small low pressure center developed on the front in the Fairbanks area on the afternoon of the 11th, and caused the front to remain stationary over the Middle Tanana Valley, producing heavy snow. Blizzard conditions occurred across the west coast of Alaska, along with heavy snow, and over southwest Alaska, pockets of light freezing rain likely occurred where a shallow layer of cold air at the surface was overrun by warmer, moist air aloft. Areas of heavy snow also occurred over parts of the eastern Interior of Alaska. In addition, strong south winds occurred across the central Alaska Range in advance of the frontal system.

Strong winds were reported at:

Zone 213 - Gambell AWOS: sustained 55 mph, gust 64 mph; Savoonga AWOS sustained 60 mph, gust 75 mph.

Zone 225 - Healy: gusts to 60 mph.

Blizzard conditions occurred at:

Zone 207 - Kivalina, Shishmaref

Zone 208 - Red Dog Mine

Zone 209 - Kotzebue

Zone 210 - Buckland, Deering

Zone 211 - Nome, Golovin

Zone 213 - Gambell, Savoonga, Tin City

Light Freezing Precipitation likely occurred at:

Zone 212 - Koyuk

Zone 214 - Saint Marys

Zone 215 - Anvik

Heavy Snow fell occurred at:

Zone 211 - Nome: 6.4 inches ending midnight on the 11th.

Zone 212 - Koyuk: 8.0 inches - 24 hour total on the morning of the 11th.

Zone 215 - Kaltag (Co-op observer): 6.0 inches the morning of the 12th

Zone 218 - Upper Colleen River Co-op observer: 6.0 inches

Zone 221 - Livengood D.O.T. Camp - 6.0 inches

Zone 222 - Fairbanks Airport: 8.3 inches ending at noon on the 12th.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
ALASKA, Northern							
			Co-op Reports from the morning of the 12th ranged from 6.0 inches to 6.6 inches of snow.				
			Zone 224 - Tok Co-op Observer: 8.0 inches				
			Zone 226 - Trimms D.O.T. Camp reported 6.0 inches the morning of the 12th, along with poor visibility.				
AKZ213			St Lawrence Is. Bering Strait				
		12	1100AST		0	0	Blizzard
		13	1355AST				
AKZ213			St Lawrence Is. Bering Strait				
		12	1100AST		0	0	High Wind (G71) ^M
		13	1355AST				
			Complex Low pressure moved north over the western and central Bering Sea on the 12th and 13th bringing strong winds and blizzard conditions to the far western coast of Alaska.				
			Blizzard conditions occurred at: Zone 213 - Savoonge, likely at Gambell				
			High winds occurred at:				
			Zone 213 - Gambell AWOS: sustained 59 mph, gust to 78 mph; Savoonga AWOS: sustained 62 mph, gust to 82 mph.				
			Zone 201 - Cape Lisburne AWOS: sustained 39 mph, gust 59 mph.				
AKZ201>203-205-207-209-211			Western Arctic Coast - Northern Arctic Coast - Central Beaufort Sea Coast - N. Brooks Rng Colville Rvr W - Chukchi Sea Coast - Baldwin Pen. & Selawik Valley - Srn Seward Peninsula Coast				
		15	0315AST		0	0	Blizzard
			2200AST				
			A Low pressure center that formed just south of Saint Lawrence Island on the 14th tracked northeast and deepened to 997 mb as it approached Barrow on the morning of the 15th. Across northwest Alaska, blizzard conditions were reported at:				
			Zone 211 - Golovin				
			Zone 209 - Kotzebue				
			Zone 207 - Kivalina, likely at Shishmaref				
			Zone 205 - Umiat				
			Zone 203 - Deadhorse, Kuparuk, Nuiqsut				
			Zone 202 - Barrow				
			Zone 210 - Wainwright				
AKZ201-207>208			Western Arctic Coast - Chukchi Sea Coast - Lower Kobuk & Noatak Valleys				
		16	1055AST		0	1	Blizzard
		17	1253AST				
			A Low pressure center deepened to 958 mb near the Pribilof Islands in the Bering Sea and moved northwest to the Chukotsk Peninsula and weakened. The system brought blizzard conditions to northwest Alaska, namely:				
			Zone 201: Wainwright				
			Zone 207: Shishmaref				
			Zone 208: Red Dog Mine				
			A truck-double trailer hauling 40 tons of zinc concentrate from Red Dog Mine to the port south of Kivalina overturned enroute when the truck ran off the road due to poor visibility. The driver sustained minor injuries, treatable at the accident site.				
AKZ207-217			Chukchi Sea Coast - Upper Kobuk And Noatak Vlys				
		24	1200AST		0	0	Extreme Windchill
		26	0400AST				
AKZ218			S. Slopes Of Ern Brooks Range				
		24	2050AST		0	0	Blizzard
			2150AST				
AKZ225			Denali				
		25	2146AST		0	0	High Wind (G45) ^M
		26	0219AST				
			A slowly increasing strong pressure gradient across northern Alaska produced local wind chills, blizzards, and high winds. Strong High pressure remained over the Arctic Ocean with Low pressure over the Aleutian Islands and south Bering Sea.				
			Extreme Wind Chills reported at:				
			Zone 207 - Kivalina -71F; Point Hope -70 F				
			Zone 217 - Makpik Creek Remote Automated Weather Station (RAWS) -73				
			Blizzard conditions reported at:				
			Zone 218 - Chandalar Lake				
			High Winds reported at:				
			Zone 225 - Healy: gust 52 mph				
AKZ207			Chukchi Sea Coast				
		27	1153AST		0	0	Blizzard
		28	1553AST				

Storm Data and Unusual Weather Phenomena

February 2001

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

AKZ223>224

Deltana And Tanana - Upr Tanana Vly Fortymile

27	1653AST				0	0	High Wind (G51) ^M
28	0400AST						

A 957 mb Low over the southwest Interior of Alaska moved northwest to the western Seward Peninsula by noon on the 28th and weakened to 980 mb. The system produced intermittent blizzard conditions at Kivalina during this time. An associated cold front moved east across the Tanana Flats and Upper Tanana Valley on the night of the 27th, producing a period of strong winds. Highest wind recorded at the Delta ASOS was a gust to 59 mph. Similar winds were likely in the Upper Tanana Valley, where a Cooperative observer at Tanacross reported a tree being blown over which took out a power line, damage cost unknown.

ALASKA, Southeast

AKZ025>026

Juneau Borough-Western Chichagof-Admiralty Island - Inner Channels From Kupreanof Island To Etolin Island

12	0700AST				0	0	Ice Storm
	2100AST						

Two to five tenths of an inch of freezing rain occurred in the Juneau area. As arctic air was being gradually eroded by a warm, maritime airmass, freezing rain developed in wind-sheltered valley locations in central Southeast Alaska. The freezing rain was light, and accumulations of two to six tenths of an inch were reported in 5 to 7 hours.

AKZ025

Juneau Borough-Western Chichagof-Admiralty Island

13	1000AST				0	0	Heavy Snow
	1600AST						

The Juneau area received 6 to 14 inches of snow... most of which fell during a 6-hour period. Moderate rain changed over to snow when the arctic boundary stalled across the area.

AKZ027

Southern Southeast Alaska Ernest Sound To Dixon Entrance

13	1600AST				0	0	Heavy Snow
	0700AST						

Hyder received 8 inches of snow in less than 24 hours due to a terrain-enhanced overrunning situation.

AKZ024

Northern Lynn Canal

25	2100AST				0	0	Heavy Snow
	0700AST						

Six to eight inches of snow fell in less than 12 hours over the upper Chilkat Valley near the Canadian border.

AKZ023>025-028

Cape Decision To Cape Fairweather-Coastal Area - Northern Lynn Canal - Juneau Borough-Western Chichagof-Admiralty Island - Dixon Entrance To Cape Decision-Coastal Area

26	1800AST				0	0	High Wind (G56) ^M
	1530AST						

Strong winds occurred along the outer coast of the Panhandle where a peak wind of 60 mph was recorded at Cape Spencer. An intense Pacific frontal system brought strong winds to much of Southeast Alaska as it moved onshore.

AKZ027

Southern Southeast Alaska Ernest Sound To Dixon Entrance

27	1830AST				0	0	Heavy Snow
	1230AST						

Over a foot of snow fell in Hyder, followed by about 6 hours of freezing rain, during a winter storm.

ALASKA, Southern

AKZ101

Anchorage Muni To Bird Creek

01	0000AST				0	0	High Wind (G64) ^M
	1200AST						

AKZ101-145

Anchorage Muni To Bird Creek - Susitna Valley

01	0200AST				0	0	49K	Heavy Snow
	1300AST							

A weakening low moved into western Prince William Sound late Tuesday night and Wednesday morning. Gusty east winds preceded the low. Strong pressure rises accompanied the weakening low. Significant precipitation was reported on the west and southwest side of the low.

Winds peaked at the Prince William Sound Science Center reached 53 and 50 mph Wednesday and Thursday. Reports from people associated with this system suggest that these observations are probably close to 15% lower than actual peak winds in the area due to age of the Reed switch and site location. This would support 60+ mph around the city & harbor area of Cordova.

Around Anchorage at Site Summit, winds reached at least 74 mph at 8 am Thursday, as the low moved northwest by the area. Gusts at Glen Alps reached at least 39 mph later in the day (peak winds missing from 5 am through noon at the site).

Snowfall in the Anchorage area Thursday ranged from as little as 3.2 inches at the Forecast Office to 9 inches at the Eagle River Nature Center and 8 - 10 inches along the Upper Hillside at the Rabbit Creek Fire Station and Glen Alps. One report of close to a foot of snow was passed on by a resident on East Tudor Road.

Storm Data and Unusual Weather Phenomena

February 2001

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

In the Matanuska Valley, Palmer recorded 5 - 6 inches of snow, Hatcher Pass Lodge 7 inches and 3 inches of new snow fell at the Talkeetna airport. At a site 20 miles south of Cantwell, one foot of new snow was reported.

Along the Kenai Peninsula, accumulations of 4 inches was reported around Soldotna, 6 - 7 inches around Girdwood (lower elevations), 6 inches at Cooper Landing and Moose Pass and 1.5 feet of new snow at Grandview.

Thompson Pass reported 11 inches from the system. Valdez reported 13.4 inches of snow over a 24 hour period.

Between midnight and 4 pm Thursday, the Anchorage Police Department (APD) reported 98 vehicle crashes. In addition to the vehicle crashes, the APD reported 68 vehicles went off the road.

AKZ181-191

Alaska Peninsula - Western Aleutians

02	1525AST						
03	1800AST			0	0		Blizzard

A strong front, moving toward the western Aleutians from the Pacific Friday afternoon and evening, extended in a long arc from the Komandorskiye Islands to just east of Atka at 9 am Saturday. By early Sunday, the front extended from just south of Saint Matthew Island to the southwest entrance of Bristol Bay to near Chignik in a weakened form. The front continued east and north thereafter, no longer producing strong winds.

Pre-frontal winds remained just under high wind threshold at all reporting stations in advance of the front. Snow and blowing snow, however, resulted in blizzard conditions at Shemya, Friday afternoon. Blizzard conditions were also reported along the Alaska Peninsula, in advance of the front, Saturday.

AKZ111

Matanuska Valley

03	1100AST						
	1300AST			2	1		Avalanche

A group of snowmachiners Saturday triggered an avalanche on a slope south of Eureka, near the east fork of the Matanuska River. The avalanche killed two members of the group and slightly injured a third man, who was carried downslope and trapped beneath his snowmachine until he was freed.

M31OU, M32OU

AKZ191

Western Aleutians

03	1825AST						
	2000AST			0	0		Blizzard

AKZ191

Western Aleutians

03	2326AST						High Wind (G55) ^M
	2356AST			0	0		

A 966 mb low moved north northeast into the western Bering Sea late Saturday and Sunday, just west of Shemya. The low brought heavy snow and blizzard conditions to the area Saturday evening. Additionally, southwest winds on the back side of the low briefly reached 63 mph between 11 pm and midnight at the Shemya ASOS.

AKZ101

Anchorage Muni To Bird Creek

05	1900AST						High Wind (G60) ^M
	2359AST			0	0		

A weather front, extending in a long arc from the west-central interior of Alaska to near Kodiak Island, was preceded by locally brisk southeast winds. Gusts of 60+ mph along the Upper Anchorage Hillside were reported from 7pm to midnight Monday. Although several hours of peak winds were unavailable, gusts reached 69 mph between 10 and 11 pm Tuesday at Glen Alps.

AKZ185-191

Eastern Aleutians - Western Aleutians

06	1815AST						High Wind (G55) ^M
	2300AST			0	0		

A 1000 mb low between Segum Island and Unalaska was responsible for gusty southeast winds of 60+ mph around Dutch Harbor and gusty northwest winds at Atka.

Supplemental observations taken at the Dutch Harbor airport reflected southeast winds gusts of 62 mph after 6:35 pm Tuesday. Although the observer 'closed up shop' at 8 pm, gusty southeast winds at the ASOS and also at the Dutch Harbor Spit continued through 11 pm Tuesday at levels exceeding earlier ASOS values. It is assumed that the locally higher gusts, reported when the observer was still there, continued through this period.

On the back side of the low, Atka recorded one northwest wind gust of 63 mph between 6:15 pm and 6:35 pm Tuesday.

As the low began to weaken/reform southeastward, winds diminished at both locations.

AKZ191-195

Western Aleutians - Pribilof Islands

07	0607AST						High Wind (G63) ^M
	1930AST			0	0		

Storm Data and Unusual Weather Phenomena

February 2001

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

A 960 mb low moved across the Western Aleutians and into the Bering Sea Wednesday. Winds peaked at 73 mph at Shemya late Wednesday morning, gusting in the 60+ mph range from early Wednesday morning through Wednesday afternoon. Frequent blizzard conditions were also reported at the site, as intense showers moved through. ASOS reports also recorded freezing rain, heavy rain, heavy snow and blowing snow as precipitation moved rapidly by the sensor.

Southerly wind gusts also reached minimal warning criteria (60 mph) at Adak briefly Wednesday morning. Heavy precipitation was also reported at Adak. Atka recorded southeast winds just under warning levels late Wednesday morning. Winds at Saint Paul, gusted south southeast at 61 mph, as reported by the ASOS, at 6:33 pm Wednesday.

The same storm smashed windows of three crab fishing boats and slowed the progress of the rest of the opilio crab fleet. Fortunately, repairs were temporarily made to enable the vessels to head to safe harbor. Buoy 46035 was rendered inoperable due to the heavy seas generated by the system, leaving the entire High Seas part of the Bering Sea 'buoyless'!

The log-carrying cargo ship "Leo Forrest" sustained damage and major cargo loss about 400 miles north of Adak Thursday as the storm zeroed in on the vessel. Although pretty common and not particularly impressive by Alaskan standards, the storm caused wind gusts of 65 mph to 80+ mph early Thursday and seas of 35+ feet. As weather conditions pummeled the 551 foot ship, power was temporarily lost and approximately 2300 logs 'decided to abandon' ship from the starboard side. The unbalanced load caused the vessel to list 10 degrees to port, with the bow 1 meter down. By Friday afternoon the storm abated, allowing a more safe passage to Dutch Harbor for repairs. Pictures of the ship in port revealed that numerous logs were still hanging off the vessel.

AKZ111

Matanuska Valley

11	0000AST						Avalanche
12	2359AST				10K		

Three avalanches closed the road above the Motherlode Lodge in the Hatcher Pass area.

AKZ101-111-125-145

Anchorage Muni To Bird Creek - Matanuska Valley - Wrn P.W. Snd & Kenai Mtns - Susitna Valley

11	1000AST						Heavy Snow
12	1300AST				0	0	

A strong low moved into the northern Bering Sea Saturday as its front swept into the south central region of the State. Initial marine over running of the arctic air resulted in heavy snow in the Susitna Valley and on the Kenai Peninsula, which began Sunday morning. Strong down slope winds resulted in a delay in the onset of the heavy snow over the Anchorage and Palmer areas until Sunday evening. A low formed along the front, moved to near Kodiak Sunday afternoon, then into western Prince William Sound Sunday night, becoming nearly stationary Monday.

Spotter reports of snowfall were 8 to 16 inches on the Kenai Peninsula, 9 to 13 inches around the Anchorage bowl and Eagle River, 12 inches in Palmer and 8 to 16 inches in the Susitna Valley. Three avalanches were reported around Hatcher Pass, coupled with nearly 3 feet of new snow between Sunday and Monday afternoon.

Power was out shortly after 4 am Monday to K-Beach Road from the Sterling Highway in Soldotna to a mile past Bridge Access Road, affecting some 900 customers for almost 2 hours.

AKZ191-195

Western Aleutians - Pribilof Islands

11	1212AST						High Wind (G67) ^M
12	2253AST				0	0	

A 964 mb low moved across the western Aleutians Sunday afternoon then weakened as it moved into the Russian far east Tuesday. The associated front moved across the Bering sea to the west coast of Alaska by Tuesday. Winds in advance of this front reached warning levels at Shemya noon Sunday and peaked at 77 mph at 2 pm Sunday.

Winds reached warning levels in the Pribilofs 8 pm Monday peaking at 70 mph between 8 and 9 pm.

AKZ131

Nern P.W. Snd

13	0500AST						Blizzard
	1800AST				0	0	

AKZ131

Nern P.W. Snd

13	0953AST						High Wind (G55) ^M
	1655AST				0	0	

A 1008 mb low moved into western Prince William Sound Monday morning. The low then moved to the northeast Gulf of Alaska Tuesday afternoon. A 1040 mb high over the eastern Alaskan Interior resulted in a strong gradient over northern portions of Prince William Sound. The snow and blowing snow in Thompson Pass caused the DOT crew to close the Pass due to blizzard conditions.

Winds reached warning levels at both Valdez city and the airport beginning around 10 am Tuesday and ending around 5 pm. Winds peaked at 63 mph at 12:55 pm Tuesday at the Valdez Airport.

AKZ155-161-171-181-185-191

Kuskokwim Delta - Bristol Bay - Kodiak Peninsula - Alaska Peninsula - Eastern Aleutians - Western Aleutians

16	0203AST						High Wind (G63) ^M
17	2100AST				0	0	

Storm Data and Unusual Weather Phenomena

February 2001

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

A 959 mb low moved across the eastern Aleutians near Dutch Harbor Friday morning eventually weakening to 970 mb near St Lawrence Island Saturday morning. The associated front pushed through the eastern Aleutians and Alaska Peninsula Friday morning and the Bering Sea coastal areas late Friday.

Winds reached 60+ mph at 5 pm Friday at Adak. Atka reached 60+ mph beginning 6:35 pm Friday and peaked at 63 mph 4:35 am Saturday.

Dutch Harbor reached the 60+ mph high wind threshold at 5:35 pm Friday. Warning level winds continued for the next 2 1/2 hours, peaking at 64 mph several times during this period.

Winds over the Alaska Peninsula first reached 60+ mph at 2:03 am Friday then peaked at 71 mph at 4:59 am Friday in advance of the front.

The strong winds then continued east in advance of the front. Also, warm advection aloft resulted in brief periods of freezing rain over the Kuskokwim Delta Friday night and Saturday morning. Mekoryuk had peak winds of 64 mph at 11:35 pm Friday.

In the Bristol Bay zone, winds reached 60 mph at Cape Newenham at 3:55 am Friday then peaked at 70 mph 9:55 am Friday. Winds finally dropped below warning levels 12:55 am Saturday. Peak winds at Togiak reached 67 mph at 5:35 pm Friday, and 73 mph at Egegik at 3:15 pm Friday.

Winds reached 60+ mph at Sitkinak at 2 pm Friday. Peak winds at the site reached 64 mph at 3 pm and again at 7 and 8 pm Friday.

AKZ101

Anchorage Muni To Bird Creek

16	0900AST				High Wind (G61)	M
17	0400AST					

A 959 mb low moved through the eastern Aleutians Friday to the coast of the Kuskokwim Delta Saturday. The associated front moved through the south central region as it dissipated Saturday morning.

Winds reached warning levels on the Upper Hillside of Anchorage beginning around 9 am Friday and subsided below warning levels around 3 am Saturday. The peak wind at Glen Alps was 70 mph at 6 pm Friday.

AKZ191

Western Aleutians

17	1900AST				High Wind (G61)	M
18	1800AST					

A strong front, preceded by strong east and southeast winds, moved northeast through the western and central Aleutians Saturday and Sunday, weakening thereafter. The associated low, at least 955 mbs, curved north then northwest around Attu, from the northwest Pacific, into the extreme southwest Bering Sunday, bringing locally strong southwest winds to extreme western parts of the Aleutians Sunday.

Prefrontal winds of 60+ mph were first recorded at Shemya around 7 pm Saturday, peaking at 70 mph there between 9:30 and 11 pm Saturday. Post frontal winds were still gusting in excess of 60 mph around Shemya Sunday morning and into Sunday afternoon. Prefrontal winds were accompanied by frequent blizzard conditions and heavy snow between 5 pm and 10:30 pm Saturday. Brief freezing rain was also reported around 11 pm Saturday. Winter weather conditions markedly improved early Sunday as milder air at ground/sea level moved into the area behind the front.

AKZ185-191

Eastern Aleutians - Western Aleutians

19	0745AST				Volcanic Ash	
	1800AST					

AVO detected a volcanic ash cloud emanating from Cleveland Volcano in satellite imagery that began 1500 Z (0600 AST) in the Islands of the Four Mountains. The first Sigmet for ash was issued by the Alaska Aviation Weather Unit at 19/1835Z (9:35 am Monday) in response to a call from Alaska Volcano Observatory in Fairbanks. The first public warning for ash was issued within 25 minutes of the SIGMET. Ash cloud was drifting southeast of Cleveland and reached about 17,000 feet asl. Another higher ash cloud extended to the north about 60 miles and reached an estimated altitude of 30,000+ ft asl.

Ashl was reported in Nikolski. The ash cloud purportedly grew to more than 100 miles long as it was blown eastward.

Mt. Cleveland forms the western half of Chuginadak Island, a remote and uninhabited island in the east central Aleutians. It is located 25 miles west of Umnak Island and 40 miles west of the community of Nikolski. A distinctively symmetrical stratovolcano, Cleveland has erupted 11 times since 1893. Its most recent eruption on May 25, 1994 sent a short-lived ash plume to about 35,000 ft altitude. Ash fall from this eruption impacted the north and east flanks of the volcano, and small debris flows may have formed on the southwest flank. On October 20, 1994, AVO identified a possible ash plume on satellite imagery, however, no eruption was confirmed.

AKZ181

Alaska Peninsula

20	1800AST				High Wind (G53)	M
	2200AST					

A moderate front, oriented north northwest - south southeast across the extreme eastern Aleutians, produced moderate southeasterly winds across the Alaska Peninsula. Gusts of 61 mph were briefly recorded at Cold Bay between 6 and 7 pm Tuesday.

Storm Data and Unusual Weather Phenomena

February 2001

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

AKZ185

Eastern Aleutians

22	0900AST				0	0		High Wind (G68) ^M
23	0300AST							

A moderate front, approaching the eastern Aleutians and Alaska Peninsula from the south, was preceded by brisk easterly winds. Local gusts of 78 mph were reported at the Dutch Harbor airport by the observer on duty.

AKZ101-125-135

Anchorage Muni To Bird Creek - Wrn P.W. Snd & Kenai Mtns - Sern P.W. Snd

25	0700AST				0	0		High Wind (G80)
26	1700AST							

AKZ125-131-145

Wrn P.W. Snd & Kenai Mtns - Nern P.W. Snd - Susitna Valley

25	0700AST				0	0		Heavy Snow
26	0800AST							

A strong 966 mb low 150 miles south of Chignik, with a frontal system approaching Kodiak Island late Sunday morning, produced strong pre-frontal winds and areas of heavy precipitation along windward sides of the Kenai Peninsula and Prince William Sound. By 3 am Monday, the low had weakened considerably and moved to 100 miles south southwest of McGrath, with the associated frontal system extending into the eastern Alaska Range and southward through Cape Yakataga.

Sitkinak, at the south end of Kodiak Island, recorded wind gusts of 60+ from just after noon Sunday until 6 pm Sunday evening. Peak gusts at the site reached 70 mph a few hours after frontal passage between 4 and 5 pm. Winds at the Augustine C-Man site near the Barren Islands reached 58 mph between 2 and 3pm Sunday as the front approached. Winds at the Kodiak ASOS at the Coast Guard Base peaked at 50 mph between 4 and 5 pm Sunday.

In Western Prince William Sound, east southeast winds briefly reached 61 mph at Portage between 3 and 4pm Sunday. In addition to the winds, moderate snow and occasional blizzard conditions were reported during the late afternoon and early evening. Precipitation changed to rain later in the evening. Significant snowfall was also reported at Whittier.

Around Valdez, in the northeast Prince William Sound area, both Thompson Pass and the city received 22 inches of snow from Sunday afternoon through early Monday.

In southeast Prince William Sound, peak winds reached 56 mph at the Prince William Sound Science Center in Cordova Sunday and 80 mph Monday morning. Winds at the site have been estimated at 15 - 20% below actual winds in the immediate area.

Wind gusts at Glen Alps, along the Anchorage Hillside, of 60+ mph were recorded from 7am Sunday to 5 pm Monday. Peak winds reached 78 mph between 5 and 6am Sunday. Although strong winds continued to descend from higher elevations, by the time windy conditions reached sea level or near sea level, gusts were only in the 40 - 55 mph range. Downslope winds brought high temperatures of 52 degrees to Elmendorf AFB just after noon Monday.

In western Prince William Sound, Grandview received 10 - 12" of snow from Sunday afternoon through Monday morning. Turnagain Pass and Summit Lake also received heavy snows...which changed to rain. Amounts reported were just under warning levels at these sites, however.

In the Susitna Valley, reports received from East Fork Maintenance Camp of DOT mentioned 6 inches of new snow. Typically in cases like this sporadic reports do not reflect highest amounts...which, in this case, likely exceeded the 8 inch/12 hours or less threshold for a heavy snow warning.

AKZ101-125-135-171

Anchorage Muni To Bird Creek - Wrn P.W. Snd & Kenai Mtns - Sern P.W. Snd - Kodiak Peninsula

26	1200AST				0	0		High Wind (G96) ^M
27	0900AST							

AKZ145

Susitna Valley

27	2200AST				0	0		Heavy Snow
28	0500AST							

An intense 950 mb low 240 miles south of Kodiak Island Monday afternoon moved across the Island very early Tuesday, to a position between Iliamna and Sparrevohn AFB later Tuesday. The low weakened rapidly thereafter. Strong winds were observed around the low...mostly along its south semicircle. Strong pressure rises accompanied passage of the low as it moved north northwest through Kodiak Island into the southwest Alaskan interior.

The front associated with the low moved north into Prince William Sound and across Turnagain Arm very early Tuesday, weakening in a long arc through the central Alaskan Interior Tuesday afternoon. Strong easterly winds preceded the front, while gusty south winds followed it.

Around Kodiak Island, pre-frontal northeast winds first reached 60+ mph around noon Monday, peaking at 70 mph at Sitkinak with frontal passage around 6 pm. Winds briefly diminished and directions switched to the southeast after frontal passage...however winds rapidly increased on the back side of the low, with gusts of 61 mph reported through 6 am Tuesday. Heavy pre-frontal precipitation was recorded at the Kodiak ASOS, along with peak northeast wind gusts of 48 mph between 6 and 7 pm Monday. Gusts at the Augustine C-Man site, probably indicative of Afognak and Cape Douglas winds, peaked at 76 mph from the northeast between 10 and 11 pm Monday. The low

Storm Data and Unusual Weather Phenomena

February 2001

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

appears to have tracked very close to Augustine Island between 9 and 10 am Tuesday on its way north northwest into the mainland.

Pre-frontal winds at Middleton Island peaked at 62 mph between 8:55 pm and 9:15 pm Monday. Winds of 60+ at the site were observed from 7:15 pm to 9:15 pm Monday. Gusts at the Prince William Sound Science Center peaked at 80 mph early Tuesday. Winds in the Cordova area diminished below 60+ by 9 am Tuesday. In the western part of Prince William Sound, gusts of 60+ mph were recorded at Portage from 5:10 pm through 8:53 pm Monday, well in advance of the front. Alyeska Ski Resort recorded a 90 mph gust at the 3300' level of the mountain late Monday and early Tuesday.

Winds at a remote site in the Copper River Basin also peaked at just over 60 mph Tuesday, as strong pressure rises moved into the central North Gulf Coast.

Winds along the Upper Anchorage Hillside reached 62 mph briefly between 4 and 5 am Tuesday as the front moved through. High elevation winds at the old Nike site east of Anchorage above Alpenglow reached at least 111 mph between 3 and 4 am with the same front, diminishing to less than 30 mph after 5 am Tuesday.

Winds in the Matanuska Valley area gusted just under 60 mph as the front approached late Monday and into early Tuesday.

Heavy precipitation was also reported throughout Prince William Sound, across the southern Kenai Peninsula coast and Turnagain Arm. Most precipitation across the Kenai Peninsula coast and areas adjacent to Prince William Sound fell as rain. DOT reports indicated 12 inches of new snow at Cascade and 6-8 inches at Moose Pass. At Grandview, an area normally prone to heavy snows with this type of system, 24 hour precipitation totals reached 1.66 inches...however more rain than snow was reported.

Heavy snow was also reported in the northern Susitna Valley with local accumulations in excess of 8 inches in less than a 12 hour period. State DOT also issued a Travel Advisory for blowing/drifted snow and very poor visibilities between MP 190-200 along the Parks Highway early Tuesday.

AMERICAN SAMOA

Tutuila

Countywide	14	1400SST 2000SST		0	0		Urban/Sml Stream Fld
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An active trough of low pressure southwest of Samoa occasionally spread heavy showers over Tutuila w in the last 36 hours with heavier showers occurring from 2 PM to 8 PM Wednesday February 14, 2001. These heavy showers caused minor flooding of streams and low lying areas along the roadways due to both havy showers and heavy runoffs. No major damages were reported apart from debris washed onto the roads public parks.

ARIZONA, Central and Northeast

AZZ004-013>014-017 Kaibab Plateau - Little Colorado River Valley In Navajo County - Little Colorado River Valley In Apache County - White Mountains

07	1000MST 1800MST		0	0		High Wind (G52) ^M
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Strong southwest wind developed across northern Arizona in advance of a strong winter storm. Some of the highest reported wind gusts were 46 MPH at Winslow , 52 MPH at St Johns , 60 MPH at the Rainbow RAWS (5 miles north of White River) , and 58 MPH at the Houserock RAWS.

AZZ017 White Mountains

08	0000MST 1800MST		0	0		Heavy Snow
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Heavy snow fell in the White Mountains from early morning through the afternoon. Ten inches of snow was reported in the town of Greer and a foot of snow fell at Sunrise Park Ski resort.

AZZ008-015>016-018-037>038 Yavapai County Mountains - Western Mogollon Rim - Eastern Mogollon Rim - Northern Gila County - Yavapai County Valleys And Basins - Oak Creek And Sycamore Canyons

13	1600MST		0	0		Winter Storm
14	2200MST					

A winter storm produced wide spread snowfall across northern Arizona during the afternoon of the 13th through the morning of St. Valentines Day. Some of the snowfall totals were: 11 inches in Bellemont, 8 inches in Chino Valley, 4 inches in Crown King, 12 to 17 inches in Flagstaff , 9 inches in Munds Park , 8 to 10 inches in Pine, 6 to 10 inches in Prescott, 10 inches at Sunset Crater, 12 inches in Walnut Canyon, 7 inches in Doney Park, 8 inches in Williams, and 12 inches in Happy Jack .

ARIZONA, Northwest

AZZ003

Northwest Deserts

19	0830PST		0	0	20K	High Wind (G40)
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High winds caused an accident on Interstate 40 near Kingman, AZ. A truck towing a trailer lost control causing the trailer to flip. The trailer was demolished and its contents was strewn across the highway closing several lanes for about an hour.

ARIZONA, South

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>ARIZONA, South</u>							
<u>ARIZONA, Southwest</u>							
AZZ024			Southern Gila/Tonto Nf Foothills				
	08	0800MST			0	0	Heavy Snow
		1100MST					
	Snow was falling at the rate of an inch per hour near Globe. Two to three inches covered the ground in parts of southern Gila County. Highway 60 east of Superior was closed for a short time due to snow and traffic accidents.						
Yuma County							
Yuma to Somerton	27	1750MST			0	0	Urban/Sml Stream Fld
		1930MST					
	Thunderstorms moved through the city of Yuma with small hail, high winds and locally heavy rain. Roads and streets in some areas had to be closed due to the standing or running water. One spotter reported major street flooding with water up to 8 inches deep in the Yuma Foothills area.						
Maricopa County							
10 S Phoenix	28	1343MST			0	0	Funnel Cloud
	Funnel cloud reported over 32nd Street and Pecos quickly dissipated.						
<u>ARKANSAS, Central and North Central</u>							
Scott County							
Mansfield	09	0535CST			0	0	Thunderstorm Wind (G50)
	Thunderstorm winds downed some large tree limbs in Mansfield.						
Logan County							
Booneville	09	0545CST			0	0	Thunderstorm Wind (G50)
	Thunderstorm winds damaged the roof of a chicken house just south of Booneville.						
Logan County							
Scranton	09	0615CST			0	0	Thunderstorm Wind (G50)
	Thunderstorm winds downed trees near Scranton.						
Newton County							
7 S Jasper	09	0618CST			0	0	Thunderstorm Wind (G50)
	Thunderstorm winds knocked down some trees about 7 miles south of Jasper.						
Newton County							
10 E Jasper	09	0621CST			0	0	Thunderstorm Wind (G50)
	Thunderstorm winds blew down a few trees about 10 miles east of Jasper.						
Logan County							
Prairie View	09	0635CST			0	0	Thunderstorm Wind (G50)
	Thunderstorm winds knocked down some trees near Prairie View.						
Boone County							
Harrison	09	0640CST			0	0	Thunderstorm Wind (G50)
	Thunderstorm winds downed trees in and around Harrison.						
Marion County							
Yellville	09	0705CST			0	0	Thunderstorm Wind (G50)
	Thunderstorm winds downed a few large tree limbs in Yellville.						
Searcy County							
St Joe	09	0710CST			0	0	Thunderstorm Wind (G50)
	Thunderstorm winds blew down some power lines in St. Joe.						
Searcy County							
Oxley	09	0740CST			0	0	Thunderstorm Wind (G50)
	Thunderstorm winds downed power lines at Oxley.						
Pulaski County							
Countywide	13	1600CST			0	0	5K
		1900CST					Flash Flood

Storm Data and Unusual Weather Phenomena

February 2001

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



High water problems were noted along Valentine Road just south of Jacksonville (Pulaski County) in mid-February, 2001.

Moderate to heavy rainfall fell across Pulaski County and caused flooding over many parts of the county. Several houses were flooded and a number of roads were also covered by high water for a period of time.

Lonoke County

2 NW Lonoke

14	1730CST								
	2000CST			0	0	2K			Flash Flood

Heavy rainfall over Lonoke County resulted in flash flooding along Highway 89 between Lonoke and Furlow.

White County

Countywide

14	2150CST								
	0200CST			0	0	10K			Flash Flood

Prolonged heavy rains occurred over much of White County, resulting in widespread flooding across the county. Numerous roads and poor drainage areas were covered by high water for several hours.

Pope County

East Portion

16	0625CST								
	0900CST			0	0				Flash Flood

Five to seven inches of rain was common over much of central and southern Arkansas from 02/13/2001 to 02/17/01. During the morning hours of 02/16/2001, excessive rain caused flooding of some roadways in eastern Pope County...mainly from Hector to around Russellville.

Polk County

Countywide

16	0800CST								
	0930CST			0	0				Flash Flood

Five to seven inches of rain was common over much of central and southern Arkansas from 02/13/2001 to 02/17/01. During the morning hours of 02/16/2001, excessive rain caused flooding of some roadways in Polk County.

Faulkner County

South Portion

16	0840CST								
	1130CST			0	0				Flash Flood

Hot Spring County

Countywide

16	0840CST								
	1130CST			0	0				Flash Flood

Pulaski County

Countywide

16	0840CST								
	1130CST			0	0				Flash Flood

Five to seven inches of rain was common over much of central and southern Arkansas from 02/13/2001 to 02/17/01. During the morning hours of 02/16/2001, excessive rain caused flooding of some roadways in southern Faulkner, Hot Spring and Pulaski Counties. In some cases, roads had to be barricaded to prevent traffic from driving through high water.

Clark County

Countywide

16	0900CST								
	1130CST			0	0				Flash Flood

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>ARKANSAS, Central and North Central</u>							
Ouachita County							
Countywide	16	0900CST 1130CST			0 0		Flash Flood
Prairie County							
Countywide	16	0900CST 1130CST			0 0		Flash Flood
White County							
Countywide	16	0900CST 1130CST			0 0		Flash Flood
Five to seven inches of rain was common over much of central and southern Arkansas from 02/13/2001 to 02/17/01. During the morning hours of 02/16/2001, excessive rain caused flooding of some roadways in Clark, Ouachita, Prairie and White Counties. Some county roads were partially washed away.							
Jefferson County							
Countywide	16	0930CST 1300CST			0 0		Flash Flood
Five to seven inches of rain was common over much of central and southern Arkansas from 02/13/2001 to 02/17/01. During the morning and early afternoon hours of 02/16/2001, excessive rain caused flooding of some roadways in Jefferson County. In some cases, roads had to be barricaded to prevent traffic from driving through high water.							
Drew County							
Countywide	16	1300CST			0 0		Flash Flood
Five to seven inches of rain was common over much of central and southern Arkansas from 02/13/2001 to 02/17/01. During the afternoon hours of 02/16/2001, excessive rain caused flooding of some roadways in Drew County. In some cases, roads had to be barricaded to prevent traffic from driving through high water.							
Boone County							
Harrison Arpt	21	1705CST			0 0		Hail (0.75)
Dime size hail covered the ground at the Harrison Airport.							
Conway County							
Cleveland	21	1730CST			0 0		Hail (0.75)
Van Buren County							
1 S Clinton	21	1735CST			0 0		Hail (0.75)
Baxter County							
Norfolk	21	1928CST			0 0		Hail (1.00)
Polk County							
Mena	24	1410CST			0 0		Hail (0.88)
Logan County							
Ratcliff	24	1410CST			0 0		Thunderstorm Wind (G50)
Thunderstorm winds downed some trees at Ratcliff.							
Scott County							
2 W Boles	24	1420CST			0 0		Thunderstorm Wind (G50)
Thunderstorm winds blew a metal door off of its tracks and a roof off of a barn about 2 miles west of Boles.							
Polk County							
4 E Ink	24	1435CST			0 0		Hail (1.75)
Johnson County							
Coal Hill	24	1435CST			0 0		Thunderstorm Wind (G57)
Thunderstorm wind gusts were estimated around 65 mph at Coal Hill. A mobile home was damaged by the winds in town.							
Scott County							
Harvey	24	1450CST			0 0		Hail (0.75)
Hot Spring County							
5 E Malvern	24	1500CST			0 0		Hail (0.75)
Pike County							
New Hope	24	1505CST			0 0		Hail (0.88)
Newton County							
Deer	24	1515CST			0 0		Thunderstorm Wind (G50)
Thunderstorm winds tore a roof from a trailer and downed trees around Deer.							
Yell County							
Danville	24	1530CST			0 0		Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

February 2001

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

Thunderstorm winds damage a few roofs at homes in and around Danville.

Saline County

2.5 ESE Vimy Ridge to 4 E Vimy Ridge	24	1531CST 1534CST	2	200	0	0	Tornado (F2)
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A strong tornado developed about 2.5 miles east of Vimy Ridge in southeast Saline County. The tornado moved quickly northeast, and caused mostly tree damage. The tornado travelled about 2 miles before moving into Pulaski County.

Pulaski County

7.5 W Wrightsville to 5.5 E Little Rock	24	1534CST 1546CST	12.3	200	0	8	Tornado (F2)
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A house was destroyed by an F2 tornado in College Station (Pulaski County) on 02/24/2001. The house had been rebuilt after the March 1, 1997 Arkansas Tornado Outbreak.

A strong tornado moved from southeast Saline County into southwest Pulaski County about 7.5 miles west of Wrightsville. The tornado moved quickly northeast, and closely followed the track of a violent tornado on March 1, 1997. In fact, a few homes and buildings that were rebuilt after the March 1st event were destroyed during this latest event. The tornado affected much of southern Pulaski County, including the Sweet Home and College Station communities. Several houses and mobile homes were damaged or destroyed, including a church. Eight people suffered minor injuries. Trees and power lines were also downed. The tornado was on the ground about 12.3 miles before dissipating about 5.5 miles east of Little Rock.

Montgomery County

Joplin	24	1540CST			0	0	Hail (1.25)
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Searcy County

Witts Spgs	24	1540CST			0	0	Hail (0.75)
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Pope County

Russellville	24	1550CST			0	0	Thunderstorm Wind (G50)
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Thunderstorm winds damaged some roofs at homes in and around Russellville.

Pulaski County

1.6 WSW Galloway to 1.1 N Galloway	24	1550CST 1553CST	2.2	85	0	0	Tornado (F1)
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A weak tornado was spawned in eastern Pulaski County about 1.6 miles west-southwest of Galloway. The tornado moved quickly northeast, and damaged the roofs of a few buildings. A small mobile home was also destroyed and was thrown against the corner of a local business. Trees and power lines were also downed. The tornado was on the ground only about 2.2 miles, and dissipated just over 1 mile north of Galloway.

Garland County

5 N Royal	24	1555CST			0	0	Hail (0.75)
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Van Buren County

Chimes	24	1555CST			0	0	Thunderstorm Wind (G50)
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Thunderstorm winds heavily damaged a barn near Chimes.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s	Injured	Estimated Damage Property Crops	Character of Storm
<u>ARKANSAS, Central and North Central</u>								
Searcy County								
Leslie	24	1600CST			0	0		Hail (0.88)
Perry County								
Hollis	24	1600CST			0	0		Hail (0.88)
Searcy County								
Leslie	24	1600CST			0	0		Thunderstorm Wind (G50)
Thunderstorm winds damaged a barn and downed trees at Leslie.								
Lonoke County								
1.8 SE Cabot to 2.5 ENE Ward	24	1606CST 1613CST	7.5	300	0	0		Tornado (F2)
A strong tornado was spawned in northern Lonoke County about 1.8 miles southeast of Cabot. The tornado moved quickly northeast, and caused damage at several homes and businesses in areas just east of Cabot and Ward and in the Old Austin community. In addition, there were a few mobile homes, barns and sheds destroyed. Trees and power lines were also downed. The tornado travelled about 7.5 miles before heading into White County.								
White County								
2.5 SSW Beebe to 2 SSW Beebe	24	1613CST 1614CST	0.5	300	0	0		Tornado (F2)
A strong tornado moved from northern Lonoke County into southern White County about 2.5 miles south-southwest of Beebe. The tornado was only on the ground about half a mile before dissipating 2 miles south-southwest of Beebe. The tornado caused mostly tree damage.								
White County								
2 S Beebe to 1.5 E Mc Rae	24	1614CST 1621CST	7	100	0	0		Tornado (F1)
A weak tornado was spawned in southern White County about 2 miles south of Beebe. The tornado moved quickly northeast, and badly damaged several mobile homes. Roofs were also damaged at a couple of homes, with trees downed. The tornado travelled about 7 miles before dissipating about 1.5 miles east of McRae.								
Stone County								
Fifty Six	24	1615CST			0	0		Thunderstorm Wind (G50)
Thunderstorm winds downed trees near Fifty Six.								
Baxter County								
Mountain Home	24	1615CST			0	0		Thunderstorm Wind (G50)
Thunderstorm winds damaged a few roofs at homes in and around Mountain Home.								
Lonoke County								
2.5 WSW Lonoke to 6.8 NE Lonoke	24	1621CST 1631CST	9	60	0	3		Tornado (F1)



A mobile home was destroyed by an F2 tornado on the west side of Lonoke (Lonoke County) on 02/24/2001. Three people were injured, including a baby who suffered a broken arm.

A weak tornado was spawned in central Lonoke County about 2.5 miles west-southwest of Lonoke. The tornado moved quickly northeast

Storm Data and Unusual Weather Phenomena

February 2001

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

and destroyed a mobile home on the west side of Lonoke. Three people in the mobile home were injured, including a baby who suffered a broken arm. The tornado also downed trees and power lines. The tornado travelled about 9 miles before dissipating about 6.8 miles northeast of Lonoke.

White County

.2 SW Higginson to
.3 NE Kensett

24	1627CST 1632CST	3.5	40	0	0		Tornado (F1)
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A restaurant was destroyed by an F1 tornado in Kensett (White County) on 02/24/2001. Insulation from the building was strewn through the tree in the background.

A weak tornado was spawned in central White County just southwest of Higginson. The tornado moved quickly northeast, and damaged the roofs at a few homes in Higginson. The tornado also overturned a travel trailer in town. Farther northeast, the tornado heavily damaged a restaurant in Kensett, with roof damage at a local car wash and at the post office. Trees and power lines were also downed. The tornado travelled about 3.5 miles before dissipating just north of Kensett.

Conway County

Cleveland

24	1630CST			0	0		Hail (0.75)
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Izard County

Calico Rock

24	1630CST			0	0		Hail (0.88)
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Perry County

Perryville

24	1630CST			0	0		Thunderstorm Wind (G50)
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Thunderstorm winds damaged a few roofs at homes in Perryville.

Izard County

Calico Rock

24	1630CST			0	0		Thunderstorm Wind (G50)
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Thunderstorm winds blew down some trees near Calico Rock.

Fulton County

3 W Union to
3.8 SW Salem

24	1646CST 1655CST	8	300	1	3		Tornado (F2)
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Storm Data and Unusual Weather Phenomena

February 2001

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



A trailer was destroyed by an F2 tornado about 5 miles southwest of Salem (Fulton County) on 02/24/2001. Three people were injured, with an eighteen month old boy killed.

A strong tornado was spawned in southern Fulton County about 3 miles west of Union. The tornado moved quickly northeast, and caused considerable damage. Roofs were damaged at several homes, with a dairy barn heavily damaged. Three mobile homes were destroyed. In one of the mobile homes about 5.5 miles southwest of Salem, four people were injured. An 18 month old boy died from his injuries the next day after being transported to a hospital in Little Rock. There was extensive tree damage, with many cedar trees twisted or downed. The tornado travelled about 8 miles before dissipating 3.8 miles southwest of Salem.

M2MH

Independence County

Sulphur Rock	24	1700CST					Hail (0.75)
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Faulkner County

Conway	24	1700CST					Thunderstorm Wind (G50)
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Thunderstorm winds damaged some roofs at homes in Conway.

Saline County

Benton	24	1715CST					Hail (1.75)
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Saline County

1 S Bryant	24	1720CST					Hail (0.75)
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Saline County

Collegeville	24	1720CST					Hail (0.75)
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Jackson County

Swifton	24	1720CST					Thunderstorm Wind (G50)
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Thunderstorm winds knocked down some trees at Swifton.

Jackson County

Tuckerman	24	1720CST					Thunderstorm Wind (G50)
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Thunderstorm winds downed some trees at Tuckerman.

Faulkner County

Vilonia	24	1730CST					Hail (0.75)
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Pulaski County

North Little Rock	24	1730CST					Hail (0.75)
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Saline County

East End	24	1730CST					Thunderstorm Wind (G50)
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Thunderstorm winds caused some structural damage at a home and downed trees near East End.

Pulaski County

Little Rock	24	1731CST					Hail (0.88)
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Storm Data and Unusual Weather Phenomena

February 2001

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

Stone County

Timbo	24	1734CST			0	0	Thunderstorm Wind (G50)
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Thunderstorm winds downed a few large tree limbs at Timbo.

Jackson County

1.6 E Amagon to 2 E Grubbs	24	1734CST 1741CST	7	200	0	0	Tornado (F2)
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A strong tornado was spawned in eastern Jackson County about 1.6 miles east of Amagon. The tornado moved quickly northeast, and heavily damaged a mobile home. The tornado downed a tree onto another mobile home, and damaged or destroyed several sheds, carports and outbuildings. Also, there was some minor roof damage at a few homes. Trees and power lines were also downed. The tornado travelled about 7 miles before exiting Jackson County about 2 miles east of Grubbs. The tornado moved into Poinsett County, which is in the Memphis County Warning Area.

Pulaski County

North Little Rock	24	1735CST			0	0	Hail (0.75)
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Pulaski County

7 S Little Rock	24	1740CST			0	0	Hail (0.75)
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Drew County

6 SW Selma to 2.7 WNW Selma	24	1743CST 1749CST	5.5	100	0	1	Tornado (F1)
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A weak tornado was spawned in northeast Drew County about 6 miles southwest of Selma. The tornado moved quickly northeast, and badly damaged a home. A house trailer was also damaged. Roofs were damaged at a few homes, and many trees were uprooted or snapped. There was one minor injury reported. The tornado travelled about 5.5 miles before dissipating 2.7 miles west-northwest of Selma.

Pulaski County

Jacksonville	24	1744CST			0	0	Hail (0.75)
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Lonoke County

Cabot	24	1745CST			0	0	Hail (0.75)
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Lonoke County

Lonoke	24	1800CST			0	0	Hail (1.75)
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Jefferson County

Pine Bluff	24	1800CST			0	0	Thunderstorm Wind (G50)
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Thunderstorm winds damaged some roofs at homes in Pine Bluff.

Independence County

Batesville	24	1800CST			0	0	Thunderstorm Wind (G50)
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Thunderstorm winds damaged roofs at several homes in and near Batesville.

Desha County

1 SSW Reed to 5 NE Snow Lake	24	1801CST 1845CST	42	300	0	0	Tornado (F3)
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Storm Data and Unusual Weather Phenomena

February 2001

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



A fairly new pickup truck was mangled by an F3 tornado about 4 miles southwest of Kelso (Desha County) on 02/24/2001. The truck was near a large farm shop that was destroyed...with parts of the shop found 6 miles away.

A strong tornado was spawned in western Desha County about 1 mile south-southwest of Reed. The tornado moved quickly northeast, and destroyed a mobile home. Roofs were damaged at several homes. In addition, the tornado rolled a 500 gallon butane tank, damaged or destroyed metal barns and sheds and knocked hundreds of trees down near the Arkansas River levee southeast of Yancopin. Perhaps the most damage was found just west of Kelso. There, a large metal farm shop was destroyed with parts of the shop found more than 6 miles away. Near the shop, there were grain carts thrown at least a third of a mile. A large combine and several truck tractors were destroyed. One tractor trailer was overturned. Also near the shop, a pickup truck was mangled with several large farm implements thrown, overturned or destroyed. The tornado travelled about 42 miles before dissipating 5 miles northeast of Snow Lake.

Prairie County

Hickory Plains

24	1805CST				0	0	Hail (0.88)
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Lonoke County

**.8 S Allport to
.8 NE Humnoke**

24	1813CST 1817CST	2.7	100		0	0	Tornado (F1)
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A weak tornado was spawned in southern Lonoke County about 0.8 mile south of Allport. The tornado moved quickly northeast, and uprooted a number of trees. The tornado also overturned a few sheds and removed roof shingles from several homes and businesses. The tornado travelled roughly 2.7 miles before dissipating 0.8 mile northeast of Humnoke.

White County

Griffithville

24	1815CST				0	0	Hail (0.75)
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Prairie County

**3 NW Slovak to
1 SE De Valls Bluff**

24	1825CST 1839CST	12.7	200		0	0	Tornado (F2)
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Storm Data and Unusual Weather Phenomena

February 2001

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



Transmission towers were mangled by an F2 tornado about 3 miles southwest of DeValls Bluff (Prairie County) on 02/24/2001.

A strong tornado was spawned in southwest Prairie County about 3 miles northwest of Slovak. The tornado moved quickly northeast, and destroyed several metal farm shops and an outbuilding. The tornado also tipped over a recreational vehicle, removed tin from barns and sheds, and removed roof shingles from a few homes. Finally, at least a half dozen transmission towers were damaged, some heavily. The tornado travelled about 12.7 miles before dissipating 1 mile southeast of DeValls Bluff.

Prairie County

Fairmont	24	1835CST			0	0	Thunderstorm Wind (G52) ^M
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A thunderstorm wind gust of 60 mph was measured at the Stuttgart Airport near Fairmont.

Desha County

1.1 N Snow Lake to 4 NNE Snow Lake	24	1842CST 1845CST	3	200	0	0	Tornado (F2)
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A strong tornado was spawned in northeast Desha County close to a mile north of Snow Lake. The tornado moved quickly northeast and snapped off a number of trees. The tornado also damaged several irrigation systems. The tornado travelled roughly 3 miles before exiting Desha County about 4 miles north-northeast of Snow Lake. The tornado moved into Phillips County which is in the Memphis County Warning Area.

Monroe County

Brinkley	24	1845CST			0	0	Thunderstorm Wind (G50)
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Thunderstorm winds blew down a few road signs in and around Brinkley.

Woodruff County

Cotton Plant	24	1845CST			0	0	Thunderstorm Wind (G50)
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Thunderstorm winds downed several trees near Cotton Plant.

ARKANSAS, East

Craighead County

Jonesboro	14	0300CST			0	0	Flash Flood
	15	1200CST					

Four inches of rain in a short period of time caused flood waters to reach many houses in Jonesboro with about 100 people forced to evacuate. Several roads were closed in the city.

Craighead County

7 W Jonesboro to Jonesboro	24	1800CST 1815CST			0	0	Thunderstorm Wind (G55)
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A few homes were damaged. Several building on the Arkansas State University campus were damaged. A barn and an unoccupied mobile home were also damaged. Several trees were blown down.

Cross County

Hickory Ridge	24	1835CST 1840CST			0	0	Thunderstorm Wind
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Some power lines were blown down.

Storm Data and Unusual Weather Phenomena

February 2001

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

Phillips County

6 SW Mosby Spur to Mosby Spur	24	1845CST	6	100	0 2	50K	Tornado (F2)
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This mobile home was located .3 miles WSW of Mosby. The mobile home was not occupied and was used for storage.

The tornado moved into the southeast corner of Phillips county from northern Desha county. The tornado struck several mobile homes just southwest of Mosby. Two mobile homes and a farm shop were destroyed. Two people from one of the mobile homes were injured.

Poinsett County

Pitts	24	1850CST 1855CST			0 0	20K	Thunderstorm Wind
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Four mobile homes were overturned. A few trees were knocked down.

Craighead County

Bay	24	1853CST 1900CST			0 0	0.01K	Hail (0.75)
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Clay County

Countywide	24	1915CST 1925CST			0 0	20K	Thunderstorm Wind
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Some trees, power lines and power poles were knocked down.

Cross County

Cherry Vly	24	1915CST 1920CST			0 0	1K	Thunderstorm Wind
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One large tree was blown down.

Craighead County

Lake City	24	1920CST 1925CST			0 0	25K	Thunderstorm Wind
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Some warehouses were damaged. Many trees and power lines were blown down.

Greene County

Countywide	24	1920CST 1930CST			0 0	10K	Thunderstorm Wind
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Several trees were blown down across the county.

Poinsett County

6 E Lepanto	24	1945CST 1950CST			0 0	0.01K	Hail (0.75)
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Crittenden County

West Memphis	24	1950CST 1955CST			0 0	5K	Thunderstorm Wind
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Some power lines were knocked down.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
ARKANSAS, Northwest							
Benton County							
1 W Gentry	09	0420CST			0 0	5K	Thunderstorm Wind
Thunderstorm winds blew the roof off a barn.							
Washington County							
2 E Cincinnati	09	0434CST			0 0	5K	Thunderstorm Wind
Thunderstorm winds blew a small shed over.							
Sebastian County							
Ft Smith	09	0450CST			0 0	0.50K	Thunderstorm Wind
Thunderstorm winds blew down several signs.							
Carroll County							
Eureka Spgs	09	0515CST			0 0	0.10K	Thunderstorm Wind
Thunderstorm winds blew trees down.							
Franklin County							
Cecil	09	0530CST			0 0	0.10K	Thunderstorm Wind
Thunderstorm winds blew down several large tree limbs.							
Madison County							
Kingston	09	0545CST			0 0	0.10K	Thunderstorm Wind
Thunderstorm winds blew down several large tree limbs.							
Sebastian County							
Witcherville	09	0545CST			0 0	0.10K	Thunderstorm Wind
Thunderstorm winds blew down large tree limbs.							
Benton County							
Maysville	21	1528CST			0 0		Hail (1.75)
Benton County							
Gravette	21	1535CST			0 0		Hail (0.75)
Benton County							
2 N Maysville	21	1652CST			0 0		Hail (1.00)
Benton County							
Sulphur Spgs	21	1700CST			0 0		Hail (0.75)
Sebastian County							
Slaytonville	24	1327CST			0 0		Thunderstorm Wind (G52)
Benton County							
2 E Gentry	24	1330CST			0 0	0.10K	Thunderstorm Wind
Thunderstorm winds blew down large tree limbs.							
Crawford County							
2 NE Mountainburg	24	1330CST			0 0		Thunderstorm Wind (G52)
Washington County							
Farmington	24	1330CST			0 0		Hail (0.88)
Washington County							
West Fork	24	1330CST			0 0		Hail (0.88)
Washington County							
Fayetteville	24	1332CST			0 0	10K	Thunderstorm Wind
Thunderstorm winds blew down a tree which damaged three cars.							
Benton County							
Bentonville	24	1345CST			0 0	0.10K	Thunderstorm Wind
Thunderstorm winds blew trees down.							
Benton County							
Wareagle	24	1345CST			0 0	0.50K	Thunderstorm Wind
Thunderstorm winds blew down trees and power lines.							
Washington County							
2 E Spring Vly	24	1345CST			0 0	0.50K	Thunderstorm Wind
Thunderstorm winds blew down power lines.							
Washington County							
2 SE Sulphur City	24	1345CST			0 0	0.10K	Thunderstorm Wind
Thunderstorm winds blew down trees.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>ARKANSAS, Northwest</u>							
Carroll County							
Eureka Spgs	24	1355CST			0 0	0.10K	Thunderstorm Wind
							Thunderstorm winds blew down trees.
Madison County							
Clifty	24	1400CST			0 0	0.10K	Thunderstorm Wind
							Thunderstorm winds blew down trees.
Franklin County							
8 NNW Ozark	24	1407CST			0 0		Hail (1.00)
Benton County							
5 N Gentry	24	1450CST			0 0		Flash Flood
							Heavy thunderstorm rains caused a road near the intersection of Highway 43 and Highway 102 to be flooded.
Benton County							
Healing Spgs	24	1450CST			0 0		Flash Flood
							Heavy thunderstorm rains cause a stream to flow over Highway 264. Other roads in the area were flooded as well.
Washington County							
Fayetteville	24	1450CST			0 0		Flash Flood
							Heavy thunderstorm rains caused a stream to flow over a bridge.
Franklin County							
Charleston	24	1530CST			0 0		Flash Flood
							Heavy thunderstorm rains caused street flooding.
Madison County							
Huntsville	24	1530CST			0 0		Flash Flood
							Heavy thunderstorm rains caused street flooding.
ARZ029							
							Sebastian
	24	1600CST			0 0		Flood
	25	2200CST					
							The Arkansas River near Van Buren rose above its flood stage of 22 feet during the afternoon hours on February 24. The river crested at 23.6 feet during the morning hours on February 25 before falling below the flood stage during the evening hours on February 25.
<u>ARKANSAS, Southeast</u>							
Ashley County							
1 N Montrose to 1.5 NE Montrose	24	1810CST	0.5	200	0 0	1K	Tornado (F0)
							A tornado was seen on the ground over open country. This F0 tornado only stayed on the ground for a few minutes and did not hit any structures.
Chicot County							
2 W Lake Vlg to 1.5 W Lake Vlg	24	1830CST	0.5	200	0 0	1K	Tornado (F0)
							An F0 tornado was sited on the ground briefly in open country.
Chicot County							
7 N Lake Vlg	24	1845CST			0 0	8K	Thunderstorm Wind
							A few buildings sustained minor roof damage. Several trees and power lines were blown down.
Chicot County							
Bellaire	24	1850CST			0 0		Hail (0.75)
<u>ARKANSAS, Southwest</u>							
Miller County							
Texarkana	16	0700CST			0 0		Flash Flood
							CR 156 closed due to flooding. Hwy 157, 28, 19, 440 and SH 237 closed due to flash flooding.
Howard County							
Umpire	24	1500CST			0 0		Hail (0.75)
Miller County							
Genoa	24	1640CST			0 0		Hail (1.00)
Miller County							
Texarkana	27	1615CST			0 0		Flash Flood
							Many roads and county roads closed due to flash flooding.
Lafayette County							
Lewisville	27	1635CST			0 0		Flash Flood
							Many roads and country roads closed due to flooding.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>ARKANSAS, Southwest</u>							
Columbia County							
Magnolia	27	2215CST			0 0		Flash Flood
							CR 122 and 258 flooded and impassable.
Lafayette County							
Lewisville	27	2215CST			0 0		Flash Flood
							Fuller Mill Road closed due to flooding.
Miller County							
Texarkana	27	2230CST			0 0		Flash Flood
							CR 29, 7, 372, 47 closed due to flooding.
Union County							
Newell	27	2330CST			0 0		Flash Flood
							Flooding across Hwy 15 closing the road.
<u>CALIFORNIA, Extreme Southeast</u>							
Imperial County							
El Centro to Seeley	27	1530PST 1614PST			0 0		Tstm Wind/Hail
							Thunderstorms moved through much of central Imperial County producing small hail and high winds. El Centro received half-inch diameter hail that covered the ground in places.
<u>CALIFORNIA, North Central</u>							
CAZ015>016-018	Northern Sacramento Valley - Central Sacramento Valley - Carquinez Strait And Delta						
	07	0935PST 1600PST			0 0	15K	High Wind (G41) ^M
							South winds exceeded 40 mph and were responsible for blowing down an illuminated Taco Bell sign and fence in Willows.
CAZ013>015- 063>064-066>069	Shasta Lake/North Shasta County - Burney Basin/Eastern Shasta County - Northern Sacramento Valley - Mountains Southwest Shasta County To Northern Lake County - Clear Lake/Southern Lake County - Northeast Foothills/Sacramento Valley - Motherlode/Camptownville To Groveland - Mt Shasta/Western Plumas County - West Slope Northern Sierra Nevada						
	09 12	0400PST 1600PST			0 0		Winter Storm
							A cold, prolonged winter storm dumped heavy snow down to the 1500 foot level. Lighter snow fell down to 500 feet. Highways 50 and 88, and Interstate 80 all were temporarily closed due to the heavy snow. Avalanche potential was at its highest level. PG&E reported about 3000 homes were affected by power outages. One to two feet of snow was common below 3000 feet, while the higher terrain measured up to six feet in 72 hours.
CAZ068>069	Mt Shasta/Western Plumas County - West Slope Northern Sierra Nevada						
	18 20	0400PST 0400PST			0 0		Heavy Snow
							One to two feet of snow was measured in a 48 hour period above 7000 feet.
Sacramento County							
10 N Sacramento to Sacramento	19	0400PST 0404PST			0 0		Funnel Cloud
							A funnel cloud developed along Interstate 80, just north of Downtown. It dissipated within 5 minutes.
CAZ013>014-068>069	Shasta Lake/North Shasta County - Burney Basin/Eastern Shasta County - Mt Shasta/Western Plumas County - West Slope Northern Sierra Nevada						
	21 22	0145PST 1530PST			0 0		Heavy Snow
							One to two feet of snow was measured above 7000 feet.
Shasta County							
Redding Muni Arpt	22	0400PST 0403PST			0 0		Funnel Cloud
							A funnel cloud developed over the Redding Municipal Airport. It dissipated in 2 to 3 minutes.
Tehama County							
Red Bluff	22	1340PST 1345PST			0 0		Hail (1.00)
							One inch hail was reported in Red Bluff.
Butte County							
Oroville	22	1522PST 1527PST			0 0		Hail (1.00)
							One inch was reported in Oroville.

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<u>CALIFORNIA, North Central</u>							
Tehama County							
10 S Red Bluff	22	1532PST			0 0		Hail (1.00)
							One inch hail was reported in Los Malinos.
Butte County							
Chico	22	1627PST 1632PST			0 0		Hail (1.00)
							One inch hail was reported in Chico.
Butte County							
10 N Paradise	22	1631PST 1636PST			0 0		Hail (1.00)
							One inch hail was reported in Magalia.
Butte County							
Oroville	22	1642PST 1647PST			0 0		Hail (1.00)
							One inch hail was reported in Oroville.
Butte County							
30 SE Paradise	22	1658PST 1703PST			0 0		Hail (1.00)
							One inch hail was reported in Brush Creek.
CAZ017-019			Southern Sacramento Valley - Northern San Joaquin Valley				
	24	1030PST 1514PST			0 0		High Wind (G41) ^M
							South winds accelerated to just over 40 mph.
<u>CALIFORNIA, Northeast</u>							
CAZ071			Lassen/Eastern Plumas/Eastern Sierra				
	06	1125PST 1425PST			0 0		Heavy Snow
							4.5 inches of snow reported by a spotter in Janesville, CA.
CAZ071			Lassen/Eastern Plumas/Eastern Sierra				
	06	1335PST 1935PST			0 0		Heavy Snow
							5.5 inches of snow in 6 hours reported by a spotter in Janesville, CA.
CAZ073			Mono				
	06	1550PST			0 0		High Wind (G54) ^M
							High wind gust to 54 kts at Crowley Lake, CA reported by spotter.
CAZ071			Lassen/Eastern Plumas/Eastern Sierra				
	06	1550PST 2050PST			0 0		Heavy Snow
							Spotter reported 4 inches of snow in 5 hours at Doyle, CA.
CAZ073			Mono				
	06	1630PST			0 1	300K	High Wind (G54)
							Tractor trailer was blown over by high wind near Crowley Lake, CA. The driver was injured and needed to be extracted from the cab. The tractor trailer was totaled.
CAZ071			Lassen/Eastern Plumas/Eastern Sierra				
	08	1925PST			0 0		Heavy Snow
	09	1925PST					Spotter reported 8 inches of snow in 24 hours at Satley, CA.
CAZ071			Lassen/Eastern Plumas/Eastern Sierra				
	08	1935PST			0 0		Heavy Snow
	09	1935PST					10.5 inches of snow in 24 hours reported by a spotter in Graeagle, CA.
CAZ071			Lassen/Eastern Plumas/Eastern Sierra				
	09	0233PST 1433PST			0 0		Heavy Snow
							Report of 5 inches of snow in 12 hours at Sloat, CA.
CAZ072			Greater Lake Tahoe Area				
	09	0530PST			0 0		Heavy Snow
	10	0530PST					

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

			Boreal Ski Area reported 22-26 inches of snow in 24 hours.				
CAZ072			Greater Lake Tahoe Area				
		09 0530PST			0	0	Heavy Snow
		10 0530PST					
			Soda Springs Ski Area reported 22-26 inches of snow in 24 hours.				
CAZ072			Greater Lake Tahoe Area				
		09 0545PST			0	0	Heavy Snow
		10 0545PST					
			Squaw Valley Ski Area reported 21 inches of snow at 8200 feet and 17 inches at 6200 feet in 24 hours.				
CAZ071			Lassen/Eastern Plumas/Eastern Sierra				
		09 0600PST			0	0	Heavy Snow
		10 0600PST					
			Sierra at Tahoe Ski Area reported 20-24 inches of snow in 24 hours.				
CAZ072			Greater Lake Tahoe Area				
		09 0640PST			0	0	Heavy Snow
		10 0640PST					
			Caltrans reported 18 inches of snow in 24 hours at Donner Pass, CA.				
CAZ072			Greater Lake Tahoe Area				
		09 0645PST			0	0	Heavy Snow
		10 0645PST					
			Caltrans reported 18 inches of snow in 24 hours at Echo Summit, CA.				
CAZ072			Greater Lake Tahoe Area				
		09 0730PST			0	0	Heavy Snow
		10 0730PST					
			Alpine Meadows reported 36 inches of snow at 8600 feet and 24 inches of snow at 7000 feet in 24 hours.				
CAZ071			Lassen/Eastern Plumas/Eastern Sierra				
		09 0755PST			0	0	Heavy Snow
		1255PST					
			5 inches of snow in 5 hours reported by a spotter in Westwood, CA.				
CAZ072			Greater Lake Tahoe Area				
		09 0755PST			0	0	Heavy Snow
		1955PST					
			Caltrans reported 8 inches of snow on Echo Summit in 12 hours.				
CAZ071			Lassen/Eastern Plumas/Eastern Sierra				
		09 0800PST			0	0	Heavy Snow
		10 0800PST					
			Spotter reported 12 inches of snow in 24 hours at Sattley, CA.				
CAZ071			Lassen/Eastern Plumas/Eastern Sierra				
		09 0830PST			0	0	Heavy Snow
		10 0830PST					
			Spotter reported 12 inches of snow in 24 hours at Sloat, CA.				
CAZ072			Greater Lake Tahoe Area				
		09 0900PST			0	0	Heavy Snow
		10 0900PST					
			Northstar Ski Area reported 12-20 inches of snow in 24 hours.				
CAZ072			Greater Lake Tahoe Area				
		09 0930PST			0	0	Heavy Snow
		10 0930PST					
			Coast Guard reported 12 inches of snow in 24 hours at Tahoe City, Ca.				
CAZ071			Lassen/Eastern Plumas/Eastern Sierra				
		09 1135PST			0	0	Heavy Snow
		1935PST					
			10 inches of snow in 8 hours reported by a spotter in Graeagle, CA.				
CAZ071			Lassen/Eastern Plumas/Eastern Sierra				
		09 1200PST			0	0	Heavy Snow
		10 1200PST					
			Spotter reported 10-16 inches of snow in 24 hours at Westwood, CA.				

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CALIFORNIA, Northeast

CAZ071	Lassen/Eastern Plumas/Eastern Sierra						
	09	1250PST			0	0	Heavy Snow
	10	1250PST					
	Spotter reported 20 inches of snow in 24 hours at Graeagle, CA.						
CAZ072	Greater Lake Tahoe Area						
	10	0548PST			0	0	Heavy Snow
	11	0548PST					
	Squaw Valley Ski Area reported 12 inches of snow at 6200 feet and 17 inches of snow at 8200 feet in 24 hours.						
CAZ072	Greater Lake Tahoe Area						
	10	0615PST			0	0	Heavy Snow
	11	0615PST					
	Alpine Meadows Ski Area reported 23 inches of snow at 7000 feet and 32 inches of snow at 8600 feet in 24 hours.						
CAZ072	Greater Lake Tahoe Area						
	10	0715PST			0	0	Heavy Snow
	11	0715PST					
	Caltrans reported 22 inches of snow in 24 hours at Donner Summit.						
CAZ072	Greater Lake Tahoe Area						
	10	0840PST			0	0	Heavy Snow
	11	0840PST					
	Tahoe Donner Ski Area reported 18-24 inches of snow in 24 hours.						
CAZ071	Lassen/Eastern Plumas/Eastern Sierra						
	10	1215PST			0	0	Heavy Snow
	11	1215PST					
	12 inches of snow in 24 hours reported by a spotter in Portola, CA.						
CAZ073	Mono						
	10	1425PST			0	0	Heavy Snow
	11	1425PST					
	8 inches of snow in 24 hours reported by a spotter in Coleville, CA.						
CAZ073	Mono						
	10	1855PST			0	0	Heavy Snow
	11	0655PST					
	4 inches of snow in 12 hours reported by a spotter in Bridgeport, CA.						
CAZ071	Lassen/Eastern Plumas/Eastern Sierra						
	10	1855PST			0	0	Heavy Snow
	11	0655PST					
	12 inches of snow in 12 hours at 5500 feet reported by a spotter in Susanville, CA.						
CAZ071	Lassen/Eastern Plumas/Eastern Sierra						
	10	2000PST			0	0	Heavy Snow
	11	0800PST					
	14 inches of snow in 12 hours reported by a spotter in Sloat, CA						
CAZ072	Greater Lake Tahoe Area						
	10	2300PST			0	0	Heavy Snow
	11	1100PST					
	15 inches of snow in 12 hours and 22.5 inches in 24 hours reported by Alpine Meadows Ski Area.						
CAZ072	Greater Lake Tahoe Area						
	11	0530PST			0	0	Heavy Snow
	12	0530PST					
	16 inches of snow at 8200 feet and 12 inches at 6200 feet in 24 hours reported by Squaw Valley Ski Area.						
CAZ073	Mono						
	11	0905PST			0	0	Heavy Snow
	12	0905PST					
	Caltrans reported 14 inches of snow in 24 hours on highway 6 near Benton, CA.						
CAZ071	Lassen/Eastern Plumas/Eastern Sierra						
	11	1300PST			0	0	Heavy Snow
		1900PST					
	Report of 8 inches of snow in 6 hours in Westwood, CA.						
CAZ073	Mono						
	11	1850PST			0	0	Heavy Snow
	12	0650PST					

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CALIFORNIA, Northeast

CAZ073							Spotter reported 8 inches of snow in 12 hours at Bridgeport, CA. Mono
	12	1648PST 2248PST			0 0		Heavy Snow
CAZ073							Spotter reported 6 inches of snow in 12 hours 2 miles southeast of Coleville, CA. Mono
	12	1850PST 13 0650PST			0 0		Heavy Snow
CAZ073							Spotter report of 7-8 inches of snow in 12 hours in Bridgeport, CA. Mono
	12	1850PST 13 0650PST			0 0		Heavy Snow
CAZ071							Spotter reported 5 inches of snow in 12 hours in the town of Walker, CA. Lassen/Eastern Plumas/Eastern Sierra
	20	2113PST 21 0913PST			0 0		Heavy Snow
CAZ071							Spotter reported 4 inches of snow in 12 hours in Westwood, CA. Lassen/Eastern Plumas/Eastern Sierra
	21	0600PST 22 0600PST			0 0		Heavy Snow
CAZ071							Sierra at Tahoe Ski Area reported 14-16 inches of snow in 24 hours. Lassen/Eastern Plumas/Eastern Sierra
	22	0001PST 1201PST			0 0		Heavy Snow
CAZ071							Caltrans reported 8 inches of snow in 12 hours on highway 89 near Little Truckee Summit. Lassen/Eastern Plumas/Eastern Sierra
	22	0030PST 1230PST			0 0		Heavy Snow
CAZ072							Caltrans reported 7 inches of snow in 12 hours 5 miles West of Sattley. Greater Lake Tahoe Area
	22	0425PST 1425PST			0 0		Heavy Snow
CAZ072							Caltrans reported 9 inches of snow in 10 hours at Meyers, CA. Greater Lake Tahoe Area
	22	0425PST 1425PST			0 0		Heavy Snow
CAZ071							Caltrans reported 12 inches of snow in 10 hours at Echo Summit, CA. Lassen/Eastern Plumas/Eastern Sierra
	22	0601PST 1201PST			0 0		Heavy Snow
CAZ071							Caltrans reported 4 inches of snow in 6 hours in Sierraville, CA. Lassen/Eastern Plumas/Eastern Sierra
	22	0630PST 1330PST			0 0		Heavy Snow
CAZ071							Spotter reported 4 inches of snow in 7 hours in Sattley, CA. Lassen/Eastern Plumas/Eastern Sierra
	22	0740PST 1940PST			0 0		Heavy Snow
CAZ072							Spotter reported 4 inches of snow in 12 hours in Westwood, CA. Greater Lake Tahoe Area
	22	0834PST 1134PST			0 0		Heavy Snow
CAZ073							Spotter reported 4 inches of snow in 3 hours in Woodsford, CA. Mono
	23	0715PST 24 0715PST			0 0		Heavy Snow
							Spotter reported 11 inches of snow at 8200 feet and 16 inches of snow at 9000 feet in 24 hours at Mammoth Lakes, CA.

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>CALIFORNIA, Northeast</u>							
CAZ072			Greater Lake Tahoe Area				
	24	0135PST 1335PST			0 0		Heavy Snow
			Spotter reported 8 inches of snow in 12 hours at Woodsford, CA.				
CAZ073			Mono				
	24	0335PST 1535PST			0 0		Heavy Snow
			Spotter reported 10 inches of snow in 12 hours at Mammoth Lakes.				
CAZ072			Greater Lake Tahoe Area				
	24	0730PST 1330PST			0 0		Heavy Snow
			Caltrans reported 7 inches of snow in 6 hours at Meyers, CA.				
<u>CALIFORNIA, Northwest</u>							
CAZ003>004-076			North Coast Interior - Upper Trinity River - Mendocino Interior				
	08	1600PST			0 0		Heavy Snow
	10	0500PST					
			Seven to ten inches of snow fell across wide areas of Northwest California above elevations of 2500 feet. A few favored locations received much more. Coffee Creek in Trinity County reported 30 inches of snow in 18 hours and a spotter near Laytonville in Mendocino County had 24 inches fall in 24 hours.				
CAZ003>004-076			North Coast Interior - Upper Trinity River - Mendocino Interior				
	10	1400PST			0 0		Heavy Snow
	12	0400PST					
			Six to eight inches fell across much of the area with locations near Cape Mendocino receiving eight to 10 inches. Locations above 3500 feet received around 24 inches. Snow fell down to as low as 500 feet.				
CAZ003-076			North Coast Interior - Mendocino Interior				
	21	1700PST			0 0		Heavy Snow
	22	1900PST					
			Seven to ten inches of snow fell above 2500 feet.				
<u>CALIFORNIA, South Central</u>							
CAZ089>091			W Central Sj Valley - E Central Sj Valley - Sw Sj Valley				
	01	0400PST			0 6		Fog
	02	0930PST					
			Dense fog formed very late on the morning of the 1st affecting the Central San Joaquin Valley and only a small portion of the north part of the SW S.J. Valley on both the morning of the 1st and 2nd. On the morning of the 2nd two multiple vehicle accidents occurred on Highway 198, 4 and 8 miles west of Hanford, due to the dense fog.				
CAZ089>092			W Central Sj Valley - E Central Sj Valley - Sw Sj Valley - Se Sj Valley				
	01	0400PST			0 0		Frost
	02	0735PST					
			Typical of the late winter low temperature concerns for area agriculture, minimum temperatures were in the low 30s for the Central and South San Joaquin Valley on the 1st and 2nd, generally. However, minimum temperatures on the 1st were a little lower in the SE S.J. Valley as minimums dropped as low as 25F at Wasco and 27F and Delano.				
CAZ090>092			E Central Sj Valley - Sw Sj Valley - Se Sj Valley				
	06	0053PST 0800PST			0 0		Fog
			Dense fog on the morning of the 6th formed during the early morning hours. Visibilities dropped down to 200 feet in the Central and North portion of the Southern San Joaquin Valley.				
CAZ095-098>099			Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert				
	06	1200PST			0 0		Wind
	07	1000PST					
			Mojave Airport gusted to 58 MPH at 1300 PST on the 6th with Indian Wells Canyon around Inyokern climbing to 53 MPH at mid-day and Walker Pass, east of Lake Isabella, having gusts to 58 MPH near the same time.				
CAZ089-091			W Central Sj Valley - Sw Sj Valley				
	07	1209PST 1709PST			0 0		Wind
			A wind gust on the normally light wind San Joaquin Valley floor reached 51 MPH at Kettleman Hills on the Valley west side at mid-day with sustained wind elsewhere around 25 MPH.				
CAZ089>092			W Central Sj Valley - E Central Sj Valley - Sw Sj Valley - Se Sj Valley				
	08	0300PST 0900PST			0 0		Frost

Storm Data and Unusual Weather Phenomena

February 2001

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

Temperatures at regularly reporting airport locations (Coalinga, Merced) dropped to 28 degree F. with Delano at 30F. Madera reached a low of 26F while Lemoore dropped to 27F.

CAZ093>094-096>097 S Sierra Foothills - Tulare Cty Foothills - S Sierra Mtns - Tulare Cty Mtns

	09	1200PST			0	0	Winter Storm
	10	1600PST					

CAZ095 Kern Cty Mtns

	09	2200PST			0	0	Snow
	10	1600PST					

With a rather cold winter storm passage through the CWFA, snow levels dropped down to 2500 feet M.S.L. in the foothill areas. Snow amounts reported: Ponderosa Basin 12" (3500 ft); 9" at Mariposa; 14" in Sequoia Park (3500-4000 ft); Fishcamp 30" (4980 ft); Ostrander Lake 20" (8200 ft); Yosemite Valley 12" (4000 ft); Lodgepole 23" (6735 ft); Quaking Aspen 13" (7200 ft); and in the Tehachapi Mountains Alta Sierra had 7" (6000 ft) and Tehachapi 5" (5000 ft).

Madera County

15 E Madera	10	1616PST 1630PST			0	0	Hail (0.75)
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Madera County

10 S Coarsegold	10	1621PST 1630PST			0	0	Hail (0.75)
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Fresno County

5 E Clovis	10	1715PST 1720PST			0	0	120K Hail (0.75)
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Fresno County

11 E Fresno	10	1717PST 1722PST			0	0	Hail (0.75)
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Fresno County

6 N Reedley	10	1740PST 1745PST			0	0	Hail (0.75)
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While hail size was not consistently at 3/4", a spotter reported a hail swath from the Fresno Metropolitan area eastward about 25 miles and up to 3 miles wide. Abridged agricultural damage was reported at \$120,000 to vegetables just east of Clovis.

CAZ093>097 S Sierra Foothills - Tulare Cty Foothills - Kern Cty Mtns - S Sierra Mtns - Tulare Cty Mtns

	11	0100PST			0	0	Winter Storm
	12	1600PST					

Another major winter storm followed closely on the heels of the one ending the morning of the 10th. With snow levels reported as low as 1500 feet, snow amounts reported were: Up to 11" at Mariposa (3200 feet M.S.L.) for a 2-day total of 16"; Ponderosa Basin 17"; North Fork with a 2-day total of 26"; Yosemite 2-day total of 38"; Hume Lake 19"; Lodgepole 23"; Big Meadows (7600 ft); 40"; Alta Sierra 17" (2-day total of 24"); Glennville 5"; and Sequoia Park Rangers indicated snow accumulation over 2 days between 3500-4000 ft at 12-24". Local utility companies reported up to 7,000 mountain customers without power by the 14th due to continued heavy snow damage due to falling trees.

CAZ095 Kern Cty Mtns

	12	2000PST			0	0	Winter Storm
	13	1900PST					

CAZ097 Tulare Cty Mtns

	12	2100PST			0	0	Snow
	14	0100PST					

CAZ098>099 Indian Wells Vly - Se Kern Cty Desert

	13	0500PST 1200PST			0	0	Heavy Snow
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An infrequent snow event occurred on the Kern County Desert floor causing massive motorist problems with 1-2" of snow being common and up to 5" over the county line in Lancaster. At the same time a large amount of snow fell in the Kern Mountains: Frazier Park 30"; 30" NE of Tehachapi (6500 ft M.S.L.); Tehachapi 10"; Lebec 18" (500 motorists stranded on Interstate-5 over the Grapevine); and Greenhorn Summit 18". Additional snow in the Tulare County Mountains during this time period: Big Meadows 8" (7600 ft); Quaking Aspen 7" (7200 ft); and Lodgepole 5". Tulare County Foothill areas received amounts less than 5" as low as 3000 ft. On the desert floor Inyokern received 1.35" and California City 0.57" of rain from mid-day on the 12th into the 13th.

CAZ096>097 S Sierra Mtns - Tulare Cty Mtns

	18	0400PST 0900PST			0	0	Snow
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Snowfall amounts of 7" at Upper Burnt Corral in the S.Sierra Nevada (9700 feet M.S.L.) and Big Meadows in the Tulare County Mountains (7600 ft).

Storm Data and Unusual Weather Phenomena

February 2001

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

CAZ096>097

S Sierra Mtns - Tulare Cty Mtns

19	0600PST				0	0	
20	1200PST						Winter Storm

Snow totals over 24-Hours: Agnew Pass 14" (9450 Ft M.S.L.); Upper Burnt Corral 16"; Bishop Pass 24" (11,200 ft) in the S. Sierra Nevada; and Big Meadows 12" and Giant Forest 12" in the Tulare County Mountains.

CAZ096

S Sierra Mtns

22	1200PST				0	0	
	2135PST						Snow

Snow reports: Yosemite Valley 4"; Ostrander Lake 7" (8200 feet M.S.L.); and Volcanic Knob 7".

CAZ095>097

Kern Cty Mtns - S Sierra Mtns - Tulare Cty Mtns

24	0330PST				0	0	
25	1600PST						Winter Storm

Snow Reports: S.Sierra Nevada, Fishcamp 12" from 0600-1200, and Hume Lake 12" all in 12 hours; Tuolumne Meadows 16" and Ostrander Lake 13"; Tulare County Mountains; Lodgepole 16", Quaking Aspen 20", and Wet Meadows 22", all in 12 hours; and, in the Kern Mountains; Alta Sierra 8" in 12 hours and the Kernville RAWs with 1.5" water equivalent.

CAZ095

Kern Cty Mtns

25	1800PST				0	0	
26	2000PST						Winter Storm

CAZ097

Tulare Cty Mtns

25	2330PST				0	0	
26	2000PST						Snow

Another substantial snow event struck the Tehachapi Mountains of Kern County on the evening of the 25th with snow amounts of: Frazier Park 12-17" and the Tehachapi-Willow Springs Road out of Tehachapi Valley closed due to heavy snow. In the Tulare County Mountains snow amounts reported were Wet Meadows 8" and Beach Meadows 13" in 24 hours.

Kern County

Cantil to
Garlock

26	0630PST				0	0	
	1930PST						Urban/Sml Stream Fld

Kern County

3 NW Inyokern

26	0800PST				0	0	
	1930PST						Urban/Sml Stream Fld

The Redrock-Randsburg Road was closed between Cantil and Garlock and Mojave reported street flooding around 0900 PST. Rosamond received 1.04" of rain with the Indian Wells Canyon area receiving 1.05" and Inyokern 0.83".

Mariposa County

Mariposa

28	0000PST				0	0	
	2359PST						Dry

Despite 125% above normal precipitation for the month for the area, and the state in general, below normal seasonal precipitation-to-date continues. The month ended with the statewide water content of its snowpack at 75%. This was an improvement from the start of the month with the total up to that time running at only 60%.

Kern County

Cantil to
Garlock

28	1530PST				0	0	
	2100PST						Urban/Sml Stream Fld

Early convection early on the 28th continued minor flood problems along the Redrock-Randsburg Road in the Kern County deserts. Total rainfall at California City from late on the 25th through the morning of the 28th was 1". Another 1/4" fell in a thunderstorm from 1400 to 1415 PST on the 28th.

CALIFORNIA, Southeast

CAZ026

Owens Valley

06	1727PST				0	0	
							High Wind (G58) ^M

A strong Pacific storm system brought high winds to the southern Sierra mountains.

CAZ026

Owens Valley

11	0700PST				0	0	
14	1400PST						Heavy Snow

One of the biggest storms in years impacted portions of southeast California and southern Nevada. Snowfall amounts between 2 and 3 feet were common above 4000 to 5000 feet with amounts up to 3 1/2 feet reported along 190 in Death Valley between 4000 and 5000 feet. Even portions of southern Nevada reported storm totals between 18 and 24 inches above 4500 and 5000 feet. Some specific storm totals include: Aspendell, CA - 43.5 inches, Townes Pass (Highway 190 in Death Valley near the 5000 foot level - 36-42 inches, Father Crowley Point (along Highway 190 near 4000 feet) - 36-42 inches, Darwin, CA - 36 inches, Dunmavin, CA - 36 inches, Las Vegas Ski Resort, 26 inches, Dyer, NV - 24 inches, Goldfield, NV - 16-18 inches.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
CALIFORNIA, Southwest							
CAZ055>056-058-061 San Bernardino County Mountains - Riverside County Mountains - San Diego County Mountains - Coachella Valley							
	06	1756PST			0	0	250K 30K High Wind (G60) ^M
	07	1500PST					
San Diego County							
2 W La Jolla	10	1457PST			0	0	Waterspout
San Diego County							
3 NW La Jolla	10	1525PST			0	0	Funnel Cloud
San Diego County							
1 W Ocean Beach	11	1100PST			0	0	Waterspout
Two waterspouts were observed west of Ocean Beach.							
Orange County							
3 W (Sna)Santa Ana C	11	1150PST			0	0	Waterspout
3 W Laguna Beach		1211PST					
A near stationary waterspout moved slowly southeast off the Orange County Coast.							
Orange County							
Countywide	11	1600PST			0	0	250K Heavy Rain
	13	1400PST					
San Bernardino County							
Colton to	11	1600PST			0	0	150K Heavy Rain
Chino	13	1600PST					
CAZ055>058 San Bernardino County Mountains - Riverside County Mountains - Santa Ana Mountains And Foothills - San Diego County Mountains							
	11	1620PST			0	31	150K Winter Storm
	14	0730PST					
Orange County							
12 E Mission Viejo to	12	1725PST			0	0	60K Urban/Sml Stream Fld
Huntington Beach	14	1400PST					
CAZ060 Apple And Yucca Valleys							
	13	0200PST			0	0	Heavy Snow
		1550PST					
San Diego County							
Spring Vly to	13	0300PST			0	0	200K Urban/Sml Stream Fld
Escondido		1230PST					
Orange County							
10 E Orange	13	0330PST			0	0	Thunderstorm Wind (G77) ^M
		0400PST					
Riverside County							
Perris to	13	0330PST			0	1	60K Urban/Sml Stream Fld
Temecula		1000PST					
Orange County							
Huntington Beach	13	0355PST			0	0	10K Thunderstorm Wind (G58) ^M
		0400PST					
Orange County							
4 NW Laguna Beach	13	0355PST			0	0	25K Thunderstorm Wind (G65)
Orange County							
3 SE Orange to	13	0400PST			0	0	25K Thunderstorm Wind (G52)
1.5 N Orange							
Riverside County							
Riverside	13	0400PST			0	0	15K Thunderstorm Wind (G52)
San Bernardino County							
Rancho Cucamonga to	13	0400PST			0	0	25K Thunderstorm Wind (G52)
Upland							

A winter storm that took two days to cross Southwest California created near blizzard conditions in the mountains, forcing the closure of all

Storm Data and Unusual Weather Phenomena

February 2001

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

roads. In San Bernardino County, the Wrightwood received between 27 and 60 inches of snow. The remainder of the San Bernardino County Mountains received 18 to 31 inches of snow. Near Lake Arrowhead, the roof of an Ice Skating Rink collapsed under the weight of the snow. The Apple Valley received 5 to 12 inches of snow. In the Riverside County Mountains, an average of 12 inches snow fell. In the San Diego County Mountains between 7 and 12 inches of snow fell and 26 people suffering from mild hypothermia were rescued by the Border Patrol. In the Santa Ana Mountains, the snow level dropped to 3000 feet. Over the lower elevations, heavy rain caused mudslides and extensive urban flooding. Many of the major roadways were flooded for several hours. Between 2 and 5 inches of rain fell over Orange County and the western end of the Inland Empire. The remainder of the Inland Empire, as well as the San Diego County Coastal Plain and Inland Valleys received between 1 and 2 inches of rain. Over the coastal waters, southerly gale force winds quickly built 12 foot seas. A fast moving squall line behind the main frontal band, knocked down trees and power lines in Orange County and the western end of the Inland Empire, and broke tree branches in San Diego County.

Riverside County

Palm Desert	13	1950PST			0	0	Funnel Cloud
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San Diego County

9 W Oceanside	14	0700PST 0900PST			0	0	Funnel Cloud
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San Diego County

Del Mar to Mission Beach	20	1200PST 1700PST			0	7	Rip Currents
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Waves reaching 15 feet generated strong rip currents. Seven surfers, divers, and swimmers had to be rescued by lifeguards. Heavy surf continued into the following day, but no other rescues were reported.

CAZ057

Santa Ana Mountains And Foothills

24	0800PST				0	1	Fog
25	0630PST						

A hiker became lost in dense fog and snow while hiking back from Santiago Peak. He had spent about 23 hours in the cold and wet and had mild hypothermia when he was found.

Orange County

.5 S Orange	24	1350PST 1351PST	0.1	100	0	0	50K	Tornado (F0)
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Witnesses reported hearing a loud roaring sound like a freight train, followed by 45 seconds of intense wind and heavy rain. A funnel cloud was sighted in the area following the wind damage. Damage consisted of roof shingles, skylights, and metal awnings being ripped off six structures, two 10 ft. by 15 ft. roll-up doors being blown in, several wooden fences knocked down, as well as telephone wires. An NWS meteorologist conducting a damage survey noted a cyclonic pattern in the debris.

San Bernardino

County

Arrowhead Jct to Forest Falls	25	0555PST 0730PST			0	0	30K	Urban/Sml Stream Fld
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Mudslides occurred along Highway 18 and heavy rain and snow melt filled Mill Creek.

San Diego County

Grossmont to Mission Beach	25	1305PST			0	0	Urban/Sml Stream Fld
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Street flooding in Mission Valley.

Orange County

Anaheim	25	1445PST			0	0	Urban/Sml Stream Fld
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Water was flowing over Prado Dam and street flooding was reported on Interstate 605 at Cerritos Road.

San Diego County

Escondido to Lakeside	25	1517PST			0	0	Urban/Sml Stream Fld
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Orange County

El Toro to San Clemente	26	0128PST 0630PST			0	0	Urban/Sml Stream Fld
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Flooding along Interstate 5 from heavy rains.

CAZ055>056

San Bernardino County Mountains - Riverside County Mountains

26	1415PST				0	0	175K	Heavy Snow
27	2215PST							

Twelve to 42 inches of snow fell at elevations above 5000 feet. The roof of an equipment warehouse collapsed under the weight of the snow. Mountain residents reported heavy snow all day with the snow level as low as 3000 feet.

Riverside County

Temecula to Lake Elsinore	26	1440PST 1610PST			0	0	Urban/Sml Stream Fld
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Heavy rain and runoff caused mud slides and street flooding across the southern end of the Inland Empire. Canyon Lake rose to within

Storm Data and Unusual Weather Phenomena

February 2001

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

CAZ081>082-082-082- Central Siskiyou County - South Central Siskiyou County 082-082-082

22	0545PST 0930PST				0 0		Heavy Snow
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Spotter SY05 2 miles west of Weed recieved 11 inches of snow overnight. Nearby Bunny Flats at 7000 feet got 24 inches overnight. A Winter Storm Warning for this area was downgraded to a Snow Advisory at 1430 PST on 02/20. The advisory was finally cancelled at 1145 PST on 02/22. From the above reports, all of which verified a Heavy Snow Warning, it is clear that the warning should not have been downgraded, but the cancellation time would have remained the same

CAZ082 South Central Siskiyou County

24	1425PST				0 0		Heavy Snow
25	0610PST						

See below.
Based on forecast snow amounts, a Winter Storm Warning was issued for zone CAZ082 above 3000 feet at the above dates and times. However, no reports were received that verified the warning. One cooperative observer reported 3 inches of snow overnight, which would have verified a snow advisory.

CALIFORNIA, West South Central

CAZ034>035 San Luis Obispo County Central Coast - Santa Barbara County Central Coast

03	0230PST 2030PST				0 0		Heavy Surf
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Large northwest swell generated heavy surf along the Central Coast. Widespread surf of 10 to 12 feet was reported.

CAZ034>035 San Luis Obispo County Central Coast - Santa Barbara County Central Coast

09	1600PST				0 0		Heavy Surf
10	1800PST						

Large northwest swell generated heavy surf along the Central Coast. Widespread surf of 12 to 18 feet was reported.

CAZ052>054 Santa Barbara County Mountains - Ventura County Mountains - Los Angeles County Mountains Excluding The Santa Monica Range

09	1600PST				0 0		Winter Storm
10	2000PST						

A cold Pacific storm brought strong winds and heavy snow to the mountains of Southern California. Mountain areas reported 6 to 10 inches of new snow and south winds gusting to 60 mph.

CAZ051>054 San Luis Obispo County Mountains - Santa Barbara County Mountains - Ventura County Mountains - Los Angeles County Mountains Excluding The Santa Monica Range

11	0600PST				0 0		Winter Storm
14	0300PST						

Los Angeles County

Countywide	11 0600PST				0 0		Heavy Rain
	13 2200PST						

San Luis Obispo County

Countywide	11 0600PST				0 0		Heavy Rain
	13 2200PST						

Santa Barbara County

Countywide	11 0600PST				0 0		Heavy Rain
	13 2200PST						

Ventura County

Countywide	11 0600PST				0 0		Heavy Rain
	13 2200PST						

CAZ040>041-044>047 Ventura County Coast - Los Angeles County Coasts Including Downtown Los Angeles - Ventura County Interior Valleys - Ventura County Coastal Valleys - Santa Monica Mountains Recreation Area - Los Angeles County Valleys

13	0100PST 0900PST				0 0		High Wind (G45)
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CAZ038-059 Cuyama Valley - Antelope Valley

13	0200PST 1400PST				0 0		Heavy Snow
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A powerful Pacific storm brought heavy rain, heavy snow and gusty winds to Central and Southern California. Overall, 2 to 8 inches of rain fell across the area, producing numerous reports of urban flooding. With the storm, snow levels fell to around 1500 feet in some areas. Ski

Storm Data and Unusual Weather Phenomena

February 2001

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

resorts reported between 3 to 7 feet of new snowfall. With such low snow levels, the Cuyama and Antelope Valleys reported between 4 to 8 inches of snowfall. Along with the precipitation, gusty south winds of 40 to 60 mph developed in the mountains. Across coastal and valley areas of Ventura and Los Angeles counties, southeast winds of 30 to 50 mph developed and produced some damage. The worst wind damage was in San Pedro Harbor where several docks were damaged and even one boat was sunk.

Los Angeles County

15 SE Long Beach Arpt	11	1210PST			0	0	Waterspout
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The Coast Guard reported a waterspout south of Huntington Beach.

Ventura County

10 SW (Ntd)Nas Point N	12	1337PST			0	0	Waterspout
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A spotter reported a waterspout 10 miles southwest of Point Mugu.

CAZ034>035-039>041 San Luis Obispo County Central Coast - Santa Barbara County Central Coast - Santa Barbara County South Coast - Ventura County Coast - Los Angeles County Coasts Including Downtown Los Angeles

19		0830PST			0	0	Heavy Surf
21		0230PST					

Large northwest swell generated heavy surf along the coasts of Central and Southern California. North of Point Conception, widespread surf of 10 to 12 feet was reported. South of Point Conception, widespread surf of 6 to 10 feet was reported.

CAZ034>035

San Luis Obispo County Central Coast - Santa Barbara County Central Coast

22		1430PST			0	0	Heavy Surf
23		1430PST					

Large northwest swell generated heavy surf along the Central Coast. Widespread surf of 10 to 12 feet was reported.

CAZ052>054

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

24		1000PST			0	0	Winter Storm
26		1400PST					

Los Angeles County

Countywide	24	1000PST			0	0	Heavy Rain
	26	1200PST					

San Luis Obispo County

Countywide	24	1000PST			0	0	Heavy Rain
	26	1200PST					

Santa Barbara County

Countywide	24	1000PST			0	0	Heavy Rain
	26	1200PST					

Ventura County

Countywide	24	1000PST			0	0	Heavy Rain
	26	1200PST					

A Pacific storm brought more rain, snow and wind to Central and Southern California. Overall, rainfall totals were between 1 to 4 inches, producing numerous reports of urban flooding. In the mountains, snowfall totals were 8 to 16 inches, mainly above 6000 feet. Along with the snow, south winds gusting to 50 mph developed in the mountains.

CAZ054

Los Angeles County Mountains Excluding The Santa Monica Range

27		0800PST			0	0	Heavy Snow
28		1400PST					

A cold Pacific storm produced heavy snow showers across the mountains of Los Angeles county. Above 5000 feet, 12-24 inches of new snowfall was reported.

Santa Barbara County

Countywide	28	2130PST			0	0	Urban/Sml Stream Fld
		2330PST					

Bands of moderate to heavy showers produced street flooding across sections of Santa Barbara county, including the city of Santa Barbara.

CALIFORNIA, Western

CAZ005>008-010-074>075 Sonoma / Marin Counties - San Francisco County - Alameda / Contra Costa Counties - Santa Clara County - Salinas Valley / Interior Monterey County / San Benito County - Santa Cruz Co. - San Mateo Co.

11		0800PST			0	0	Heavy Snow
12		1200PST					

Storm Data and Unusual Weather Phenomena

February 2001

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

COZ033-036 **S & E Jackson / Larimer / N & Ne Grand / Nw Boulder Counties Above 9000 Feet - Jefferson & W Douglas Counties Above 6000 Feet / Gilpin / Clear Creek / Ne Park Counties Below 9000 Feet**

02	0430MST				0	0	High Wind (G78) ^M
	0615MST						

High winds developed briefly in and near the Front Range Foothills. A spotter at Georgetown Lake measured a peak wind gust to 90 mph (78 kts), while an automated sensor atop Niwot Ridge measured 74 mph (64 kts).

COZ032-034 **Grand & Summit Counties Below 9000 Feet - S & Se Grand / W Central & Sw Boulder / Gilpin / Clear Creek / Summit / N & W Park Counties Above 9000 Feet**

03	0800MST				0	0	Winter Storm
	1400MST						

A winter storm quickly moved through portions of the Colorado High Country. Snowfall totals included: 7 inches at Fraser, 6 inches at Copper Mountain and the Eisenhower Tunnel, with 5 inches reported at Breckenridge. Wind gusts generally ranged from 40 to 60 mph (52 kts).

COZ033-035-039 **S & E Jackson / Larimer / N & Ne Grand / Nw Boulder Counties Above 9000 Feet - Larimer & Boulder Counties Between 6000 & 9000 Feet - Boulder & Jefferson Counties Below 6000 Feet**

04	2300MST				0	0	0	High Wind (G67) ^M
	0130MST							

High winds blew for a brief time overnight. Niwot Ridge registered a peak wind gust to 77 mph (67 kts), 75 mph (65 kts) at the Gamow Tower in Boulder, and 72 mph (63 kts) registered 2.5 miles south of Estes Park.

COZ035>037-040 **Larimer & Boulder Counties Between 6000 & 9000 Feet - Jefferson & W Douglas Counties Above 6000 Feet / Gilpin / Clear Creek / Ne Park Counties Below 9000 Feet - C & Se Park County - N Douglas County Below 6000 Feet / Denver / W Adams & Arapahoe Counties**

08	0400MST				0	0	0	Heavy Snow
	0400MST							

Heavy snow fell across portions of Metropolitan Denver, South Park and the Front Range Foothills. Snowfall totals included: 13 inches, 5 miles south of Antero Reservoir, 12 inches at Crow Hill and 8 miles north of Evergreen, 10 inches at Evergreen, Hartsel, Hohnholz Ranch and 11 miles southwest of Morrison, 9 inches at Genesee, 8 inches at Lookout Mountain, 5 miles west of Littleton and 7 miles north of Bailey, 6 inches at Arvada and Ken Caryl, with 5 inches reported at Broomfield, Chief Hosa and Thornton.

COZ036-039>040 **Jefferson & W Douglas Counties Above 6000 Feet / Gilpin / Clear Creek / Ne Park Counties Below 9000 Feet - Boulder & Jefferson Counties Below 6000 Feet - N Douglas County Below 6000 Feet / Denver / W Adams & Arapahoe Counties**

13	1800MST				0	0	0	Heavy Snow
	0800MST							

Heavy snow was reported in Metropolitan Denver and its adjacent foothills. Snowfall totals included: 8 inches at Evergreen, 7 inches at Crow Hill and Lakewood, with 6 inches at Denver, Doubleheader, Eldorado Springs, Morrison and Pine Junction.

COLORADO, East Central

NONE REPORTED.

COLORADO, South Central and Southeast

COZ061-068>073-077>081 **Eastern San Juan Mountains - Western Fremont And Northern Custer Counties - Upper Arkansas River Valley/Salida And Vicinity - Wet Mountains - Southern El Paso County/Colorado Springs And Vicinity - Northern El Paso County/Monument Ridge - Pueblo And Eastern Fremont Counties/Pueblo And Vicinity - Eastern Las Animas County - Kiowa County - Bent County/Las Animas And Vicinity - Prowers County/Lamar And Vicinity - Baca County/Springfield And Vicinity**

07	1100MST				0	0	Winter Storm
	2300MST						

A strong upper level disturbance moved from the Four Corners area across southeast Colorado causing areas of heavy snow. Some of the heavier snow totals follow. In Kiowa...Prowers...Bent...Baca...and Las Animas counties in southeast Colorado 4 to 6 inches of snow was measured. Four to 6 inches of snow also fell in the Wet Mountains and Rampart Range, and adjacent plains...including the Colorado Springs area. Locally higher amounts fell in western Pueblo county and in the northern Sangre de Cristo Mountains, from 6 to 11 inches. In Chaffee county...8 to 14 inches of snow was measured. In Mineral county...18 to 20 inches of snow occurred in the vicinity of Creede with 22 inches of snow gracing the Wagon Wheel Gap community and 28 inches of snow noted at the summit of Wolf Creek Pass.

COZ061-065 **Eastern San Juan Mountains - Northern Sangre De Cristo Mountains**

26	0900MST				0	0	Heavy Snow
	0800MST						

Moist southwest flow ahead of an upper level storm in southern California produced areas of heavy snow. Some of the heavier snow totals include: 9 inches around South Fork in Rio Grande county...14 inches of snow 7 miles west of Westcliffe at the foot of the Sangre de Cristo mountains in Custer county and 16 inches near the summit of Wolf Creek Pass in Mineral county.

Storm Data and Unusual Weather Phenomena

February 2001

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

by early February 5th. This potent storm further intensified as it moved up the eastern seaboard and became the season's second major nor'easter. By early February 6th, the storm center was east of Cape Cod. The air was cold enough for most of the precipitation to fall as snow with this storm, though a little sleet did mix in. A swath of very heavy snowfall buried Litchfield county with well over a foot of snow. Snowfall rates were as heavy as 4 inches per hour during the height of the storm late on the afternoon of the 5th. Specific amounts included Norfolk with 16.2 inches, Bakersville, 20 and Burville, 21.

Besides school and some business closings, there were no unusual problems reported to the National Weather Service with this storm. Temperatures rose to above freezing the following day, making the snow removal that much easier.

CONNECTICUT, Southern

CTZ005>011

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

05	1400EST 2300EST	0	0	Heavy Snow
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On Monday February 5th, a developing low pressure system off the North Carolina coast moved northeast to a position off eastern Long Island by Monday evening. The storm then moved off the New England coast by early Tuesday. The storm spread bands of heavy wet snow across southern Connecticut by early Monday afternoon. Some rain was mixed in with the snow initially along the immediate coast, but this also changed to snow as colder air was entrained into the storm system during Monday afternoon. Snowfall amounts were kept to a minimum across extreme southeast Connecticut, where milder air from off the Atlantic Ocean kept precipitation mainly in the form of rain until Monday night. The snow then tapered off from west to east by early Tuesday across southern Connecticut.

Due to the wet nature of the snow, and the rapid rate at which it fell, numerous power outages resulted from fallen tree limbs which snapped power lines. In addition, the heavy snow caused hazardous travel for the Monday evening commute across most of southern Connecticut, and resulted in numerous traffic accidents.

Here are some specific snowfall totals for this snow event:

For Fairfield County: 6 inches at Darien, to 19 inches at Danbury.

For New Haven County: 10 inches at Branford, to 20 inches at Cheshire.

For Middlesex County: 7.3 inches at Old Saybrook, to 9 inches at Haddam.

For New London County: 5 inches at Groton, to 13 inches at Colchester.

DELAWARE

DEZ001

New Castle

05	1300EST 1800EST	0	0	0 Flood
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A steady heavy rain during the first half of the day on the 5th and saturated ground produced flooding along the Christina River during the afternoon of the 5th. The rain changed to sleet and wet snow during that afternoon and partially mitigated the flooding that did occur. The Christina River at Coochs Bridge reached its 9 foot flood stage at 1 p.m. EST, crested at 10.05 feet at 350 p.m. EST and was back within bankfull at 6 p.m. EST. Storm totals included 1.83 inches in Wilmington, 1.56 inches at the New Castle County Airport and 1.40 inches in Newark. No serious damage or injuries were reported.

DEZ001>004

New Castle - Kent - Inland Sussex - Delaware Beaches

10	0600EST 1000EST	0	0	Wind
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A strong cold front moved through Delaware during the morning of the 10th. Strong gusty northwest winds accompanied and followed the cold frontal passage. Peak wind gusts averaged between 40 and 45 mph. No serious damage was reported. Peak wind gusts included 45 mph at New Castle County Airport, 43 mph at Dover AFB and 40 mph in Georgetown (Sussex County).

DEZ001>002

New Castle - Kent

12 13	2100EST 0000EST	0	0	Wintry Mix
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A weak low pressure system developed from an inverted trough off the south Atlantic Coast the morning of the 12th. As the low moved off the North Carolina coast during the evening of the 12th, moisture spilled north into Delaware. A high pressure system nestled over New England left some relatively cold air near the surface. While it was warm enough aloft for precipitation to fall as rain, near the ground temperatures were around or below the freezing mark. A few hours of light sleet and/or freezing rain occurred across northern parts of Kent County and in New Castle County. Water equivalents were generally under one tenth of an inch. Untreated roadways and walkways were hazardous. By midnight EST, temperatures had risen above freezing and precipitation fell as light rain throughout the state.

DEZ001>004

New Castle - Kent - Inland Sussex - Delaware Beaches

22 23	1200EST 0000EST	0	0	Heavy Snow
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A fast moving low pressure system brought the season's heaviest snow to Delaware on the 22nd. Accumulations averaged around 6 inches. Snow began falling around noon EST. Cold weather the previous two days made it easy for the snow to accumulate. Schools started

Storm Data and Unusual Weather Phenomena

February 2001

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

dismissing children with the arrival of the snow and many businesses closed early. A school bus in Bridgeville (Sussex County), skidded into a ditch. This was one of numerous, but mostly minor accidents that occurred. The state police alone responded to about 450 accidents (half in New Castle County) and an additional 150 calls of disabled vehicles. Major roadways slowed to a crawl. Delaware State Route 100 (New Castle County) was closed for several hours as vehicles could not negotiate a curve. The most serious traffic accident occurred on Interstate 495 in Wilmington. A tractor trailer jackknifed and closed all lanes of the interstate for one hour. The snow ended toward midnight on the 22nd. The heaviest snow fell during the afternoon.

Specific accumulations included 8.5 inches in Dagsboro (Sussex County), 7 inches in Dover and Houston (Kent County) and Milton and Georgetown (Sussex County), 6.2 inches in Bear (New Castle County), 6 inches in Greenwood (Sussex County) and the city of Wilmington and 4.5 inches at the New Castle County Airport.

The low pressure system responsible for the heavy snow developed along the Red River Valley in the Southern Plains on Wednesday the 21st. By Thursday morning the 22nd, it was located over northern Alabama. It moved quickly offshore and by the morning of the 23rd, it was more than 300 miles east of the Delmarva Peninsula. The quick movement of the low pressure system prevented heavier snow from occurring. But it was compensated by a higher than normal snowfall to water equivalent ratio. In the so-called average snowstorm the ratio of snowfall to water equivalent is usually 10 to 1. For example, 10 inches of snow would melt down to about one inch of water (or rain). In this storm, partially because the air mass over the region was considerably colder than normal, the snowfall to water equivalent ratio was closer to 20 to 1.

DISTRICT OF COLUMBIA

DCZ001

District Of Columbia

09 2000EST
10 1200EST

0 0

Strong Wind

A strong cold front crossed the Mid-Atlantic region during the morning of the 10th. Ahead of the front, southwest winds of 15 to 25 MPH gusted to 35 MPH. Behind the front, winds shifted to the northwest at 20 to 30 MPH and gusted up to 50 MPH. A wind gust of 51 MPH was recorded at Washington Reagan National Airport.

DCZ001

District Of Columbia

22 0700EST
2200EST

0 0

Winter Weather

Low pressure moved from the mid Mississippi Valley into the southern portion of the Mid Atlantic region on the 22nd. This system produced mainly light to moderate snowfall across the region between 9 AM and 10 PM. However, a brief period of heavy snow occurred at the beginning of the event. Snowfall totals included 2.4 inches at the National Arboretum and 2.8 inches at Washington Reagan National Airport. Numerous traffic accidents were reported across the metropolitan area as roads became slippery and some areas experienced brief whiteout conditions. The largest crash occurred on southbound Interstate 95 in Stafford County, closing the highway for nearly 12 hours. An unprecedented total of 131 vehicles, including 17 tractor trailers and 114 smaller vehicles, collided between Quantico and Garrisonville. One person was killed and over 100 people were injured. Two other major pileups involving a total of 80 vehicles occurred on Interstate 95 within a few miles of the 131 vehicle wreck. In Prince George's County, 210 injury accidents were reported between 11 AM and 2 PM, including a 38 vehicle pileup at the intersection of Branch Avenue and the beltway. At least 12 injury accidents occurred in Alexandria and 26 were reported in Loudoun County. Four accidents involving 10 or more cars occurred on Interstate 395 in Arlington and Fairfax Counties.

FLORIDA, East Central

NONE REPORTED.

FLORIDA, Extreme Southern

NONE REPORTED.

FLORIDA, Northeastern

NONE REPORTED.

FLORIDA, Northwest

NONE REPORTED.

FLORIDA, Southern

Hendry County

10 WNW Clewiston to
5 WNW Clewiston

05 0900EST
06 1200EST

0 0

Wild/Forest Fire

A wildfire burned 30,000 acres inside the levee of Lake Okeechobee between Moore Haven and Clewiston. Several fish camps and a mobile home park were evacuated. There are no known casualties or damage.

Dade County

Miami Beach

09 1400EST

0 1

Rip Currents

A man nearly drowned in a rip current near Haulover Beach.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
FLORIDA, Southern							
Palm Beach County							
Boca Raton	09	1500EST			1 0		Rip Currents
A 62-year old man drowned in a rip current along an unguarded section of Highland Beach. Winds were east at 20 to 25 mph. M62IW							
Broward County							
Lauderdale By The Sea	25	1100EST			0 1		Rip Currents
A 73-year old man was hospitalized after nearly drowning in a rip current. The man who was vacationing from New York was trying to rescue his 40-year daughter who was also caught in the rip current but escaped unharmed. Winds were east around 20 knots.							
FLZ069							
Coastal Collier							
	26	0806EST			0 0		Fog
A 140-foot ferry boat collided with a 23-foot fishing boat in the Gulf of Mexico about 12 miles west of Marco Island. The collision took place in dense sea fog with visibility less than 100 yards. The fishing boat was sunk , drowning a 40-year old male. Another man on the fishing boat was seriously injured and a third suffered minor injuries.							
FLORIDA, West Central							
FLZ060-062-065 Sarasota - Charlotte - Lee							
	01	0300EST 0830EST			0 0	0 0	Fog
Patchy dense fog reduced visibility to less than a quarter mile over portions of Lee, Charlotte and Sarasota counties.							
FLZ050>052-055>057- Pinellas - Hillsborough - Polk - Manatee - Hardee - Highlands - Sarasota - De Soto - Charlotte - Lee							
060>062-065	02	0300EST 0830EST			0 0	0 0	Fog
Widespread dense fog reduced visibility to less than a quarter mile over portions of West Central and most of Southwest Florida.							
FLZ052 Polk							
	06	0400EST 0800EST			1 0	350K 0	Fog
The combination of dense fog and smoke from a nearby 3,500 acre wildfire caused localized visibility to be reduced to near zero along a dip in U.S. Highway 27 between two hills over extreme northeast Polk county. Two major accidents occurred at the location of the reduced visibility which resulted in one fatality at approximately 5 am EST. Eight vehicles, which involved four tractor-trailers, a gravel truck, a milk truck, a pickup truck and a passenger vehicle, were either destroyed or significantly damaged in the accidents. M33VE							
FLZ039-042>043- Levy - Citrus - Sumter - Hernando - Pasco - Polk - Highlands - Charlotte - Lee							
048>049-052-057-062-065	10	0500EST 0900EST			0 0	0 0	Fog
Patchy dense fog reduced visibility to less than a quarter mile over portions of West Central and Southwest Florida.							
FLZ039-042>043- Levy - Citrus - Sumter - Hernando - Pasco - Pinellas - Hillsborough - Polk - Manatee - Hardee - Highlands -							
048>052-055>057-060>062-065	11	0600EST 0930EST			0 0	0 0	Fog
Widespread areas of dense fog reduced visibility to less than a quarter mile over most of West Central and Southwest Florida.							
FLZ042>043-048>050- Citrus - Sumter - Hernando - Pasco - Pinellas - Polk - Hardee - Highlands - Sarasota - De Soto - Charlotte -							
052-056>057-060>062-065	12	0600EST 0900EST			0 0	0 0	Fog
Patchy dense fog reduced visibility to less than one quarter mile over portions of West Central and Southwest Florida.							
FLZ039-042>043- Levy - Citrus - Sumter - Hernando - Pasco							
048>049	13	0600EST 0900EST			0 0	0 0	Fog
Patchy dense fog reduced visibility to less than a quarter mile over portions of West Central Florida.							
FLZ039-042>043- Levy - Citrus - Sumter - Hernando - Pasco - Polk							
048>049-052	14	0300EST 0900EST			0 0	0 0	Fog
Patchy dense fog reduced visibility to less than a quarter mile over portions of West Central Florida.							

Storm Data and Unusual Weather Phenomena

February 2001

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

FLZ060-062-065

Sarasota - Charlotte - Lee

15	0600EST 0900EST				0	0	0	0	Fog
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Patchy dense fog reduced visibility to less than a quarter mile over portions of Southwest Florida.

FLZ039-042>043-048>049-062-065

Levy - Citrus - Sumter - Hernando - Pasco - Charlotte - Lee

16	0600EST 0900EST				0	0	0	0	Fog
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Patchy dense fog reduced visibility to less than a quarter mile over portions of West Central and Southwest Florida.

FLZ062-065

Charlotte - Lee

17	0400EST 0830EST				0	0	0	0	Fog
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Patchy dense fog reduced visibility to less than a quarter mile over portions of Southwest Florida.

Polk County

2 NW Polk City

18	0900EST				0	0	0	0	Wild/Forest Fire
24	2100EST								

A large wildfire burned over 11,000 acres of mainly grass, scrub trees and shrubs along and north of the Interstate 4 corridor over mainly rural portions of northern Polk county. A ten mile stretch of Interstate 4 was closed between Polk City and Lakeland due to the wildfire for nearly ten days.

The variable smoke plume produced by the wildfire occasionally reduced visibility to between one half and two miles as far west as St. Petersburg in Pinellas county. Also, ash from the smoke plume was deposited as far southwest as Ft. Myers in Lee county of Southwest Florida.

Sarasota County

North Port

19	1500EST 2000EST				0	1	100K	0	Wild/Forest Fire
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An arson suspected 75 acre wildfire damaged two homes, destroyed a tractor and injured a man near the intersection of Toledo Blade and Chamberlain Boulevards in North Port near the Sarasota-Charlotte county line. The injured man was struck in the head by a falling branch and may have been paralyzed from the neck down.

FLZ062-065

Charlotte - Lee

26	0600EST 0830EST				0	0	0	0	Fog
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Patchy dense fog reduced visibility to less than a quarter mile over portions of Southwest Florida.

FLZ052

Polk

27	0600EST 0830EST				0	0	0	0	Fog
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Patchy dense fog reduced visibility to less than a quarter mile over portions of Polk county.

FLZ039-042>043-048>049-052

Levy - Citrus - Sumter - Hernando - Pasco - Polk

27	0700EST 0830EST				0	0	0	0	Fog
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Patchy dense fog reduced visibility to less than a quarter mile over portions of West Central Florida.

FLZ039

Levy

28	0600EST 0830EST				0	0	0	0	Fog
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Patchy dense fog reduced visibility to less than a quarter mile over portions of West Central Florida.

FLORIDA, West Panhandle

NONE REPORTED.

GEORGIA, East Central

NONE REPORTED.

GEORGIA, Lower

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

February 2001

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

GAZ006>008-015>016-024

Fannin - Gilmer - Union - Lumpkin - White - Banks

11	1507EST				0	0	Winter Storm
12	0900EST						

A weak upper-level disturbance, combined with ample Pacific moisture, traversed the state during the afternoon and nighttime hours. The disturbance was riding over a cold, dry surface air mass north of a nearly stationary front across south Georgia. While the precipitation initially fell as rain, evaporative cooling caused the precipitation to mix with sleet and freezing rain at times during the afternoon and evening hours. The frozen precipitation was generally confined to areas north and east of a line from Blue Ridge, to Dahlonega, to Homer. Only trace amounts occurred and no road or travel problems were reported.

Haralson County

Countywide

16	1715EST				0	0	250K Thunderstorm Wind
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The Haralson county Emergency Management Director and the Haralson Gateway Beacon newspaper reported extensive damage throughout the county caused by strong thunderstorm winds. On Estavanko Loop, outside Buchanan, a tree crashed through the residence of a home. In Buchanan, on Macedonia Church Road, the roof was blown off one of the buildings at the Tallatoona Head Start educational facility. At the Big Oak RV Park, near Interstate 20 and Georgia Highway 100, near Tallapoosa, a tree fell on a 2001 Dodge Ram pickup truck. In Bremen, a roof was blown off a beauty shop adjacent to a residence while in nearby Waco, a tree fell on the newly completed fellowship hall at the Waco Baptist church. In Tallapoosa trees were reported down at several residences, two of which fell on homes causing structural damage. Numerous trees, many of which were large oaks, were reported down throughout the county.

Polk County

Countywide

16	1725EST				0	0	25K Thunderstorm Wind
	1745EST						

The Polk county Emergency Management Director reported that numerous trees were blown down on power lines and phone lines throughout the county.

Floyd County

Countywide

16	1730EST				0	0	3K Thunderstorm Wind
	1800EST						

The Polk county 911 center reported several trees down in Rome and a few other locations around the county.

Polk County

Rockmart

16	1730EST				0	0	25K Lightning
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The Polk county Emergency Management Directory reported that lightning set a house on fire. The specific amount of damage was unknown.

Paulding County

3 W Dallas to Dallas

16	1800EST				0	0	3K Thunderstorm Wind (G69)
	1806EST						

The public reported several large pine trees snapped off in Dallas and trees were down on Georgia Highway 92 at Hiram and were blocking traffic in the area. An amateur radio operator estimated winds of 80 mph three miles west of Dallas with debris noted in the area.

Paulding County

7 NE Dallas

16	1801EST				0	0	Hail (1.25)
	1803EST						

A National Weather Service cooperative observer reported quarter to half-dollar size hail.

Cobb County

Countywide

16	1809EST				0	0	30K Thunderstorm Wind (G67) ^M
	1845EST						

Numerous reports of strong winds were received from the public in the Acworth, Powder Springs, and Marietta areas. At Dobbins Air Force Base in Marietta, wind gusts were measured at 77 mph at 1827 EST. Trees were reported down in numerous locations. In Marietta one tree fell on a house and another fell on a car and cracked the windshield. At an apartment complex in on Woodlands Drive in Smyrna, three trees were down, two of which were uprooted. Power companies serving the area reported numerous tree limbs down on power lines throughout the county resulting in widespread power outages and interruptions.

Douglas County

Douglasville to 3 NE Douglasville

16	1810EST				0	0	5K Thunderstorm Wind (G61)
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A storm spotter, who estimated winds at 70 mph, reported damage to a gas station in Douglasville. The public reported that one tree was down and pieces of a tin roof were blown off a barn about halfway between Douglasville and Lithia Springs. Other reports of tree limbs down were received from areas just south of Douglasville.

Bartow County

Cartersville

16	1815EST				0	0	3K Thunderstorm Wind
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The Bartow county 911 center reported that a few trees were blown down in Cartersville.

Carroll County

Carrollton to Villa Rica

16	1815EST				0	0	5K Thunderstorm Wind
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An amateur radio operator reported trees down on Georgia Highway 166 in Carrollton and Villa Rica. The public reported a large 50 foot

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
GEORGIA, North and Central							
billboard broken in half by the wind at exit 5 on Interstate 20 near Villa Rica.							
Cobb County							
Marietta to Acworth	16	1815EST 1820EST			0 0	0.20K	Hail (0.88)
The public reported nickel size hail in Marietta. The hail, when combined with strong 50 mph or greater winds, broke a window in a house. In Acworth, dime size hail was reported.							
Cherokee County							
Woodstock	16	1820EST			0 4	35K	Thunderstorm Wind
The Cherokee county Emergency Management Director reported that glass was blown out of a building in Woodstock injuring four people. Two trees were blown down on a car, and numerous other trees were blown down in the Woodstock area, many on power lines. An amateur radio operator reported that traffic signals were blown down on Georgia Highway 92 at Interstate 575. Much of the damage occurred near Georgia Highway 92.							
Coweta County							
Countywide	16	1822EST 1845EST			0 0	0.10K	Thunderstorm Wind
The Coweta county 911 center reported 3 to 4 small pine trees blown down across the county.							
Fulton County							
3 SSW Adamsville to Roswell	16	1822EST 1850EST			0 0	5K	Thunderstorm Wind
The Roswell police reported several trees down, some of which were on power lines. Another report was received from the public in Roswell of small trees down. Other trees were reported down on Park Bridge Road and Old Milton Parkway. The public reported 20 pine trees snapped off, some at the base, some at the middle, and some at the top, about 9 miles southwest of downtown Atlanta. Some of the trees were thrown some 100 feet to the east.							
Forsyth County							
Ducktown to 3 WNW Big Creek	16	1823EST 1843EST			0 0	15K	Thunderstorm Wind
The public reported 15 large oak and pine trees blown down in extreme western Forsyth county at Ducktown near the Cherokee county line. In addition, a tin roof was ripped off a barn. All of the debris was blown toward the east. In southeast Forsyth county, 4 miles northwest of Brookwood, the county Emergency Management Director reported several trees and power lines were blown down. One tree was reported to be down on a house.							
Clayton County							
Morrow	16	1838EST 1850EST			0 0		Hail (1.75)
The public reported quarter to golf ball size hail on Mount Zion Road.							
Clayton County							
Morrow	16	1838EST 1850EST			0 0	2K	Thunderstorm Wind
The public reported that trees were blown down and trash dumpsters were blown over on Mount Zion Road.							
Gwinnett County							
Countywide	16	1838EST 1900EST			0 0	5K	Thunderstorm Wind
The public reported trees and power lines down throughout the county. In Lawrenceville, a steel shed was blown off its foundation and landed on a fence							
De Kalb County							
Countywide	16	1840EST 1843EST			0 0	20K	Thunderstorm Wind (G65)
The De Kalb county 911 center reported trees and power lines down all across the county. Two trees were blown down on homes. In the Chamblee-Tucker area, winds were estimated at 70 to 80 mph.							
Hall County							
Countywide	16	1847EST			0 0	7K	Thunderstorm Wind
The Hall county 911 center reported trees and power lines down throughout the county.							
Jackson County							
Maysville	16	1852EST			0 0	3K	Thunderstorm Wind
The Jackson county 911 center reported that some trees and power lines were blown down in the extreme northern part of the county in the Maysville area.							
Banks County							
6 SW Homer	16	1855EST			0 0	5K	Thunderstorm Wind
The Banks county 911 center reported that a barn was destroyed and several trees were blown down in the extreme south central part of the county near Maysville and the Jackson county line.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>GEORGIA, North and Central</u>							
Henry County							
1 SW Scarboroughs Xr	16	1857EST			0 0	3K	Thunderstorm Wind
The Henry county 911 center reported trees and power lines down in the far northwest corner of the county in the Fairview subdivision.							
Barrow County							
Countywide	16	1900EST			0 0	5K	Thunderstorm Wind
The Barrow county 911 center reported that trees and power lines were down throughout the county.							
Dawson County							
Dawsonville	16	1900EST			0 0	5K	Thunderstorm Wind
The Dawson county 911 center reported numerous trees down on Georgia Highway 136 and Georgia Highway 400 in Dawsonville.							
Newton County							
Countywide	16	1900EST			0 0	30K	Thunderstorm Wind
The Newton county 911 center and the Covington News reported that part of a roof was blown off the Starrsville United Methodist Church on Dixie Road. Rain ruined the carpet inside and the organ and electric piano also sustained damage. In Covington, a large sign was blown out at the Newton Federal Savings and Loan. Throughout the county, there were many reports of trees down and trees down on power lines.							
Rockdale County							
Conyers	16	1900EST 1915EST			0 0	5K	Thunderstorm Wind
A storm spotter reported that power lines and trees were blown down in Conyers. A local sheriff reported seeing a tornado in the area, but there was no confirmation of a tornado touchdown.							
Walton County							
Loganville to Between	16	1905EST 1910EST			0 0	3K	Thunderstorm Wind
The Walton county 911 center reported some trees and power lines down across the western part of the county.							
Clarke County							
Countywide	16	1920EST 1930EST			0 0	5K	Thunderstorm Wind
The Clarke county 911 center reported that trees and power lines were down across the county.							
Morgan County							
Countywide	16	1925EST 1930EST			0 0	5K	Thunderstorm Wind
The Morgan county 911 center reported that trees and power lines were down throughout the county.							
Jasper County							
1 N Hillsboro	16	1930EST			0 0	1K	Thunderstorm Wind
The Jasper county 911 center reported that three trees were blown down just north of Hillsboro.							
Madison County							
3 WSW Colbert	16	1930EST			0 0	3K	Thunderstorm Wind
The Madison county 911 center reported that two trees were blown down across Georgia Highway 72 between Hull and Colbert. In addition, some road construction barrels were also blown over in the same area.							
Oconee County							
Watkinsville to North High Shoals	16	1930EST 2000EST			0 0	10K	Thunderstorm Wind
The Oconee county 911 center reported that in two separate incidents a tree was knocked down on a home. A storm spotter reported that some small limbs were broken off trees in North High Shoals at the intersection of Georgia Highway 186 and New High Shoals Road.							
Greene County							
Countywide	16	1935EST			0 0	10K	Thunderstorm Wind
The Greene county 911 center reported that trees and power lines were down throughout the county. In one instance, a tree had fallen on a mobile home.							
Oglethorpe County							
Countywide	16	1939EST 2002EST			0 0	5K	Thunderstorm Wind
The Oglethorpe county 911 center reported trees and power lines down throughout the county.							
Butts County							
Worthville	16	1945EST			0 0	2K	Thunderstorm Wind
The Butts county 911 center reported 2 trees down, one on a power line.							
Cherokee County							
Holly Spgs	22	0345EST			0 0	300K	Lightning
The Canton Cherokee Tribune reported that lightning struck the Costume Cabinet Shop on Industrial Way off Univeter Road causing							

Storm Data and Unusual Weather Phenomena

February 2001

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

\$300,000 in damage to the structure and its contents.

Jasper County

Monticello	22	0640EST			0	0	Hail (0.88)
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The public reported nickel size hail.

GEORGIA, Northeast

GAZ010-017>018-026-028>029 Rabun - Habersham - Stephens - Franklin - Hart - Elbert

01	0000EST				0	0	Drought
28	2359EST						

The long term drought's impact became more severe, even during the winter, as water levels in lakes dropped and stream flow on rivers reached the lowest in memory. More and more communities began water restriction, and started preparing for a busy fire weather season.

Elbert County

2 N Bowman to 5 N Bowman	16	1950EST 1953EST	3	440	0	0	20K Tornado (F0)
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A strong cold front crossed the region on the evening of the 16th, resulting in gusty winds and strong to severe thunderstorms. Elbert County Sheriff's Department reported a couple of chicken houses damaged and destroyed. A brief storm survey found mostly evidence of debris blown forward, but one small area of convergent damage was noted. Several witnesses reported seeing the tornado on the ground. The tornado lifted just short of the Hart County line.

GEORGIA, Southeast

NONE REPORTED.

GEORGIA, Southwest

NONE REPORTED.

HAWAII

HIZ001>007

Kauai - Oahu - Maui - North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - Molokai - Lanai - West Hawaii Including Leeward Kohala And Kona

01	0000HST				0	0	High Surf
02	0200HST						

An intense storm low far northwest of the state produced surf of 10 to 12 feet along the north and northwest shores of all the Hawaiian Islands.

Hawaii County

3 NW Laupahoehoe	01	0000HST			0	0	Wild/Forest Fire
	03	1500HST					

A brush fire, initially fanned by strong trade winds, burned about 50 acres between Ookala and Laupahoehoe on the Waimea side of the Kaawalii Gulch on the Big Island. The blaze disrupted traffic between the two towns from time to time, however no homes or other structures were ever threatened by the fire.

Many firefighters from different locales took part in battling the brush fire. One water-bucket carrying helicopter was used to assist the men on the ground. No injuries or serious property damage were reported. The cause of the blaze remained unknown, though fire officials speculated that the initial spark may have been from a cigarette tossed away by a passing motorist.

HIZ004-008

North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - South Hawaii Including Kau

04	1000HST				0	0	High Surf
	2000HST						

A strong trade wind flow produced surf of 3 to 6 feet on the east shores of the island of Hawaii.

HIZ001>005-008

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

05	1200HST				0	0	High Surf
08	2000HST						

A gale low northeast of Hawaii produced surf of 4 to 8 feet along the east shores of all the isles except Lanai. The north-bound lane of Bayfront Highway near Hilo Bay on the Big Island was closed from time to time from the 5th to the 8th due to water coming across the road.

HIZ004

North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna

05	1800HST				0	0	High Wind (G61) ^M
06	1000HST						

Southwest winds of 50 to 60 mph, with gusts to 70 mph, occurred near the summits of Mauna Kea and Mauna Loa on the island of Hawaii.

Hawaii County

Pahoa to Volcano	08	0300HST 0600HST			0	0	Flash Flood
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Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>HAWAII</u>							
Heavy showers and thunderstorms produced flash flooding conditions for parts of the Puna District on the island of Hawaii. However, no serious property damage or injuries were reported.							
Hawaii County							
Pahoa to Volcano	08	0745HST 1100HST			0 0		Urban/Sml Stream Fld
Rain and showers produced minor stream flooding and the overflowing of drainage ditches in parts of the Puna District on the island of Hawaii. Nos serious injuries or property damage were reported.							
Hawaii County							
Pahala to Naalehu	08	1030HST 1330HST			0 0		Urban/Sml Stream Fld
Showers and thunderstorms produced ponding of roadways and minor stream and drainage ditch flooding in parts of the Kau District on the island of Hawaii. No serious injuries or property damage were reported.							
Honolulu County							
Kailua to Hawaii Kai	08	1510HST 1810HST			0 0		Urban/Sml Stream Fld
Heavy showers caused some overflowing of drainage ditches and minor street and stream flooding in eastern parts of Oahu. No serious injuries or property damage were reported.							
Maui County							
Haiku to Hana	08	1615HST 1915HST			0 0		Urban/Sml Stream Fld
Heavy showers and thunderstorms produced ponding of roadways and stream and drainage ditch flooding in windward sections of East Maui. No serious injuries or property damage were reported.							
Hawaii County							
Hilo to Volcano	08	1620HST 1920HST			0 0		Urban/Sml Stream Fld
Showers and thunderstorms caused minor stream and street flooding and overflowing of drainage ditches in areas of the South Hilo and Puna districts on the island of Hawaii. No serious property damage or injuries were reported.							
Kauai County							
Hanalei to Anahola	08	1845HST 2145HST			0 0		Urban/Sml Stream Fld
Thunderstorms and heavy showers produced ponding of roadways and stream flooding in northern and northeast parts of Kauai. No serious injuries or property damage were reported.							
Honolulu County							
Laie to Kailua	08 09	2235HST 0145HST			0 0		Urban/Sml Stream Fld
Showers and thunderstorms produced ponding of roadways, minor stream flooding and overflowing of drainage ditches in northern and northeast sections of Oahu. No serious injuries or property damage were reported.							
Kauai County							
Kilauea to 3 WNW Hanalei	09	0700HST 0920HST			0 0		Urban/Sml Stream Fld
Heavy rain and thunderstorms produced flooding on Kuhio Highway leading to the Hanalei Bridge. The road was closed from 0700 to 1600 on the 9th.							
Kauai County							
Kilauea to 3 WNW Hanalei	09	0920HST 1400HST			0 0		Flash Flood
Extensive flooding and road closures were reported across northern Kauai. Landslides occurred on roads in Wainiha and Kalihiwai. Kula and Hanalei schools were closed due to rain-related problems. Some lower floors of the Hanalei Bay Resort were flooded as well. Four feet of water was reported flowing across Wainiha Bridge during the late morning hours.							
Honolulu County							
Makaha to 7 NNW Makaha	09	1250HST 1550HST			0 0		Urban/Sml Stream Fld
Heavy showers caused minor stream and drainage ditch flooding and ponding of roadways in western areas of Oahu. No serious injuries or property damage were reported.							
Kauai County							
Hanalei to 14 SW Hanalei	10	0425HST 0525HST			0 0		Urban/Sml Stream Fld
Heavy showers produced minor stream flooding and ponding of roadways in northern and northwest sections of Kauai. No serious injuries or damage were reported.							

Storm Data and Unusual Weather Phenomena

February 2001

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

A storm low far northwest of the state caused surf of 10 to 12 feet along the north and northwest shores of all the islands.

Honolulu County

1 NNE Waimea

26

**1520HST
1545HST**

0 0

Waterspout

A waterspout came ashore near Ehukai Beach on the North Shore of Oahu. The phenomenon dissipated on the rocks as it pushed inland. No property damage or injuries were reported.

Honolulu County

Central Portion

26

**1555HST
1735HST**

0 0

Urban/Sml Stream Fld

Heavy rain and showers caused overflowing of drainage ditches and minor stream and street flooding in the Aiea-Pearl City area of central Oahu. No serious injuries or property damage were reported.

Honolulu County

**Makakilo City to
Ewa**

26

**1730HST
1900HST**

0 0

Urban/Sml Stream Fld

Heavy showers and rain produced ponding of roadways and flooding of small streams and drainage ditches in southwestern parts of Oahu. No serious property damage or injuries were reported.

IDAHO, Extreme Southeast

NONE REPORTED.

IDAHO, North

IDZ005>006-010

Northern Clearwater Mountains - Southern Clearwater Mountains - Eastern Lemhi County

02

0600MST

0 0

Heavy Snow

03

0600MST

24 hour snowfall totals for winter storm that impacted north central Idaho were: In Clearwater County, Cool Creek 12 inches, Hemlock Butte 11 inches, Elk Butte 9 inches and Elk River 7 inches; in Idaho County, Savage Pass 7 inches; in Lemhi County, Saddle Mountain 8 inches.

IDZ005>006

Northern Clearwater Mountains - Southern Clearwater Mountains

04

0600MST

0 0

Heavy Snow

05

0600MST

24 hour snowfall totals from winter storm that impacted the Clearwater Mountains were: In Clearwater County, Cool Creek 15 inches, Hemlock Butte 16 inches, and Elk Butte 12 inches; in Idaho County, Mountain Meadows 8 inches, and Savage Pass 15 inches.

IDZ005>006

Northern Clearwater Mountains - Southern Clearwater Mountains

15

**0600MST
1800MST**

0 0

Winter Storm

12 hour snowfall totals for a winter storm that impacted the Clearwater Mountains were: in Clearwater County, 16 inches at Cool Creek, 14 inches at Elk Butte, 12 inches at Shanghai Summit, and 8 inches at Elk River; and in Idaho County, 8 inches at Savage Pass.

IDAHO, Northwest

IDZ001>002-004

Northern Panhandle - Coeur D'Alene Area - Central Panhandle Mountains

04

**0200PST
1400PST**

0 0

Heavy Snow

Mild southwest flow aloft moving over cool air trapped in the mountain valleys of the northern Idaho panhandle brought heavy snow on February 4. Valley snowfall totals of 4 to 8 inches were common. Locations further south changed over to rain before snowfall accumulations could become heavy. Specific snowfall totals include: Schweitzer Ski Area...13", Silver Mountain Ski Area...12", Lookout Pass Ski Area...10", Priest River...6", Sandpoint...5.1", and northern Kootenai County...4".

IDZ001>004

Northern Panhandle - Coeur D'Alene Area - Idaho Palouse - Central Panhandle Mountains

16

**0600PST
1800PST**

0 0

Heavy Snow

An arctic air mass quickly invaded the Idaho panhandle on February 15. A low pressure center then formed off the Washington coast that afternoon, drawing warm moist air over the dome of cold air. This led to heavy snow for the central panhandle. Valley snowfall totals of 3 to 6 inches were common in this area. Moisture did not get far enough north to bring heavy snow north of Coeur D'Alene, while snow levels around 2000 feet kept snow out of the Lewiston Valley. Specific snowfall totals include: Lookout Pass Ski Area...11", Bovill...6", Athol...4.3", Saint Maries...4", Potlatch...4", and Kootenai County...2-4".

IDAHO, Southeast

IDZ019-021>023-031

Upper Snake Highlands - Lower Snake River Plain - South Central Highlands - Caribou Highlands - Big And Little Wood River Region

20

0000MST

0 0

Heavy Snow

21

0600MST

A heavy wet snowfall moved across southeastern Idaho. The heaviest snowfall was reported in Victor where 15 inches fell. 8 inches was recorded at Driggs with 6 inches at Galena Lodge. 10 to 14 inches fell at elevations above 6,000 feet in the southeastern mountains. 12

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>IDAHO, Southeast</u>							
inches fell at elevations of 6,00 feet in the benches surrounding Pocatello. 4 inches fell in the city of Pocatello closing schools and causing several accidents and slideoffs within the city.							
IDZ032			Lost River / Pahsimeroi				
	23	0600MST 2000MST			0 0		Heavy Snow
Localized heavy snow fell in the Lost River region with 10 inches reported at Crates of the Moon National Monument and 8 inches at the INEEL Concord Station.							
<u>IDAHO, Southwest</u>							
NONE REPORTED.							
<u>ILLINOIS, Central</u>							
Sangamon County							
Springfield to Divernon	09	0820CST 0825CST			0 0		Thunderstorm Wind (G50)
Twelve power poles were snapped off on Archer Elevator Rd between Iles Avenue and Wabash Avenue in Springfield. In Divernon, a power pole was snapped off.							
Logan County							
Lincoln Logan Co Arp to Chestnut	09	0832CST 0850CST			0 0		Thunderstorm Wind (G55) ^M
Christian County							
Palmer	09	0900CST			0 0		Thunderstorm Wind (G50)
Trees blown down.							
De Witt County							
Kenney	09	0900CST			0 0		Thunderstorm Wind (G50)
Large tree limb reported down.							
Macon County							
Decatur	09	0915CST			0 0		Thunderstorm Wind (G50)
Power lines blown down.							
Piatt County							
Cerro Gordo	09	0930CST			0 0		Thunderstorm Wind (G50)
Power lines blown down.							
Shelby County							
Shelbyville	09	1000CST			0 0		Thunderstorm Wind (G50)
3 ft by 10 ft sign on telephone pole blown down by high winds.							
Moultrie County							
3 W Sullivan	09	1010CST			0 0		Thunderstorm Wind (G50)
Large tree fell on railroad tracks across from Route 121 due to high winds.							
Cumberland County							
Toledo	09	1330CST 1700CST			0 0		Flash Flood
Flash flooding was reported in Toledo, as well as throughout much of the county after 1 to 3 inches of rain fell on frozen ground during the late morning and early afternoon hours. Portions of State Route 45 were reported underwater in and around the Toledo area.							
Effingham County							
Effingham	09	1330CST 1645CST			0 0		Flash Flood
Radar estimated 1 to 3 inches of rain falling on frozen ground across the area during the late morning and early afternoon hours. Numerous streets in Effingham were reported flooded and State Route 45 in Effingham was reported to be under water.							
Clark County							
Casey	09	1345CST 1645CST			0 0		Flash Flood
State Route 49, south of Casey, was reported to be flooded in spots.							
Coles County							
Countywide	09	1345CST 1645CST			0 0		Flash Flood
High water was reported across the county, with several county intersections underwater.							
Edgar County							
Paris	09	1345CST 1645CST			0 0		Flash Flood
Streets in the towns of Paris and Kansas were reported under water as a result of 1 to 3 inches of rain falling on frozen ground.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>ILLINOIS, Central</u>							
Knox County							
Countywide	24	1800CST 2345CST			0 0	0	Flash Flood
Widespread areas of county road flooding was noted...mainly in the northwest. A county road, 4 miles northwest of Rio, was reported to have 2 to 3 feet of water covering it along a 100 foot stretch. The road was blocked off, but not before a mini van drove into the flooded area. No injuries were reported in this incident.							
Champaign County							
Countywide	24 25	2000CST 0100CST			0 0	0	Flash Flood
Local officials noted numerous roads in mainly the northern part of the county were flooded. Barricades were placed in many locations.							
<u>ILLINOIS, Northeast</u>							
ILZ003>006-008-010>014-019>023-032>033-039	Winnebago - Boone - Mchenry - Lake - Ogle - Lee - De Kalb - Kane - Du Page - Cook - La Salle - Kendall - Grundy - Will - Kankakee - Livingston - Iroquois - Ford						
	25	0400CST 1600CST			0 0		Strong Wind
An intense area of low pressure brought strong winds to northern Illinois and northwest Indiana. Peak wind gusts were near 50 mph. Some recorded winds include 56 mph at Morris in Grundy County, 55 mph at Waukegan in Lake County, 53 mph at Rockford in Winnebago County, and 49 mph at O'Hare Airport in Chicago. The winds knocked down a few tree limbs causing scattered power outages. Altogether 74,000 ComEd customers lost power. There was some minor damage at construction sites in Evanston and Northbrook. Also in Evanston, a window was blown out on a high rise building. Flights were delayed from an hour to 90 minutes at O'Hare Airport.							
<u>ILLINOIS, Northwest</u>							
Carroll County							
Countywide	07 08	1500CST 0200CST			0 0		Freezing Rain
ILZ001>002	Jo Daviess - Stephenson						
	07 08	1500CST 0200CST			0 0		Ice Storm
A strong storm system moved slowly over the Middle Mississippi Valley during the mid to latter portion of the week. The first wave of precipitation developed over the region during the afternoon ahead of a northward advancing warm front. Warm, moist air overrunning shallow, cold air resulted in freezing rain, freezing drizzle and some sleet. The icy mix was responsible for numerous minor accidents, and scattered power outages.							
ILZ007-016-034>035	Carroll - Henry - Hancock - McDonough						
	08 09	2300CST 1900CST			0 0		Winter Storm
The second phase of the storm system began with rain, heavy at times, during the afternoon. As the storm system began to pull east late Thursday night and Friday morning, colder air overspread the region changing the rain to a wintry mix, and then to snow. Much of the area had ice accumulations of around 1/4 inch, with snowfall amounts of 1 to 4 inches. The snow tapered off during the late afternoon. Strong northwest winds gusting to around 40 mph whipped the freshly fallen snow around, creating near whiteout conditions.							
ILZ001>002-007-009-015>016-024	Jo Daviess - Stephenson - Carroll - Whiteside - Rock Island - Henry - Mercer						
	14	0500CST 1600CST			0 0		Freezing Rain
Low pressure developed along a slow moving cold front. Moisture riding up and over this boundary produced widespread precipitation. The precipitation changed from rain to a wintry mix, and eventually snow as colder air sagged south during the day. Numerous minor accidents were reported. Snowfall amounts ranged from 1 to as much as 4 inches, with most of the snow accumulating in areas north of Interstate 80. Most of the precipitation fell as sleet, freezing rain and freezing drizzle along and south of Interstate 80. Ice accumulations were minor.							
ILZ001>002-007	Jo Daviess - Stephenson - Carroll						
	23 24	2230CST 0900CST			0 0		Winter Storm
ILZ009-015>018-024	Whiteside - Rock Island - Henry - Bureau - Putnam - Mercer						
	23 24	2230CST 0900CST			0 0		Freezing Rain
A strong storm system, which developed over the southern plains, moved northeast into the Middle Mississippi Valley by evening. Strong low level warm advection associated with moist southerly flow resulted in widespread freezing rain and sleet, with some snow. All of the area had ice accumulation, with the heaviest occurring north of Highway 30 where amounts ranged from 1/4 to 1 inch. Travel was quite treacherous and numerous accidents were reported.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
ILLINOIS, Northwest							
Bureau County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Carroll County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Hancock County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Henderson County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Henry County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Mcdonough County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Mercer County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Putnam County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Rock Island County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Warren County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Whiteside County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
<p>In phase two of the storm system, temperatures gradually rose during the morning allowing the wintry mix to change over to rain. Rain, heavy at times, continued into the evening. Rainfall amounts of 1 to 1.5 inches was common. This caused numerous reports of street and small stream flooding. The quick runoff, caused by the frozen ground, sent several rivers in Southeast Iowa, West Central Illinois and Northeast Missouri out of their banks. Flooding occurred along the following rivers: Wapsipinicon, Rock, Green, Cedar, Iowa, Skunk, English and La Moine.</p>							
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						
	25	0200CST 1600CST			0 0		High Wind (G50) ^M
<p>As the storm system pulled away from the region, very strong winds gusted to between 45 and 55 mph during the day. Scattered minor power outages were reported throughout the region.</p>							
ILZ009-015>016	Whiteside - Rock Island - Henry						
	25	2245CST			0 0		Flood
	28	0000CST					
ILZ009-015>016	Whiteside - Rock Island - Henry						
	25	2245CST			0 0		Flood
	28	0000CST					

River and streams then rose again abruptly February 25 in response to another significant precipitation (i.e., rain) event as well as river and stream ice action. While some crests were similar to or less than those experienced earlier in the month, other areas experienced significantly higher water levels. The main (and most popular) event was flooding on the Rock River upstream from Moline IL, which experienced its most significant ice jam-related flooding since 1997. From February 25 through early March, ice jams formed, broke, and re-formed on the Rock River, helping force occasional rapid local water level rises. The Rock River near Joslin gage recorded a peak crest of 18.02 ft, the 5th highest crest on record there. Water level reports from area residents and law enforcement included several "it's the highest I've ever seen" type comments. These occurrences were certainly possible since the ice forced local rises which could have been a few feet

Storm Data and Unusual Weather Phenomena

February 2001

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

higher than any rises recorded by official gaging stations. Due to the Rock River's sometimes rapid local rises during this event, some of the damage was more extensive than normal since some people did not have the preparation time they would usually have with warm-season river flooding. The Rock River ice jams and related flooding from late February into early March drew both local and national media attention.

ILLINOIS, South

ILZ087-092>094

Gallatin - Alexander - Pulaski - Massac

19	0400CST				0	0	
28	2359CST						Flood

The Ohio River rose above its flood stage at several points along the Illinois shore. The crests were 2 to 3 feet above flood stage, which resulted in minor to moderate flooding of low-lying agricultural bottomland. The locations which exceeded flood stage were Shawneetown, Brookport, Grand Chain, and Cairo. All locations crested on February 23. Cairo and Grand Chain remained slightly above flood stage into early March, while locations upriver fell below flood stage by the end of the month.

ILZ083>094

White - Jackson - Williamson - Saline - Gallatin - Union - Johnson - Pope - Hardin - Alexander - Pulaski - Massac

21	2000CST				0	0	
22	0300CST						Winter Storm

Several hours of moderate to heavy sleet and freezing rain occurred, sometimes accompanied by thunder and lightning. The precipitation was mainly in the form of sleet in most areas, with up to an inch of sleet accumulation. In the southernmost tip of Illinois, from Cairo to Metropolis, freezing rain was more prevalent. Freezing rain glazed some surfaces, mainly trees and power lines, with up to one quarter inch of ice. On the day following the storm, numerous schools were closed. The liquid equivalent of the precipitation ranged from one quarter inch at Carbondale to just under an inch over the southern tip of Illinois near Cairo.

Alexander County

Countywide

24	2020CST				0	0	4K	
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There were several reports of trees falling across roads.

Pulaski County

Ullin to Mounds

24	2020CST				0	0	3K	
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A utility pole was snapped in Mounds. Gusts were estimated near 60 MPH at Ullin.

Union County

Countywide

24	2025CST				0	0	8K	
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About a half dozen reports were received of trees falling on roads.

Franklin County

Sesser

24	2030CST				0	0	10K	
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About 15 power poles were knocked down along Route 154. The poles, which were 18 to 24 inches in diameter, were snapped off at 10 feet above ground level.

Massac County

Unionville

24	2100CST				0	0	3K	
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Two power lines were blown down.

Johnson County

.5 N Goreville to 5 ENE Goreville

24	2100CST				0	0	5K	
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A transformer was damaged by wind on the north edge of Goreville, causing a power outage. At the Lake of Egypt Recreation Area, a tree was blown across the road.

ILZ084

Jackson

27	0800CST				0	0	
28	2359CST						Flood

Due to backwater effects from the flooding Mississippi River, the Big Muddy River rose to flood stage at Murphysboro on the last two days of the month. The river was no more than a foot above flood stage, so only minor flooding of cropland occurred.

ILZ084-088-092

Jackson - Union - Alexander

28	0800CST				0	0	
	2359CST						Flood

The Mississippi River rose to flood stage at Thebes on the last day of the month. Since the river was barely above flood stage, no significant flooding occurred.

ILLINOIS, Southwest

Jersey County

Grafton

09	0758CST				0	0	
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Thunderstorm wind gusts damaged the roof of a mobile home in Grafton. Numerous trees, power lines and advertising signs were downed as well.

Storm Data and Unusual Weather Phenomena

February 2001

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

Jersey County

Jerseyville **09** **0810CST** **0** **0** **Thunderstorm Wind (G55)**
 Local law enforcement reported trees down or damaged on the north and east sides of Jerseyville.

St. Clair County

Paderborn **24** **1830CST** **1** **0** **Lightning**
 A man was killed on his farm near Paderborn by an apparent lightning strike. Authorities believe he was trying to move some cattle inside when the lightning struck, killing him instantly. M33OU

ILZ058>059-079-095>102

Greene - Macoupin - Randolph - Adams - Brown - Pike - Calhoun - Jersey - Madison - St. Clair - Monroe
25 **0000CST** **0** **0** **High Wind (G40)**
 Strong gradient winds from a deep low pressure system over the upper Midwest produced winds of 30 to 35 mph with gusts from 45 to 50 mph across the region. Minor tree, power line, and roof damage was common across the area.

INDIANA, Central

INZ042

Randolph
09 **0100EST** **0** **0** **Flood**
 Heavy rain caused minor flooding along the Mississinewa River near Ridgeville. The river crested at 10.5 feet or a half a foot above flood stage on the 9th.

INZ028>029-035-043>044-051-060

Warren - Tippecanoe - Fountain - Vermillion - Parke - Vigo - Sullivan
09 **2130EST** **0** **0** **Flood**
23 **0700EST**
 Around an inch of rain fell on the 9th and combined with already above normal river levels caused widespread flooding along the Wabash River from Lafayette to just north of Vincennes. The flooding was the highest in 2 years along the Wabash. Numerous roads were closed and cabins, parks and agricultural bottomland effected.

Here are the following crests:
 Lafayette: 17.18 (flood stage is 11 feet) on the 11th
 Covington: 20.69 (flood stage is 16 feet) on the 13th
 Montezuma: 19.93 (flood stage is 14 feet) on the 21st
 Terre Haute: 17.68 (flood stage is 14 feet) on the 21st
 Hutsonville: 19.90 (flood stage is 16 feet) on the 20th
 Riverton: 18.21 (flood stage is 15 feet) on the 20th

INZ045-053

Putnam - Owen
09 **2300EST** **0** **0** **Flood**
11 **0700EST**
 Around an inch of rain on the 9th caused minor flooding along Mill Creek at Cataract. The creek crested at 11.66 feet or 1.66 feet above flood stage.

INZ031

Howard
10 **1200EST** **0** **0** **Flood**
1800EST
 Heavy rain on the 9th caused minor flooding along Wildcat Creek near Kokomo. The Creek reached 10.13 feet or 0.13 feet above flood stage.

INZ045-053

Putnam - Owen
24 **2300EST** **0** **0** **Flood**
26 **2300EST**
 Around an inch of rain caused minor flooding along Mill Creek near Cataract. The creek crested at 11.63 feet or 1.63 feet above flood stage on the 25th.

INZ028>029-035-043>044-051-060

Warren - Tippecanoe - Fountain - Vermillion - Parke - Vigo - Sullivan
25 **1430EST** **0** **0** **Flood**
28 **2359EST**
 1 to 3 inches of rain across the Upper Wabash on the 25th caused another flooding episode into early March across the Wabash River from Lafayette to just north of Vincennes. Numerous roads, parks and agricultural bottomland were all water covered.

The following are crests along the Wabash from the 25th through the end of the month:

Lafayette: 15.48 feet (flood stage is 11 feet) on the 26th
 Covington: 19.5 feet (flood stage is 16 feet) on the 28th

Storm Data and Unusual Weather Phenomena

February 2001

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

Montezuma: 20.1 feet (flood stage is 14 feet) on the 28th

Note: The Wabash did not crest until early March from Terre Haute downstream.

INDIANA, Northeast

NONE REPORTED.

INDIANA, Northwest

INZ001>002-010>011- Lake - Porter - Newton - Jasper - Benton 019

25	0400CST 1600CST						Strong Wind
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An intense low pressure system brought strong winds to northwest Indiana. Peak wind gusts were around 50 mph. The wind knocked down tree limbs and power lines, causing scattered power outages. Altogether, 9000 NIPSCO customers lost power.

INDIANA, South Central

Crawford County

English	25	0145EST					Thunderstorm Wind (G60)
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Harrison County

Corydon	25	0155EST					Thunderstorm Wind (G60)
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Orange County

Countywide	25	0155EST					Thunderstorm Wind (G60)
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Washington County

Salem	25	0200EST					Thunderstorm Wind (G60)
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Thunderstorm winds downed trees over parts of South Central Indiana.

INDIANA, Southeast

Ripley County

Osgood	25	0300EST 0305EST				2K	Thunderstorm Wind (G50)
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Two trees were knocked down by thunderstorm winds.

INDIANA, Southwest

INZ087

Warrick

21	0400CST						Flood
22	1600CST						

The Ohio River rose above its flood stage at Newburgh for about 24 hours. The crest of 38.16 feet was only inches above the 38-foot flood stage. This resulted in just some minor flooding of low-lying agricultural bottomland.

INZ085>088

Posey - Vanderburgh - Warrick - Spencer

22	0100CST 0400CST						Winter Storm
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Several hours of moderate sleet and snow occurred, sometimes accompanied by thunder and lightning. The sleet accumulated to a depth of one inch. The liquid equivalent of the precipitation was 0.25 inch at Evansville.

IOWA, Central

IAZ026>028-036>039-046>050-057>062-070>075-081>086-092>097 Franklin - Butler - Bremer - Hamilton - Hardin - Grundy - Black Hawk - Greene - Boone - Story - Marshall - Tama - Audubon - Guthrie - Dallas - Polk - Jasper - Poweshiek - Cass - Adair - Madison - Warren - Marion - Mahaska - Adams - Union - Clarke - Lucas - Monroe - Wapello - Taylor - Ringgold - Decatur - Wayne - Appanoose - Davis

08	1600CST					2.7M	Ice Storm
09	0600CST						

A very intense storm system moved into the western U.S. during the first and middle part of the week. This system began to affect the central U.S. by the middle of the week as pieces of energy lifted northeast from the main system. The weather made a turn for the worse on the evening of the 7th and early morning of the 8th as the first round of freezing precipitation began. This event was not a major event, but did cause glazing over a good part of the state and resulted in many school closings. Very warm and humid air streamed north ahead of the main system during the day on the 8th. Surface dew point temperatures rose into the 60s across southeast Kansas into central Missouri. In contrast to that, Arctic high pressure was poised to the north of Iowa. A sharp frontal boundary extended from Kansas into southeast Iowa. While the southeast corner of the state saw temperatures soar into the low 60s, northwest Iowa fell into the single digits. Warm air aloft, with a layer of air as warm as 55 degrees F., was in place over Iowa. Rain began to fall during the afternoon of the 8th and continued through the night. Thunderstorms accompanied the rain, increasing amounts of ice accumulation considerably. Nearly all of the southeast two thirds of the state picked up one quarter to one half inch of ice accumulation. There were numerous reports of fallen tree limbs and power outages. Damage occurred due to falling limbs as well as freezing damage caused by power outages. Fortunately, widespread power outages did not occur. Road surfaces became completely ice covered over all of the state. There were hundreds of reports of people falling

Storm Data and Unusual Weather Phenomena

February 2001

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

on the ice, resulting in injury. Nearly all activities in the state were called off for the 9th. Travel became very hazardous. Reports of accidents and jack-knifed trucks were far too numerous to mention. In large part this was because of the icing, but also due to a winter storm which will be mentioned below.

IAZ026>028-036>039-046>050-057>062-070>075-081>086-092>097 **Franklin - Butler - Bremer - Hamilton - Hardin - Grundy - Black Hawk - Greene - Boone - Story - Marshall - Tama - Audubon - Guthrie - Dallas - Polk - Jasper - Poweshiek - Cass - Adair - Madison - Warren - Marion - Mahaska - Adams - Union - Clarke - Lucas - Monroe - Wapello - Taylor - Ringgold - Decatur - Wayne - Appanoose - Davis**

08	2300CST				0	0	1.8M	Winter Storm
09	1700CST							

As the storm system mentioned above continued to evolve, cold air was drawn into the system. In part, the cold air moved in, brought in on northerly winds behind the surface low. A secondary factor was the convection. As thunderstorms continued to move northeast into Iowa, the freezing rain that was falling began to transition over to frozen precipitation. Initially freezing rain became mixed with and changed over to ice pellets as the cold air became deeper. The transition was slow with an extended period of ice pellets in many areas. It was not uncommon to receive reports of an inch or more of accumulation of the ice pellets. The transition eventually worked its way southeast across the state and by sunrise on the 9th all of the Des Moines CWA had changed over to snow. Snow fell heavy for a period of time with snow falling at nearly an inch per hour shortly after the change to snow occurred. During the mid day hours of the 9th, the upper level low pressure system moved across the state. This produced another band of heavy snow with snowfall rates of one to two inches per hour. The snow did not last a long time from this part of the storm however. By the time all was said and done, four to six inches of snow was common from southwest, into central, and into northeast Iowa. Some of the heaviest snow occurred over the southwest and south central counties of the state where more thunderstorms were reported. The town of Lenox in Taylor County reported 9.5 inches of snow from the storm. There were numerous reports of 5 to 6 inch snowfall amounts occurring during the morning and early afternoon of the 9th in the central counties from Des Moines north through Ames and Marshalltown. As the surface low began to move away from Iowa, winds increased from the northwest. Gusty northwest winds of 20 to 35 MPH caused considerable blowing and drifting snow with numerous reports of visibility near zero during the afternoon hours. Travel was not recommended over all but the far northwest part of Iowa. Interstate 80 was closed from Des Moines west to Omaha. Interstate 35 was closed from Des Moines north to the Minnesota border. The National Guard was called out during the afternoon of the 9th to help rescue stranded motorists. State and Federal offices were closed across the state on the 9th as well as most businesses. Nearly all activities were postponed or canceled.

IAZ083>084-095>096 **Clarke - Lucas - Wayne - Appanoose**

24	1200CST				0	0	30K	Flood
25	1800CST							

A major storm produced significant precipitation across the HSA on the 23rd and 24th, producing mostly rain and a little light snow. The center of the low pressure moved from the southwest to the northeast corner of Iowa, passing nearly over Des Moines. This track of the low allowed substantial amounts of warm air to be drawn north, producing rain all the way into southeast Minnesota. Fortunately, the heaviest rainfall was over southern Iowa where the existing snow cover was mostly melted. Some locations in the south received well in excess of an inch of rain, which caused some minor flooding in the Chariton River Basin. Promise City on the South Fork Chariton River reached 20.61 feet on the 25th. Flood stage is 18 feet. Flood damage was relatively minor and limited to agricultural land for the most part.

IAZ004>007-015>017-023>026 **Emmet - Kossuth - Winnebago - Worth - Palo Alto - Hancock - Cerro Gordo - Pocahontas - Humboldt - Wright - Franklin**

25	0300CST				0	0	275K	Blizzard
	1500CST							

A powerful late winter storm moved through the central u.s. on the 24th and 25. Low pressure formed over eastern Colorado and tracked into southwest Iowa by the evening of the 24th. The low "bombed" out as it tracked northeast across Iowa and into northeast Wisconsin by the morning of the 25th. Temperatures warmed well above freezing over all of the Des Moines CWA during the late afternoon and evening of the 24th. As the low tracked northeast, a line of showers and thunderstorms marked the passage of a cold front. Temperatures fell below freezing within a few hours of the fronts passage. Winds increased rapidly from the west to northwest. During the early morning hours, winds across the entire state were sustained at 30 to 40 MPH with frequent gusts to around 50 MPH. The winds continued into the mid afternoon hours. Blizzard conditions developed across the north central counties of the state before dawn on the 25th. Very little in the way of snowfall occurred. In fact, most of the snow on the ground was packed ice and not able to blow. An area of light snow moved through northern Iowa between midnight and 6 AM CST. Visibility decreased as wind driven snow in suspension swept southeast into Iowa out of Minnesota. Just north of the Iowa border, significant snow had fallen and was able to blow. Low level winds in excess of 70 MPH were able to transport the blowing snow south. Visibility decreased to under one quarter of a mile very rapidly over the north central sections of the state. Numerous roads, in fact nearly all, were closed due to poor visibility and drifting snow. A serious accident occurred in Interstate 35 south of Clear Lake involving three tractor semi-trailers and several cars. Reports from emergency personnel indicated ambulance rescue was nearly impossible, and in fact delayed for a period, as it was not possible to determine whether they were traveling in the northbound or southbound lane of the interstate. The Interstate was closed at that point. The Iowa State Highway Patrol closed Interstate 35 from U.S. Highway 20 north to the Minnesota border. As the surface low continued to exit the region at a very fast pace, winds decreased during the mid and late afternoon hours. Visibility increased over the enter blizzard to greater than three miles by the late afternoon.

IOWA, East Central and Southeast

Cedar County

Countywide	07	1500CST			0	0	Freezing Rain
	08	0200CST					

Storm Data and Unusual Weather Phenomena

February 2001

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

Clinton County

Countywide	07	1500CST			0	0	Freezing Rain
	08	0200CST					

IAZ040>042-051>054 Buchanan - Delaware - Dubuque - Benton - Linn - Jones - Jackson

	07	1500CST			0	0	Ice Storm
	08	0200CST					

Iowa County

Countywide	07	1500CST			0	0	Freezing Rain
	08	0200CST					

Johnson County

Countywide	07	1500CST			0	0	Freezing Rain
	08	0200CST					

Keokuk County

Countywide	07	1500CST			0	0	Freezing Rain
	08	0200CST					

Washington County

Countywide	07	1500CST			0	0	Freezing Rain
	08	0200CST					

A strong storm system moved slowly over the Middle Mississippi Valley during the mid to latter portion of the week. The first wave of precipitation developed over the region during the afternoon ahead of a northward advancing warm front. Warm, moist air overrunning shallow, cold air resulted in freezing rain, freezing drizzle and some sleet. The icy mix was responsible for numerous minor accidents, and scattered power outages. More than 160 people were treated for injuries sustained from falling on ice. The icy conditions also affected proceedings at the Iowa Statehouse. Planned debates in the Senate were cancelled, as were most committee meetings.

IAZ040>042-051>054- Buchanan - Delaware - Dubuque - Benton - Linn - Jones - Jackson - Iowa - Johnson - Muscatine - Keokuk -

063>064-067-

076>077-087>089-

098>099

Washington - Jefferson - Henry - Des Moines - Van Buren - Lee

	08	2300CST			0	0	Winter Storm
	09	1900CST					

The second phase of the storm system began with rain, heavy at times, during the afternoon. As the storm system began to pull east late Thursday night and Friday morning, colder air overspread the region changing the rain to a wintry mix, and then to snow. Much of the area had ice accumulations of around 1/4 inch, with snowfall amounts of 1 to 4 inches. The snow tapered off during the late afternoon. Strong northwest winds gusting to around 40 mph whipped the freshly fallen snow around, creating near whiteout conditions. An eleven car pileup occurred on Highway 30 at the Highway 218 intersection in Benton County. There were numerous minor accidents and scattered power outages. Malls, schools, businesses and government offices were closed in Cedar Rapids.

IAZ040>042-051>054- Buchanan - Delaware - Dubuque - Benton - Linn - Jones - Jackson - Iowa - Johnson - Cedar - Clinton -

063>068-076>078-

087>088

Muscatine - Scott - Keokuk - Washington - Louisa - Jefferson - Henry

	14	0500CST			0	0	Freezing Rain
		1600CST					

Low pressure developed along a slow moving cold front. Moisture riding up and over this boundary produced widespread precipitation. The precipitation changed from rain to a wintry mix, and eventually snow as colder air sagged south during the day. Numerous minor accidents were reported. Sections of Interstate 80 from Grinnell to Williamsburg to Davenport were closed because of the many accidents. Snowfall amounts ranged from 1 to as much as 4 inches, with most of the snow accumulating in areas north of Interstate 80. Most of the precipitation fell as sleet, freezing rain and freezing drizzle from Interstate 80 south to Highway 34. Ice accumulations were minor.

IAZ040>042-051>054 Buchanan - Delaware - Dubuque - Benton - Linn - Jones - Jackson

	23	2230CST			0	0	Winter Storm
	24	0900CST					

IAZ063>068-076>078 Iowa - Johnson - Cedar - Clinton - Muscatine - Scott - Keokuk - Washington - Louisa

	23	2230CST			0	0	Freezing Rain
	24	0900CST					

A strong storm system, which developed over the southern plains, moved northeast into the Middle Mississippi Valley by evening. Strong low level warm advection associated with moist southerly flow resulted in widespread freezing rain and sleet, with some snow. All of the area had ice accumulation, with the heaviest occurring north of Highway 30 where amounts ranged from 1/4 to 1 inch. Travel was quite treacherous and numerous accidents were reported.

Benton County

Countywide	24	0900CST			0	0	Urban/Sml Stream Fld
		1800CST					

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>IOWA, East Central and Southeast</u>							
Cedar County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Clinton County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Des Moines County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Henry County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Iowa County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Jefferson County							
Countywide to County Line	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Johnson County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Keokuk County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Lee County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Linn County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Louisa County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Muscatine County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Scott County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Van Buren County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
Washington County							
Countywide	24	0900CST 1800CST			0 0		Urban/Sml Stream Fld
IAZ030-040>042- 051>054-063>068- 076>078-087>089- 098>099		25 0200CST 1600CST			0 0		High Wind (G50)

In phase two of the storm system, temperatures gradually rose during the morning allowing the wintry mix to change over to rain. Rain, heavy at times, continued into the evening. Rainfall amounts of 1 to 1.5 inches was common. This caused numerous reports of street and small stream flooding. The quick runoff, caused by the frozen ground, sent several rivers in Southeast Iowa, West Central Illinois and Northeast Missouri out of their banks. Flooding occurred along the following rivers: Wapsipinicon, Rock, Green, Cedar, Iowa, Skunk, English and La Moine.

Clayton - Buchanan - Delaware - Dubuque - Benton - Linn - Jones - Jackson - Iowa - Johnson - Cedar - Clinton - Muscatine - Scott - Keokuk - Washington - Louisa - Jefferson - Henry - Des Moines - Van Buren - Lee

As the storm system pulled away from the region, very strong winds gusted to between 45 and 55 mph during the day. The strong winds

Storm Data and Unusual Weather Phenomena

February 2001

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

were responsible for ripping the scaffolding off the east side of the Tower Place parking ramp in Iowa City. Scattered minor power outages were reported throughout the region.

IOWA, Northeast

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

07	1600CST								
08	0200CST			0	0				Ice Storm

Ice accumulations of 1/4 inch were common across northeast Iowa due to freezing rain. Law enforcement officials reported a widespread glaze of ice, especially on sidewalks and secondary roads.

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

08	1700CST								
09	1100CST			0	0				Winter Storm

Freezing rain produced ice accumulations of 1/4 to 1/2 inch, causing hazardous traveling conditions. The freezing rain changed to snow, with accumulations of 2 to 3 inches, which only made traveling conditions worse. In addition to the ice and snow, strong northwest winds at 20 to 30 mph caused considerable blowing and drifting, creating near blizzard conditions.

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

24	0200CST								
	1030CST			0	0				Ice Storm

Another in a series of ice storms affected northeast Iowa, producing a widespread 1/4 to 1/2 inch glaze of ice. Several accidents were reported by law enforcement officials due to icy roads, including a couple of rollovers. There were no injuries reported.

IOWA, Northwest

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

24	1400CST								
25	1000CST			0	0				Winter Storm

Considerable freezing rain fell, producing icing which caused many vehicles to slide off roads. Scattered tree and power line damage was reported. The freezing rain was followed by snow, which produced accumulations ranging from less than an inch to near 4 inches. Winds gusting to over 40 mph accompanied and followed the snowfall, greatly reducing visibilities in blowing snow and causing drifting snow. The icing combined with the blowing and drifting snow made travel impossible in some areas. Some businesses were forced to close.

IOWA, Southwest

IAZ055>056-069- Harrison - Shelby - Pottawattamie - Mills - Montgomery - Fremont - Page
079>080-090>091

08	1400CST								
09	1400CST			0	0				Winter Storm

See the narrative for eastern Nebraska for the same time period.

IAZ043-055>056-069- Monona - Harrison - Shelby - Pottawattamie - Mills - Montgomery - Fremont - Page
079>080-090>091

23	1300CST								
	2200CST			0	0				Winter Storm

See the narrative for eastern Nebraska for the same time period.

KANSAS, East

KSZ008>012- Republic - Washington - Marshall - Nemaha - Brown - Cloud - Clay - Riley - Pottawatomie - Jackson -
020>024-026- **Jefferson - Ottawa - Dickinson - Geary - Morris - Wabaunsee - Shawnee - Douglas - Lyon - Osage -**
034>040-054>056- **Franklin - Coffey - Anderson**
058>059

08	2000CST								
09	1100CST			0	0				Winter Storm

A winter storm spread snow across the area and resulted in power outages in some areas. Several colleges in the area were closed for a time and a number of activities cancelled. Several roads were closed from the drifting of snow. Roads that remained open were slick and resulted in a number of accidents. Blizzard conditions (discussed separately) occurred in parts of the area. Snowfall amounts varied from as much as 15 inches in Republic county down to 4 inches in Emporia. Some actual amounts include: 12 inches in Seneca, 8 inches in Concordia and Manhattan, 7 inches in Junction City, 6 inches in Abilene, and 5 inches in Topeka. The heavier amounts were over northern counties while lesser amounts were to the south.

KSZ008>009-020 Republic - Washington - Cloud

09	0030CST								
	1000CST			0	0				Blizzard

Storm Data and Unusual Weather Phenomena

February 2001

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

The winter storm mentioned above produced blizzard conditions in Cloud, Republic and Washington counties. Fifteen inches of snow was recorded in Republic county near Belleville, and winds gusting over 40 mph produced drifts of 3 to 4 feet deep and near zero visibility.

Jackson County

10 WNW Mayetta	24	1630CST			1	0		Flash Flood
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Flood waters swept a vehicle off a road into a nearby creek killing the male driver. Two passengers escaped uninjured.
M34IW

Morris County

5 W Council Grove	24	1810CST			0	0		Hail (0.88)
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Republic - Washington - Marshall - Nemaha - Brown - Cloud - Clay - Riley - Pottawatomie - Jackson - Jefferson - Ottawa - Dickinson - Geary - Morris - Wabaunsee - Shawnee - Douglas - Osage

	26	2200CST			0	0		Winter Storm
	27	1800CST						

A winter storm moved across the area producing significant snow amounts in some areas. The storm began as freezing rain then changed to snow. The slick conditions produced by the freezing rain lead to a fatal collision (discussed separately). The larger snow amounts were near the Nebraska border with amounts tapering off to the south. Some snowfall amounts include: 9 inches in Marysville, 8 inches near Clay Center and Hiawatha, 6 inches in Belleville and near Washington, and 4 inches near Westmoreland, Holton and in Lawrence.

KSZ055

Osage	27	1145CST			3	2		Ice Storm
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Slick roads caused by freezing rain resulted in a 2 vehicle collision that killed 3 people near Vassar.
F17VE, M74VE, F78VE

KANSAS, Extreme Southeast

Crawford County

Pittsburg	08	1715CST			0	0	0	Flash Flood
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1815CST
Widespread flooding was reported in Pittsburg area.

Cherokee County

Scammon	08	1720CST			0	0	0	Flash Flood
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1820CST
Highway 7 near Scammon and Highway 102 were closed due to high water.

KSZ073-097-101

Bourbon - Crawford - Cherokee	21	1530CST			0	0	0	Ice Storm
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2200CST

Sleet, freezing rain and embedded thunderstorms caused ice accumulations up to one quarter of an inch over a large area of southeast Kansas. The heaviest precipitation fell in Cherokee County where thunderstorms increased the precipitation amount. Although minor accidents occurred, no deaths were associated with the icing, and no major power outages occurred.

Cherokee County

North Portion	23	2300CST			0	0	0	Flash Flood
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24 0100CST
Widespread flooding caused numerous roads to close.

Crawford County

East Portion	23	2300CST			0	0	0	Flash Flood
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24 0100CST
Widespread flooding caused numerous roads to flood across eastern Crawford County.

KSZ101

Cherokee	24	1709CST			0	0	0	Flood
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2000CST

A strong storm system produced copious amounts of rainfall over portions of southeast Kansas. The heavy rain caused numerous low water crossings, streams, creeks, and roads to flood.

KANSAS, North Central

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

	09	0500CST			0	0	0	0	Winter Storm
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1530CST

A potent winter storm dealt a paralyzing blow to north-central Kansas with high winds and a foot of new snow. Old timers in the Beloit area called this storm the worst since 1960. Beloit recorded 13 inches of snow. Twelve inches was measured at Cawker City, 11 inches at Hunter and 10 inches at Palco. Slightly lesser amounts fell from Smith Center to Phillipsburg. Wind gusts over 40 mph dropped visibilities to zero in white-out conditions. One Kansas Department of Transportation driver reported taking 6 hours to plow a stretch of Highways 181 and 281 which normally would take less than 1 hour to drive. Local businesses were virtually shut down and commerce was at a standstill on the 9th. All north-central Kansas schools were closed.

Storm Data and Unusual Weather Phenomena

February 2001

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

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

27	0600CST 1500CST				0 0	0 0	Winter Storm
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The final winter storm of February 2001 came rolling into north-central Kansas during the early morning of the 27th. The snow finally tapered off in the early afternoon hours around Mankato, but not before leaving 10 inches of new snow behind in Woodruff. Esbon reported 9 inches of new snow and Beloit, 7 inches. Much of north-central Kansas received 4 to 7 inches of snow. Unlike previous storms, blowing and drifting was held to a minimum as the wind was not too strong. None-the-less, most area schools chose to give school kids a snow day. Some schools had already begun to lengthen the school day, or add class days to make up for time lost due to snow days.

KANSAS, Northeast

KSZ025-102

Atchison - Doniphan

09	0200CST 1600CST				0 0		Heavy Snow
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KSZ057-060-103>105 Miami - Linn - Leavenworth - Wyandotte - Johnson

09	0200CST 1600CST				0 0		Winter Storm
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A strong storm system moved across extreme eastern Kansas on February 9th. Heavy snow fell across Atchison and Doniphan counties with accumulations from 6 to 8 inches. The remainder of the area had from 1/4 to 1/2 inch ice accumulations with snow accumulations from 1 to 3 inches on top of the ice. Numerous traffic accidents and additional school closings were reported.

KANSAS, Northwest

KSZ001>004-013>016-027>029-041>042

Cheyenne - Rawlins - Decatur - Norton - Sherman - Thomas - Sheridan - Graham - Wallace - Logan - Gove - Greeley - Wichita

08	0000CST				0 0		Winter Storm
09	0700CST						

Winter storm began as freezing rain and drizzle, then turned to snow by the afternoon of the 8th. This storm impacted travel, mail delivery, and classes due to ice under the snow. By the morning of the 9th, snowfall amounts ranged from 4 to 9 inches across most of northwest Kansas.

KSZ001>004-016

Cheyenne - Rawlins - Decatur - Norton - Graham

26	2300CST				0 0		Winter Storm
27	1500CST						

Another in a line of winter storms struck northwest Kansas. Snowfall amounts generally ranged from 5 to 8 inches making travel hazardous across the area.

KANSAS, Southeast

KSZ032>033-047>053 Russell - Lincoln - Barton - Ellsworth - Saline - Rice - Mcpherson - Marion - Chase

08	0935CST				0 0		Winter Storm
09	1130CST						

A winter storm crossing the southwestern U.S. lifted northeast across the central plains, bringing a mixture of freezing rain and sleet to all of central and south-central Kansas from the morning thru the afternoon of the 8th. The freezing rain and sleet was accompanied by north winds of 20-30 mph, resulting in ice accumulations of 1/4 to 3/4 inch across the region. Sleet reached depths of 2 inches. Power outages were widespread, with many central Kansas locales without power from the late morning of the 8th thru the morning of the 9th. During the afternoon of the 8th, the freezing rain and sleet changed over to snow, with a wide range of snow accumulations resulting.

By the morning of the 9th, accumulations ranged from 2-8 inches with the greater amounts, generally 4-8 inches, burying central Kansas. As the storm continued it's northeast trek across the central plains, the north winds increased to 30-40 mph resulting in a blizzard across most of central Kansas. Drifts were so deep across Russell and Barton counties that in a few instances street signs were nearly obliterated. Accidents were numerous and although most involved vehicles sliding off highways, a few were serious with injuries resulting. Area newspapers contributed greatly to this report.

KSZ067>069-082>083-091>092

Reno - Harvey - Butler - Kingman - Sedgwick - Harper - Sumner

08	1835CST				0 0		Winter Storm
09	1130CST						

The same storm system that pummeled central Kansas with a widespread mixture of freezing rain and sleet that eventually changed to snow brought widespread freezing rain and sleet to south-central Kansas as well. The freezing rain and sleet began late in the afternoon of the 8th and became so intense later that evening that thunderstorms occasionally joined in the fray. Widespread ice accumulations of 1/4-3/4 inch teamed with north winds of 20-30 mph to result in spotty power outages and numerous accidents. Sleet reached depths around 1 inch. An estimated 100 accidents occurred just in the Wichita area alone during the evening rush hour on the 8th. The freezing rain and sleet changed over to snow early on the morning of the 9th with accumulations of 2-4 inches common. Area newspapers contributed greatly to this report.

Storm Data and Unusual Weather Phenomena

February 2001

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

**KSZ070>072-
093>095-098>100** **Greenwood - Woodson - Allen - Cowley - Elk - Wilson - Chautauqua - Montgomery - Labette**

09	0515CST 1130CST				0 0		Winter Storm
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Widespread rain that had occurred the afternoon and evening of the 8th changed over to a mixture of sleet and freezing rain early on the morning of the 9th. By the time the freezing rain and sleet had changed to snow, 1/4-1/2 inch of ice had accumulated across nearly all of southeast Kansas. North winds of 20-30 mph compounded matters, causing spotty power outages across the region. By 12 noon on the 9th, around 2 inches of snow had accumulated.

Butler County
2 S Andover

24	1028CST 1330CST				0 0		Flash Flood
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Slow-moving showers and thunderstorms producing locally heavy rainfall of 2-3 inches caused flash flooding just south of Andover in extreme western Butler County resulting in the closure of SW 150th St and County line roads for just over 3 hours.

Butler County
Andover

24	1200CST 1330CST				0 0		Flash Flood
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Slow-moving showers and thunderstorms caused flash flooding in and around Andover.

Sumner County
Wellington

24	1625CST 1635CST				0 0		Hail (1.00)
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Butler County
Leon

24	1727CST				0 0		Hail (0.75)
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**KSZ032>033-
047>053-067** **Russell - Lincoln - Barton - Ellsworth - Saline - Rice - Mcpherson - Marion - Chase - Reno**

27	0500CST 1520CST				0 0		Winter Storm
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A shallow, fast-moving arctic front swept across central Kansas on the morning of the 27th. Knifing under much warmer air aloft, especially in the 1,000-4,000 foot layer where temperatures warmed to as much as 38-40F, the resulting rain fell onto surfaces where temperatures were generally in the lower to mid 20s. Highways quickly froze, turning into skating rinks. With upper level low pressure anchored over the Desert Southwest ejecting numerous disturbances northeast across Kansas, the freezing rain was prolonged and occasionally mixed with sleet.

As the morning progressed, the freezing rain and sleet quickly changed to snow which was occasionally heavy. Snow accumulations were only in the 3-6 inch range over most of the warned area, but with a layer of ice beneath, travel was treacherous with numerous accidents resulting. Trained spotters, cooperative observers and area newspapers contributed greatly to this report.

KANSAS, Southwest

**KSZ030>031-
044>046-063>065-
075>080-085>086** **Trego - Ellis - Lane - Ness - Rush - Finney - Hodgeman - Pawnee - Grant - Haskell - Gray - Ford - Edwards -
Kiowa - Stevens - Seward**

08	0600CST				0 0		Heavy Snow
09	0600CST						

Heavy snow fell across a large portion of the area with six to eight inches common. An area from Jetmore to La Crosse reported 10 to 12 inches.

**KSZ066-080>081-
088>090** **Stafford - Kiowa - Pratt - Clark - Comanche - Barber**

08	0600CST				0 0		Ice Storm
09	0600CST						

Freezing rain accumulated to around 1/4 of an inch.

KENTUCKY, Central

KYZ026-061 **Ohio - Butler**

16	1500EST				0 0		Flood
19	0100EST						

A slow moving cold front dropped heavy rain over Central Kentucky, with the heaviest rainfall amounts over South Central Kentucky. The Rough River at Dundee in Ohio County rose above its 25 foot flood stage at 3 PM on February 16, crested at 25.6 feet at 730 AM on February 17, then fell below flood stage at 8 PM on February 17. The Green River at Rochester in Butler County rose above its 17 foot flood stage at 1 AM on February 18, crested at 17.1 feet at 7 AM on February 18, then fell below flood stage at 1 AM on February 19. Minor flooding of low lying roads occurred at these flood levels. In addition, the river ferry at Rochester is closed at the 17 foot stage.

Storm Data and Unusual Weather Phenomena

February 2001

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

KYZ058>059-069-109-113 **Estill - Powell - Jackson - Magoffin - Knott**

22	0525EST 0900EST				0	0	Winter Storm
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A storm system moved from the lower Mississippi Valley into the Southern Appalachians and brought heavy accumulations of sleet and freezing rain to a large area in eastern Kentucky. Total accumulations of sleet and freezing rain were between one half inch and 1 inch.

KYZ052-104-106 **Rowan - Elliott - Morgan**

22	0525EST 0900EST				0	0	0	0	Heavy Snow
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A storm system brought heavy snows to several counties in eastern Kentucky. Total snow accumulations were 4 inches.

KENTUCKY, Northeast

KYZ101>103-105 **Greenup - Carter - Boyd - Lawrence**

09	1100EST 1800EST				0	0			Record Warmth
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Afternoon temperatures soared into the low and mid 70s. Grayson registered 74 degrees. Olive Hill saw 72 degrees.

KENTUCKY, Northern

NONE REPORTED.

KENTUCKY, Southwest

KYZ003>005-007-010>011-013>016-018>021 **Carlisle - Ballard - Mcracken - Livingston - Crittenden - Lyon - Caldwell - Union - Webster - Hopkins - Henderson - Daviess - Mclean - Muhlenberg**

21	2100CST				0	0			Winter Storm
22	0400CST								



The morning after the storm, around one quarter inch of ice was on trees outside the Paducah National Weather Service office.

Several hours of moderate to heavy sleet and freezing rain occurred, sometimes accompanied by thunder and lightning. The sleet accumulated up to a depth of one inch. Freezing rain glazed some surfaces, mainly trees and power lines, with up to one quarter inch of ice. Some icy patches formed on roads, causing a number of accidents. In a 10-minute span, Paducah area police dealt with three wrecks without injuries, including a three-vehicle pileup on Interstate 24 near mile marker 4. Schools were closed in Webster County the day following the storm. The liquid equivalent of the precipitation was just under an inch at Paducah, and around a quarter inch at Henderson.

Hickman County

10 SE Clinton

24	2020CST				0	0			Hail (0.88)
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Fulton County

Cayce

24	2025CST				0	0			Thunderstorm Wind (G50)
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Some tree damage was reported.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>KENTUCKY, Southwest</u>							
Carlisle County							
Arlington	24	2035CST 2045CST			0 0		Thunderstorm Wind (G56)
Wind gusts to 65 MPH persisted for 10 to 15 minutes at numerous locations across the county.							
Ballard County							
Wickliffe	24	2035CST			0 0	3K	Thunderstorm Wind (G52)
A few trees were blown down in the Wickliffe area.							
Mccracken County							
3 S (Pah)Barkley Arprt I	24	2125CST			0 0	2K	Thunderstorm Wind (G50)
Large tree limbs and power lines were down.							
Graves County							
1 S Sedalia	24	2130CST			0 0		Thunderstorm Wind (G50)
Large tree limbs were blown down on State Route 381.							
Calloway County							
Hazel to New Concord	24	2210CST 2215CST			0 0	15K	Thunderstorm Wind (G56)
A tree fell on a car near Hazel along Highway 641. Numerous trees were blown down in the New Concord area by winds estimated up to 70 MPH.							
Trigg County							
4 N Cadiz	24	2226CST			0 0	3K	Thunderstorm Wind (G50)
Trees were blown down near Highway 274.							
Christian County							
10 S Hopkinsville	24	2246CST			0 0	3K	Thunderstorm Wind (G50)
A few trees were down across the south part of the county.							
Todd County							
Guthrie	24	2300CST			0 0	3K	Thunderstorm Wind (G50)
A power pole and lines were blown down.							
<u>LOUISIANA, Northeast</u>							
Tensas Parish							
Newellton	09	1315CST			0 0	10K	Thunderstorm Wind
An awning was blown off of a high school and caused damage to several cars.							
Madison Parish							
Tallulah	16	1115CST			0 0	3K	Thunderstorm Wind
Several trees and power lines were blown down.							
Tensas Parish							
3 S Newellton	16	1115CST			0 0	3K	Thunderstorm Wind
A few trees and power lines were blown down.							
West Carroll Parish							
Forest	16	1115CST			0 0	8K	Thunderstorm Wind
Several trees and limbs were blown down. The roof of a mobile home sustained significant damage.							
Catahoula Parish							
5 SW Sicily Is	16	1125CST			0 0	1K	Thunderstorm Wind
At least three trees were blown down in a rural area.							
Concordia Parish							
5 E Clayton	16	1130CST			0 0	20K	Thunderstorm Wind
The roof of a restaurant sustained significant damage. The roofs of a trailer and a shed received some damage.							
East Carroll Parish							
1 N Lake Providence	16	1130CST			0 0	20K	Thunderstorm Wind
The shop building of an agri-business was destroyed. A wall of a church under construction was blown down. A number of tree limbs were blown down.							
Richland Parish							
Rayville	16	1815CST			0 0		Hail (0.75)
<u>LOUISIANA, Northwest</u>							
LAZ001 Caddo							
	16	0820CST			0 1		High Wind (G58)
Man slightly injured when hit by tree limb blown down by strong winds.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>LOUISIANA, Northwest</u>							
LAZ002>003-012	Bossier - Webster - Bienville						
	18	1800CST			0	0	112K
	28	2359CST					Flood
	Excessive and prolonged rain fell across northwest Louisiana resulting in high water on Lake Bistineau. The lake crested at 144.8 feet on the evening of the 22nd and the morning of the 23rd. As a result some dozen homes were damaged by flood waters.						
Union Parish							
Rocky Branch	24	1710CST			0	0	Hail (0.88)
Ouachita Parish							
Sterlington	24	1730CST			0	0	Thunderstorm Wind (G60)
	Several large trees toppled across a highway and in open fields.						
Grant Parish							
Oakgrove	26	1105CST			0	0	Hail (1.75)
Sabine Parish							
10 W Many	26	2035CST			0	0	Hail (1.75)
	Ground completely covered.						
Natchitoches Parish							
5 NE Provencal	28	2230CST			0	0	Hail (1.00)
Caddo Parish							
Shreveport	28	2230CST			0	0	Flash Flood
	Flash flooding on I-20 eastbound at Monkhouse drive, including the on ramp. Flooding on North Common St and at the intersection of Line Ave and Pierremont.						
<u>LOUISIANA, Southeast</u>							
Tangipahoa Parish							
Hammond	16	1440CST			0	0	25K
	Thunderstorm Wind						
	Thunderstorm winds blew down a tree which fell on a van and the roof of a garage. The van was destroyed while the garage roof suffered only minor damage. Several large tree limbs were also reported blown down in southern Tangipahoa Parish near Hammond.						
<u>LOUISIANA, Southwest</u>							
Jefferson Davis Parish							
Jennings	09	1400CST			0	0	30K
	Thunderstorm Wind						
	Several light poles blew down during a severe thunderstorm at a Jennings used car lot, damaging two cars.						
Beauregard Parish							
De Ridder	16	0958CST			0	0	10K
	Thunderstorm Wind						
	Severe thunderstorm winds blew several trees down, damaging a parked minivan.						
Acadia Parish							
Crowley	16	1100CST			0	0	5K
	Thunderstorm Wind						
	A giant oak tree was blown over during a severe thunderstorm in Crowley.						
Vernon Parish							
Leesville	25	1000CST			0	0	15K
	Thunderstorm Wind						
	A pine tree blew over during a severe thunderstorm, and landed on a home and truck, damaging them.						
<u>MAINE, North</u>							
MEZ016>017-030	Interior Hancock - Interior Washington - Coastal Washington						
	01	0000EST			0	0	
		0600EST					Winter Storm
	Low pressure tracking along the Maine coast produced 6 to 8 inches of snow across extreme Downeast Maine from the afternoon of January 31st through the early morning hours of February 1st.						
MEZ001>002-004>006-010>011-015>017-029>030	Northwest Aroostook - Northeast Aroostook - Northern Piscataquis - Northern Penobscot - Southeast Aroostook - Southern Piscataquis - Central Penobscot - Southern Penobscot - Interior Hancock - Interior Washington - Coastal Hancock - Coastal Washington						
	05	1800EST			0	0	
	06	1500EST					Winter Storm
	Low pressure lifting along the Atlantic Coast during the 5th...tracked through the Gulf of Maine during the early morning hours of the 6th...before exiting the Gulf of Maine later that afternoon. The storm generally produced 8 to 12 inches of snow across the region...with localized totals up to around 18 inches reported across the mountains of central and northern Maine. Wind gusts of 20 to 30 mph produced widespread blowing and drifting snow along with reduced visibilities...with near blizzard conditions reported at times.						

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
MAINE, North							
MEZ001>002			Northwest Aroostook - Northeast Aroostook				
	09	1300EST			0	0	Winter Storm
	10	0400EST					
	A rapidly intensifying low lifting through the St. Lawrence River Valley late on the 9th through the early morning hours of the 10th spread a mix of snow...sleet and freezing rain across extreme northern Maine. Several inches of snow and up to 1/2 inch of ice were reported across the St. John River Valley of extreme northern Maine.						
MEZ001>002-004>006-010>011-015>017-029>030			Northwest Aroostook - Northeast Aroostook - Northern Piscataquis - Northern Penobscot - Southeast Aroostook - Southern Piscataquis - Central Penobscot - Southern Penobscot - Interior Hancock - Interior Washington - Coastal Hancock - Coastal Washington				
	10	0900EST			0	0	High Wind (G55)
	11	0500EST					
	Very strong west to northwest winds developed in the wake of a cold frontal passage associated with low pressure crossing the Gulf of St. Lawrence. Sustained winds of 30 to 40 mph were common across the region...with gusts to between 60 and 70 mph.						
	Numerous reports of downed trees...powerlines and utility poles were received from across all of northern and eastern Maine. At the height of the storm...over ten thousand people were without power across the region at times.						
	Many road signs were damaged or blown over...with some traffic lights also toppled. The strong winds produced some structural damage...particularly to siding and roof shingles. An old barn was blown over and destroyed at Waltham in Hancock county...with debris from the collapsing barn damaging the adjacent house and garage. A tree was toppled onto a house in the Piscataquis county town of Monson breaking off its chimney. Some roads were blocked by fallen trees and other debris. A tractor trailer was reported blown off I-95 by strong cross winds. A 19 foot boat moored at Bar Harbor was capsized at its dock.						
MEZ001>002-004>006-010>011-015>017-029>030			Northwest Aroostook - Northeast Aroostook - Northern Piscataquis - Northern Penobscot - Southeast Aroostook - Southern Piscataquis - Central Penobscot - Southern Penobscot - Interior Hancock - Interior Washington - Coastal Hancock - Coastal Washington				
	10	1900EST			0	0	Extreme Windchill
	11	2300EST					
	Sustained winds of 30 to 40 mph...with some gusts in excess of 60 mph...combined with temperatures falling into the single digits above and below zero to produce dangerous wind chills of 55 to 65 below zero across central and northern Maine...with wind chills of 45 to 55 below Downeast. Although winds diminished slightly during the 11th...they were still strong enough to combine with the continued cold temperatures to produce dangerous wind chills across the region.						
MEZ010>011-017			Southern Piscataquis - Central Penobscot - Interior Washington				
	14	1400EST			0	0	Winter Storm
	15	0200EST					
	Low pressure tracking along a warm frontal boundary situated across central portions of the region produced a narrow band of 6 to 9 inches of snow.						
MEZ001>002-004>006-010>011			Northwest Aroostook - Northeast Aroostook - Northern Piscataquis - Northern Penobscot - Southeast Aroostook - Southern Piscataquis - Central Penobscot				
	17	1700EST			0	0	Extreme Windchill
	18	0400EST					
	Gusty northwest winds of 15 to 25 mph combined with temperatures falling below zero to produce wind chills between 45 and 55 below zero at times.						
MEZ001>002-004>006-010			Northwest Aroostook - Northeast Aroostook - Northern Piscataquis - Northern Penobscot - Southeast Aroostook - Southern Piscataquis				
	21	1800EST			0	0	Extreme Windchill
	22	0500EST					
	Gusty northwest winds of 20 to 30 mph combined with temperatures falling into the teens below zero to produce wind chills of 60 to 70 below zero at times.						
MEZ001>002-004			Northwest Aroostook - Northeast Aroostook - Northern Piscataquis				
	25	1300EST			0	0	Winter Storm
	26	1500EST					
	Low pressure tracking across northern Quebec province and a second low forming across southern New England and tracking through the Gulf of Maine combined to produce 6 to 10 inches of snow across portions of extreme northern Maine.						

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
MAINE, South							
MEZ012>013			Southern Oxford - Southern Franklin				
	02	1900EST			0	0	Moderate Snowfall
	03	0800EST					
	Low pressure intensifying slowly off the New England coast brought a light to moderate snowfall to the state. Snowfall amounts across western and central Maine ranged from about an inch in York County to 2 to 5 inches in the western foothills. The mountains generally received about 2 to 4 inches.						
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				
	05	1500EST			0	0	Heavy Snow
	06	0700EST					
	A low pressure center that developed off the North Carolina coast on the morning of the 5th, and moved northeastward to Nova Scotia by the morning of the 6th, brought heavy snow to all of western and central Maine. Snowfall amounts generally ranged from 1 to 2 feet across the area, with the higher amounts falling in the western foothills.						
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				
	09	0900EST 1800EST			0	0	Mixed Precipitation
	A large area of low pressure moving northeastward from the Great Lakes through eastern Ontario brought warm temperatures and a mixture of precipitation to the area. In most parts of western and central Maine, the precipitation started as a little light snow, but then changed quickly to freezing rain and eventually rain. The greatest snowfall amounts occurred in the mountains where 1 to 3 inches of snow fell before the precipitation changed to freezing rain. In York and Cumberland Counties, the precipitation started as freezing rain. Eventually temperatures warmed in all areas and any remaining precipitation changed to rain. By the morning of the 10th, temperatures were in the 30s and 40s across the area.						
MEZ007>009-013>014-021>028			Northern Oxford - Northern Franklin - Central Somerset - Southern Franklin - Southern Somerset - Kennebec - Interior Waldo - Coastal York - Coastal Cumberland - Sagadahoc - Lincoln - Knox - Coastal Waldo				
	10	0900EST 1800EST			0	0	Strong Winds
MEZ012-018>020			Southern Oxford - Interior York - Interior Cumberland - Androscoggin				
	10	0900EST 1800EST			0	0	High Wind (G57) ^M
	Strong, gusty, northwest winds developed behind a cold front that moved through the area on Saturday, the 10th. The winds blew down trees and limbs onto power lines causing power outages and scattered property damage. No injuries were reported. Power outages affected approximately 35,000 customers. Winds destroyed a drive-in movie theater screen in Westbrook. Peak gusts were measured at 66 mph in Durham, 62 mph in Poland, 61 mph in Rumford, and 60 mph in Sanford. Other measured wind gusts were 54 mph in Portland, and 53 mph in Brunswick, Rockland and Waterville.						
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				
	11	0300EST 1800EST			0	0	Extreme Windchill Temperatures
	Strong winds developed across the state as a deep low pressure center moved eastward through the Canadian Maritimes and an arctic dome of high pressure dropped southeastward from central Canada. The combination of wind and cold temperatures caused wind chill temperatures across western and central Maine to drop to 25 to 35 degrees below zero in most places.						
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	2000EST			0	0	Extreme Windchill Temperatures
	18	0400EST					
	The combination of wind and cold temperatures behind an arctic cold front caused wind chill temperatures across western and central Maine to drop to 20 to 35 degrees below zero in many locations.						
MEZ014-021>028			Southern Somerset - Kennebec - Interior Waldo - Coastal York - Coastal Cumberland - Sagadahoc - Lincoln - Knox - Coastal Waldo				
	22	2300EST			0	0	Moderate Snowfall
	23	1400EST					
	A trough of low pressure extending from an intense low in the Atlantic to a weak low moving through southern Canada brought a light to moderate snowfall to much of western and central Maine. Snowfall amounts generally ranged from 2 to 6 inches with the greatest						

Storm Data and Unusual Weather Phenomena

February 2001

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

accumulations occurring along the coast and in central areas south of the mountains.

MEZ012>014-018>028 Southern Oxford - Southern Franklin - Southern Somerset - Interior York - Interior Cumberland - Androscoggin - Kennebec - Interior Waldo - Coastal York - Coastal Cumberland - Sagadahoc - Lincoln - Knox - Coastal Waldo

25	0800EST				0	0	
26	0100EST						Mixed Precipitation

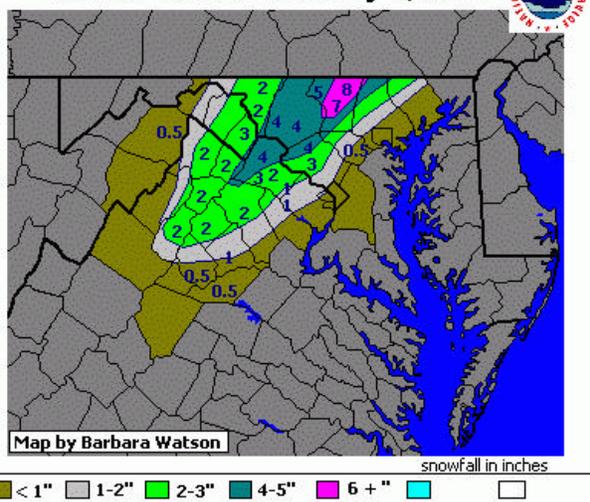
A deep low pressure system over the western Great Lakes on the morning of the 25th moved northeast to central Quebec by the morning of the 26th. Warmer air ahead of the system pushed northward through the mid-Atlantic states, but encountered a cold dome of high pressure over northern New England. The result was a mixture of precipitation across the western and central part of the state with the precipitation starting in all areas as snow, but changing to sleet and/or freezing rain in most areas south of the mountains. Along the immediate coast of southwestern Maine, the precipitation eventually changed to rain before ending as temperatures warmed above freezing. Snow and sleet accumulations generally ranged from 2 to 4 inches across the entire area.

MARYLAND, Central

MDZ003-006-009>010 Washington - Northern Baltimore - Montgomery - Howard

05	0000EST				0	0	
	1200EST						Winter Weather

Storm Totals February 5, 2001



Storm Total Snowfall February 5, 2001 (in inches)

MDZ004>005

Frederick - Carroll

05	0000EST				0	0	
	1200EST						Winter Storm

Low pressure moved from the North Carolina coast to the Jersey Shore on the 5th and brought rain and snow to the Mid Atlantic region between midnight and noon. Temperatures were cold enough across North Central Maryland for the precipitation to fall mainly as snow. The band of heaviest snow occurred across Carroll and Frederick Counties where between 4 and 8 inches accumulated. Adjacent counties reported between 1 and 3 inches of accumulation by noon. Southeast of a line from Washington D.C. to Baltimore, a rain/snow mix was reported which resulted in little or no accumulation.

MDZ002>007-

009>011-013>014

Allegany - Washington - Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel

09	2000EST				0	0	
10	1200EST						Strong Wind

A strong cold front crossed the Mid Atlantic region during the morning of the 10th. Ahead of the front, southwest winds of 15 to 25 MPH gusted to 35 MPH. Behind the front, winds shifted to the northwest at 20 to 30 MPH and gusted up to 50 MPH. A wind gust of 48 MPH was recorded at Baltimore/Washington International Airport in Anne Arundel County. Recorded wind gusts in Carroll County included 53 MPH at Manchester and 43 MPH at Millers. A wind gust of 43 MPH was reported in Laurel in Howard County. In Prince George's County, a gust of 52 MPH was reported at Andrews Air Force Base and winds gusted to 45 MPH in South Bowie. A wind gust of 41 MPH was reported at Martin State Airport east of Baltimore. Frederick County Airport reported a gust of 50 MPH. A gust of 52 MPH was recorded at Hagerstown in Washington County and a gust of 44 MPH was recorded at Cumberland in Allegany County.

Storm Data and Unusual Weather Phenomena

February 2001

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

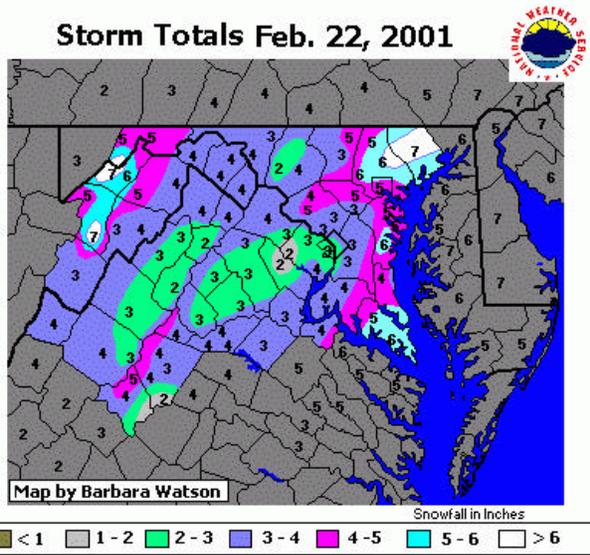
MDZ002-005>007-009-011-013>014-016>018 **Allegany - Carroll - Northern Baltimore - Harford - Montgomery - Southern Baltimore - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert**

22	0900EST 2200EST				0	0	Winter Storm
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MDZ003>004

Washington - Frederick							
22	0900EST 2200EST				0	0	Winter Weather

Storm Totals Feb. 22, 2001



Storm Total Snowfall from February 22, 2001 (in inches)

Low pressure moved from the mid Mississippi Valley into the southern portion of the Mid Atlantic region on the 22nd. This system produced mainly light to moderate snowfall across the region between 9 AM and 10 PM. However, some areas received a brief period of heavy snow at the beginning of the event. Snowfall amounts ranged from 3 to 7 inches. The highest amounts were recorded across Harford and Northern Baltimore Counties. The largest impact on the region from this storm system was on travel. Numerous accidents were reported as roads became slippery and some areas experienced brief whiteout conditions.

In Prince George's County, 210 accidents involving minor injuries were reported between 11 AM and 2 PM. Among them was a 38 car pileup at the intersection of Branch Avenue and the beltway and a 15 car pileup at the intersection of Central Avenue and the beltway. Police reported 18 injuries with the first accident and 10 minor and 3 serious injuries with the second. In Calvert County, a school bus slid into a car and 30 children were taken to the hospital. In Anne Arundel County, 15 cars and a school bus collided on Route 50 near the South River. Six people were injured and the highway was shut down for three hours. Near Jacobsville, a pickup truck slid off a bridge on Fort Smallwood Road and landed in frigid Rock Creek. The two occupants were rescued from the hood of their vehicle and one was treated for minor injuries and mild hypothermia. On the southbound side of Interstate 95 north of Baltimore, a 40 vehicle pileup was reported at 12:20 PM. In Harford County, Interstate 95 was closed around 2:30 PM north of the White Marsh exit due to several accidents along the highway. Portions of Route 1 were also closed by accidents. Six county school buses were also involved in minor accidents.

MDZ002

Allegany

25	2000EST				0	0	Strong Wind
26	0800EST						

A strong cold front crossed the region during the late evening hours of the 25th and ushered in strong west to northwest winds. Winds of 25 to 35 MPH with gusts to 45 MPH were common during the overnight hours of the 26th, especially amongst higher terrain.

MARYLAND, Northeast

MDZ008-012-015-019>020 **Cecil - Kent - Queen Annes - Talbot - Caroline**

10	0600EST 1000EST				0	0	Wind
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A strong cold front moved through the Maryland Eastern Shore during the morning of the 6th. Gusty northwest winds accompanied and followed the cold frontal passage. Peak wind gusts were between 40 and 50 mph. No serious damage was reported. The peak wind gust at the Baltimore-Washington International Airport was 48 mph.

Storm Data and Unusual Weather Phenomena

February 2001

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

MDZ008-012-015	Cecil - Kent - Queen Annes						
	12	1900EST 2300EST			0 0		Wintry Mix

A weak low pressure system developed from an inverted trough off the south Atlantic Coast the morning of the 12th. As the low moved off the North Carolina coast during the evening of the 12th, moisture spilled north into the Maryland Eastern Shore. A high pressure system nestled over New England left some relatively cold air near the surface. While it was warm enough aloft for precipitation to fall as rain, near the ground temperatures were around or below the freezing mark. A few hours of light sleet and/or freezing rain occurred across northern parts of the Maryland Eastern Shore. Water equivalents were generally under one tenth of an inch. Untreated roadways and walkways were hazardous.

MDZ008-012-015-019>020	Cecil - Kent - Queen Annes - Talbot - Caroline						
	22	1100EST 2300EST			0 0		Heavy Snow

A fast moving low pressure system brought the season's heaviest snow to the Maryland Eastern Shore on the 22nd. Accumulations averaged around 6 inches. Snow began falling around 11 a.m. EST. Cold weather the previous two days made it easy for the snow to accumulate. Schools started dismissing children with the arrival of the snow. Numerous, mostly minor accidents occurred. Nearly 100 accidents occurred by 230 p.m. EST that afternoon. The snow ended during the late evening of the 22nd. The heaviest snow fell during the afternoon.

Specific accumulations included 8 inches on Kent Island (Queen Anne's County), 7 inches in Preston (Caroline County) and Easton (Talbot County), 6 inches in Elkton (Cecil County), Rising Sun (Cecil County) and Galena (Kent County), 5.5 inches in Denton (Caroline County) and 4 inches in Cordova (Talbot County).

The low pressure system responsible for the heavy snow developed along the Red River Valley in the Southern Plains on Wednesday the 21st. By Thursday morning the 22nd, it was located over northern Alabama. It moved quickly offshore and by the morning of the 23rd, it was more than 300 miles east of the Delmarva Peninsula. The quick movement of the low pressure system prevented heavier snow from occurring. But it was compensated by a higher than normal snowfall to water equivalent ratio. In the so-called average snowstorm the ratio of snowfall to water equivalent is usually 10 to 1. For example, 10 inches of snow would melt down to about one inch of water (or rain). In this storm, partially because the air mass over the region was considerably colder than normal, the snowfall to water equivalent ratio was closer to 20 to 1.

MARYLAND, South

MDZ021>024	Dorchester - Wicomico - Somerset - Inland Worcester						
	22	1200EST 2000EST			0 0		Winter Storm

A winter storm produced 3 to 6 inches of snow across the Lower Maryland Eastern Shore. Some specific snow totals included: Salisbury Airport in Wicomico county 5-6", Cambridge in Dorchester county 6", North of Princess Anne in Somerset county 5", and North of Snow Hill in Worcester county 5". Local law enforcement agencies reported numerous accidents, some of which involved injuries. Schools were dismissed early on the day of the storm, and most, if not all schools in the area were closed the following day due to slippery road conditions.

MDZ025	Maryland Beaches						
	22	1200EST 2000EST			0 0		Winter Storm

A winter storm produced 1 to 2 inches of snow across the Maryland Beaches including Ocean City. Local law enforcement agencies reported several accidents, some of which involved injuries.

MARYLAND, West

MDZ001	Garrett						
	10	0000EST 0200EST			0 0	5K	High Wind

A strong area of low pressure moving across the region produced a brief period of high winds across portions of western Maryland. Several large trees and power lines were downed by the high wind, with the majority of the damage occurring along the higher elevations of the county.

MDZ001	Garrett						
	25	1100EST 1800EST			0 0	5K	High Wind

An intense area of low pressure passing over the region brought a prolonged period of high winds to western Maryland. Wind gusts estimated to around 60 MPH continued from late morning into the early evening hours, downing several trees, large limbs and power lines across the county.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
MASSACHUSETTS, Central and East							
MAZ002>016			Western Franklin - 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				
	05	1400EST			0	0	Heavy Snow
	06	0300EST					
MAZ022-024			Barnstable - Nantucket				
	06	0000EST			0	0	High Wind (G50) ^M
		0400EST					
MAZ023			Dukes				
	06	0200EST			0	0	Strong Wind
		0500EST					
A major winter storm brought heavy snow and strong winds to much of the Bay State. Up to 2 feet of snow fell over interior Massachusetts, while winds gusted over 50 mph on Cape Cod and Nantucket.							
Snowfall totals averaged 1 to 2 feet in Franklin, Hampshire, Hampden, northern Worcester, northwest Middlesex and interior Essex Counties. Amounts of 8 to 16 inches were common in southern Worcester County, with 4 to 8 inches in the Greater Boston area. Amounts of 2 to 4 inches were reported across much of the South Shore, but the combination of snow and strong winds created a significant impact to travelers. Northeast winds gusted to 58 mph in Provincetown, and Nantucket reported sustained winds of 40 mph with frequent gusts to 50 mph. Most of the state experienced wind gusts of 35 to 45 mph during the height of the storm. About 12,000 electric customers were left without power. Nearly 200 flights were canceled at Logan International Airport because of the storm, and the airport was forced to briefly close twice for snow removal.							
MAZ002>003-008>011-013-017>024			Western Franklin - Eastern Franklin - Western Hampshire - Western Hampden - Eastern Hampshire - Eastern Hampden - Western Norfolk - Northern Bristol - Western Plymouth - Eastern Plymouth - Southern Bristol - Southern Plymouth - Barnstable - Dukes - Nantucket				
	10	0100EST			0	0	Strong Wind
		1700EST					
MAZ004>007-012-014>016			Northern Worcester - Western Middlesex - Western Essex - Eastern Essex - Southern Worcester - Southeast Middlesex - Suffolk - Eastern Norfolk				
	10	0900EST			0	1	High Wind (G52) ^M
		1700EST					
Strong northwest winds caused damage in the higher terrain of central and northeast Massachusetts. Sustained winds of 35 to 45 mph, with gusts of 55 to 65 mph, were common in Worcester, Middlesex, and Essex Counties, as well as the immediate Boston metropolitan area. Several trees were downed by the wind in Hudson and Warren. In Tyngsboro, one woman was injured when she was struck by a falling pine tree. Throughout the rest of the state, wind gusts of 40 to 50 mph were reported. About 1,000 electric customers lost power due to the wind.							
MAZ012-015>016-022-024			Southern Worcester - Suffolk - Eastern Norfolk - Barnstable - Nantucket				
	11	1300EST			0	0	Strong Wind
		1600EST					
Northwest winds gusted between 45 and 55 mph throughout parts of central and eastern Massachusetts. The strong winds were confined to the higher terrain of southern Worcester County, as well as the coastal plain from Boston to Cape Cod and Nantucket. There were no reports of wind damage.							
MAZ002>005-008>015-017>024			Western Franklin - Eastern Franklin - Northern Worcester - Western Middlesex - Western Hampshire - Western Hampden - Eastern Hampshire - Eastern Hampden - Southern Worcester - Western Norfolk - Southeast Middlesex - Suffolk - Northern Bristol - Western Plymouth - Eastern Plymouth - Southern Bristol - Southern Plymouth - Barnstable - Dukes - Nantucket				
	17	1000EST			0	0	Strong Wind
		1800EST					
MAZ016			Eastern Norfolk				
	17	1300EST			0	0	High Wind (G50) ^M
		1400EST					
Northwest winds gusted to 58 mph at the Blue Hills Observatory in Milton, and also in Quincy. Wind gusts of 45 to 55 mph were common throughout the rest of the Bay State, and no wind damage was reported.							

Storm Data and Unusual Weather Phenomena

February 2001

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

MAZ002>022 **Western Franklin - 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 - Northern Bristol - Western Plymouth - Eastern Plymouth - Southern Bristol - Southern Plymouth - Barnstable**

25	0600EST				0	0	Freezing Rain
	1300EST						

Snow changed to sleet and freezing rain, creating slippery travel at the end of the February school vacation week. There were many minor accidents throughout the Bay State, especially in central and northeast Massachusetts where there were 2 fatalities and nearly a dozen injuries indirectly attributed to the icy conditions.

MASSACHUSETTS, West

MAZ001 **Berkshire**

05	1400EST				0	0	Winter Storm
	0600EST						

Two areas of low pressure, one centered over the Ohio valley and the other in Florida, merged into one storm off the North Carolina coast by early February 5th. This potent storm further intensified as it moved up the eastern seaboard to become the season's second major nor'easter. The storm center was east of Cape Cod by early on the 6th. The air was cold enough for the precipitation to fall as snow with this storm. A swath of very heavy snowfall, exceeding a foot, fell across all of Berkshire county. The snow fell at rates exceeding four inches per hour at times, during the height of the storm early Monday evening.

Specific snowfall amounts included 14.6 inches at Dalton, 18 at Florida, and 23 at Savoy.

Excluding school and business closings, there were no usual problems associated with the storm. Temperatures rising above freezing the following day, made the snow removal easier.

MAZ001 **Berkshire**

10	1200EST				0	0	11K High Wind
	1400EST						

A strong cold front swept across western Massachusetts during the midday on February 10. A steep pressure gradient, between large high pressure over the midwest and a deep trough of low pressure moving off the eastern seaboard, produced winds strong enough to cause damage in Berkshire county. A few trees were blown down in the town of Pittsfield.

MICHIGAN, East

MIZ048>049-053>054 **Bay - Huron - Saginaw - Tuscola**

07	2300EST				0	0	Ice Storm
	081300EST						

Low pressure in the plains pushed a warm front north across the Ohio Valley. Precipitation broke out north of the warm front, in the form of a wintry mix. Near Saginaw Bay, much of this mix took the form of freezing rain. Huron County was the exception, seeing 5 inches of snow mix in with a quarter inch of ice. In general, minimal glaze formed on ground surfaces. Instead, ice accumulations were generally confined to power lines, tree branches, and overpasses. The ice accumulations, about a quarter to a half inch, did not persist long, as temperatures warmed and changed the freezing rain to rain. As a result, the ice caused little damage.

MIZ049 **Huron**

09	0300EST				0	0	4K Flood
	111200EST						

Ice jams on the Sebawaing River forced water back through the storm sewer system in Sebawaing. Several streets in the city were flooded.

MIZ063 **St. Clair**

09	1000EST				0	0	220K Flood
	141800EST						

Mill Creek flooded in Yale, washing out several roads and flooding the city park. In the southern part of the county, the Belle River flooded. Four young men had to be rescued after driving into flood waters in China Township; they climbed nearby trees to get out of the water. An ice jam in Marine City exacerbated flooding on the Belle on the 12th, forcing gas service to be shut off to several riverside homes. Basements were flooded in the city of St Clair. The worst flooding was in the Port Huron area, where the Black River rose out of its banks. A mobile home park was covered in water 2 to 3 feet deep. Sandbagging was needed to protect riverside homes. Flood waters damaged fences and floated away picnic tables at area parks. Three people had to be rescued from a stalled-out vehicle in Fort Gratiot on the 9th. Many basements were flooded in the Port Huron area.

MIZ069 **Oakland**

09	1000EST				0	0	6K Flood
	110500EST						

In Southfield, flood waters from the Rouge River surrounded five homes. In Wixom, an apartment complex saw its parking lot and basements flood thanks to Norton Creek.

MIZ060 **Shiawassee**

09	1400EST				0	0	20K Flood
	140100EST						

The Shiawassee River at Owosso exceeded flood stage of 7 feet at 2 pm on the 9th. The river crested at 8.2 feet at 10 pm on the 10th. After briefly falling below flood stage, the river saw a secondary flood crest of 7.3 feet at 1 am on the 14th.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>MICHIGAN, East</u>							
							The Shiawassee River flooded numerous backyards and parks across Shiawassee County. There was brief concern that Shiatown Dam on the river could fail, as its earthen banks were being eroded. Several roads in the area were closed for precautionary measures, but the dam held.
MIZ061							Genesee
	09	1530EST			0	0	15K
	10	1300EST					Flood
							The Flint River at Flint went above flood stage of 13 feet at 430 pm on the 9th. The river crested at 15.9 feet at 5 am on the 10th. Kearsley Creek in Davison went above flood stage of 10 feet at 330 pm on the 9th, and crested at 11.4 feet at 1 pm on the 10th. Many yards and basements in Grand Blanc were flooded by excessive runoff.
MIZ070							Macomb
	09	1800EST			0	0	5K
	10	2200EST					Flood
							The Clinton River at Fraser exceeded flood stage of 16 feet at 6 pm on the 9th. The river crested at 16.2 feet at 1 am on the 10th. In Mt Clemens, the Clinton River rose above flood stage of 16 feet at 130 pm on the 10th, and crested at 16.6 feet at 8 pm. The North Branch of the Clinton rose above flood stage of 15 feet, with a crest of 17.7 feet at 10 pm on the 10th. The worst flooding occurred along the North Branch. Several roads just north of Mt Clemens had to be closed due to flood waters. Some motorists unwisely tried to drive across flooded roads, and had to be rescued by local law enforcement.
MIZ075-083							Washtenaw - Monroe
	09	1900EST			0	0	18K
	10	0300EST					Wind
							Strong winds moved into southeast Michigan just behind a cold front, as a potent low pressure system moved east from Ontario into Quebec. Winds gusted to 45 mph, resulting in branches and power lines downed in Pittsfield Township and in the city of Monroe. Over 2000 utility customers lost power, including over half of downtown Monroe.
MIZ075							Washtenaw
	09	2100EST			0	0	5K
	11	0200EST					Flood
							The Huron River in Ann Arbor rose above flood stage of 15 feet at 9 pm on the 9th. The river crested at 15.7 feet at 2 am on the 11th. There was isolated road flooding across the county, with some cars stalled out in water.
MIZ076							Wayne
	10	0015EST			0	0	35K
		1500EST					Flood
							The Rouge River in Detroit went above flood stage of 15 feet at 1215 am on the 10th. The river crested at 16.8 feet at 9 am on the 10th. The Lower Rouge River at Inkster went above flood stage of 10 feet at 4 am on the 10th, and crested at 12.3 feet at 3 pm on the 10th. Up to 40 vehicles got stuck on flooded roads in Wayne County.
MIZ053							Saginaw
	10	0300EST			0	0	50K
	11	1300EST					Flood
							The Shiawassee River at Fergus rose above flood stage of 10 feet, cresting at about 12.5 feet at 1 pm on the 11th. The Cass River at Frankenmuth rose above flood stage of 17 feet at 3 am on the 10th, cresting at 20.4 feet at 11 am on the 10th. A pedestrian bridge across the Shiawassee River in Chesaning was damaged by debris - mainly chunks of ice - carried downstream by the swollen river. In Taymouth Township, a dike burst along the Flint River, flooding fields near the community of Fosters.
MIZ082							Lenawee
	10	1000EST			0	0	15K
	11	1900EST					Flood
							The River Raisin at Adrian exceeded flood stage of 13 feet at 1 pm on the 10th. The river crested at 14.9 feet at 130 pm on the 11th. Downstream, the River Raisin at Blissfield rose above flood stage of 683 feet at 1 pm on the 11th. There, the crest was 683.2 feet at 7 pm on the 11th. Water remained over some roads in the Blissfield area into the 12th. Roads were also flooded west of Adrian, and near Hudson. One vehicle was floated by the flood waters - the occupants were rescued off the hood of the car.
MIZ054							Tuscola
	10	1300EST			0	0	30K
	11	1400EST					Flood
							The Cass River in Vassar exceeded flood stage of 14 feet at 1 pm on the 10th. It crested at 14.8 feet at 2 pm on the 11th. The flood waters of the Cass covered two streets in downtown Vassar. Roads and basements were flooded across the Cass City area after almost two inches of rain. One motorist had to be rescued when she tried to drive across a flooded road. Water poured into the basement of the city movie theater, damaging records and other archives. Ten to twenty roads were closed across Tuscola County.
MIZ083							Monroe
	10	1900EST			3	0	25K
	13	1200EST					Flood
							The River Raisin at Dundee crested at flood stage of 650 feet at 1 am on the 13th. Further downstream, the River Raisin at Monroe rose above flood stage of 9 feet at 7 pm on the 10th. The river crested at 9.4 feet at noon on the 13th.

Storm Data and Unusual Weather Phenomena

February 2001

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

MIZ022>025-027>030-032>036 **Otsego - Montmorency - Alpena - Benzie - Kalkaska - Crawford - Oscoda - Alcona - Wexford - Missaukee - Roscommon - Ogemaw - Iosco**

08	0630EST 1200EST			0	0	Heavy Snow
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South winds intersecting a warm front that extended across the southern Great Lakes region triggered an area of heavy snow across portions of northern Lower Michigan. The snowfall began late in the evening on the 7th. However, the snowfall did not become heavy until the early morning hours of the 8th. By noon on the 8th, 12-hour snowfall amounts totaled greater than 6 inches across portions of northern Lower Michigan. The heaviest snow fell across northern Roscommon, Ogemaw, and Iosco counties, where accumulations ranged from 12 to 15 inches.

MIZ008

Chippewa

09	0800EST 1600EST			0	0	Winter Storm
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A strong low pressure system moved into the Great Lakes Region from the central plains throughout the day on the 9th. Ahead of this system, a mix of snow, sleet and freezing rain developed across eastern Upper Michigan late in the evening of the 8th. The precipitation continued into the early afternoon of the 9th, before changing over to all snow. Although 12-hour snowfall accumulations across Chippewa county only amounted to 2 to 4 inches by late afternoon on the 9th, the freezing rain caused ice to accumulate to 1/4 inch on exposed surfaces.

MIZ019-021-027

Charlevoix - Antrim - Kalkaska

10	0900EST 1100EST			0	0	Winter Storm
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A strong low pressure system moved northeast of the Great Lakes during the evening of the 9th. Strong northwest winds behind this system brought much colder air and lake effect snow to much of northern Michigan the night of the 9th and through the early morning hours of the 10th. Portions of Charlevoix, Antrim and Kalkaska counties received 12-hour snowfall totals of 6 inches by the morning of the 10th. Northwest winds at 20 to 30 MPH also brought considerable blowing and drifting snow as well as wind chills of 20 to 30 degrees below zero to this area.

MIZ015

Mackinac

22	1800EST 2200EST			0	0	Heavy Snow
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A cold front moved southeast into the western Great Lakes region from Alberta during the morning and afternoon of the 22nd. South winds ahead of this cold front, combined with cold air over Lake Michigan, produced a heavy band of lake effect snow across western Mackinac county. The snowfall began during the morning of the 22nd and continued through the evening. By 800 pm, 12-hour snowfall totaled 8 to 12 inches across the western half of Mackinac county.

MIZ008-015>036-041>042

Chippewa - Mackinac - 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

24	2030EST			0	0	Ice Storm
25	0800EST					

A strong low pressure system developed over the southern Plains during the the day on the 24th. During the evening of the 24th and through the early morning hours of the 25th, the low moved northeast into central Wisconsin. Warm, moist air surged northward into the northern Great Lakes Region ahead of this storm system. This allowed for widespread rainfall to develop across the Great Lakes. Surface temperatures across northern Lower and eastern Upper Michigan, however, remained below freezing throughout much of the period. This set the stage for freezing rain. Across northern Lower Michigan, the freezing rain began during the evening of the 24th. By late in the evening, a quarter of an inch of ice had accumulated on exposed surfaces. Across eastern Upper Michigan, the freezing rain began late in the evening on the 24th, and continued through the early morning hours of the 25th. By the morning of the 25th, ice had accumulated to between and a quarter and a half inch on exposed surfaces. As the storm system moved northeast across Wisconsin during the morning of the 25th, a surface warm front moved north across Northern Michigan. This quickly allowed surface temperatures to rise well above freezing, thereby rapidly melting the ice on the trees. Widespread tree damage and power outages did not occur with this event, as most trees and power lines were able to sustain the weight of the ice until it melted. Many area roads, however, were extremely icy.

MICHIGAN, Upper

MIZ001>003-009 **Keweenaw - Ontonagon - Houghton - Gogebic**

01	1300EST			0	0	Heavy Snow
02	1400EST					

A low pressure center and its attendant cold front moving across the northern Great Lakes brought significant snow to the Lake Effect Snowbelt of northwest Upper Michigan. Nine inches of snow accumulated in Wakefield overnight, Ontonagon and Calumet reported 8 inches, and in the highlands of the Keweenaw Peninsula, Laurium had 10 inches and Phoenix received 10.5 inches of snowfall from late in the afternoon on the 1st to early in the morning on the 2nd.

MIZ001>003-

005>006-009-012>013 **Keweenaw - Ontonagon - Houghton - Marquette - Alger - Gogebic - Menominee - Delta**

08	1300EST			0	0	Winter Storm
10	1500EST					

Southwest flow aloft allowed several disturbances from the Plains to move across the northern Great Lakes, depositing a wintery mix of

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm	
<u>MICHIGAN, West</u>								
Muskegon County								
Countywide	09	0900EST			0	0	100K	Flood
	10	0700EST						
Newaygo County								
Countywide	09	0900EST			0	0	100K	Flood
	10	0700EST						
Oceana County								
Countywide	09	0900EST			0	0	100K	Flood
	10	0700EST						
Osceola County								
Countywide	09	0900EST			0	0	100K	Flood
	10	0700EST						
Van Buren County								
Countywide	09	0900EST			0	0	100K	Flood
	10	0700EST						

Extensive flooding began on the 9th as a result of the combination of heavy rain and melting snow. Numerous roads were closed across all of southwestern and south central lower Michigan, including portions of M-37 in Lake county. In Osceola county, 1 road near Ashton, just north of Reed City, was washed out. Two roads were washed out in Muskegon county. A dozen roads were washed out or closed across Newaygo county. 9 roads were closed across Allegan county. One road was washed out in Columbia Township (Van Buren county). 4 roads were closed in Carlton Township (Barry county).

Generally speaking, anywhere from one or two to as many as a dozen roads were partially washed out or closed in each county on the 9th. There were also many reports of standing water in low lying areas and poor drainage areas. The event transitioned into a river flood event across the area. 10 forecast points on 8 different rivers went above flood stage. However, no lives were lost, and only minor property damage occurred.

**MIZ043>046-
050>052-056>059-
064>067-071>074**

Oceana - Newaygo - Mecosta - Isabella - Muskegon - Montcalm - Gratiot - Ottawa - Kent - Ionia - Clinton - Allegan - Barry - Eaton - Ingham - Van Buren - Kalamazoo - Calhoun - Jackson

24	2100EST			0	0	190K	Flood
28	0800EST						

Minor flooding began during the evening hours of the 24th and continued through the rest of February. Minor street flooding occurred in Muskegon (Muskegon county) and Allegan (Allegan county) late on the 24th as a result of locally heavy rainfall. However, the event was primarily a river flood event, and an urban and small stream flood advisory was issued at 9:45 p.m. the 24th. Several area rivers crested slightly above flood stage, but there were no fatalities, and no significant property damage was reported.

MINNESOTA, Central and South Central

**MNZ054-056-060-
064>070-073>078**

Lac Qui Parle - Chippewa - Hennepin - Yellow Medicine - Renville - Mclod - Sibley - Carver - Scott - Dakota - Redwood - Brown - Nicollet - Le Sueur - Rice - Goodhue

07	0600CST			0	0		Heavy Snow
	2100CST						

A warm front thrusting east from a surface low pressure system moving through eastern Colorado, was responsible for dumping snow totals generally in the 6 to 7 inch range across portions of East central, West central and South central Minnesota. Some locations which saw some of the heaviest accumulations included: Montgomery (8.0 inches), Redwood Falls (8.0 inches), Olivia (7.3 inches), Dawson (7.0 inches). Numerous automobile accidents were reported throughout the region.

MNZ041>043

Douglas - Todd - Morrison

11	1800CST			0	0		Heavy Snow
12	1300CST						

A short lived winter storm which dropped southeast out of the Dakotas dumped between 6 and 7 inches of snow across a narrow strip of central Minnesota. Some locations of note include: Alexandria 6 inches, Long Prairie 7 inches, and Little Falls 7 inches.

MNZ044-050

Mille Lacs - Benton

23	2100CST			0	0		Heavy Snow
24	0900CST						

A storm system that developed across eastern Colorado on the evening of the 23rd, moved into central Nebraska by Saturday afternoon, on the 24th. Instability ahead of this system dumped snow, measured mainly in the four to five inch range across much of West Central, and East central Minnesota. A snow report of note was 7.0 inches in Milaca. Snow drifts reached into the three, to five foot range in some areas.

Storm Data and Unusual Weather Phenomena

February 2001

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

MNZ001>003-022-027>031-040	West Polk - Norman - Clay - Mahnomen - West Becker - East Becker - Wilkin - West Otter Tail - East Otter Tail - Grant						
	24	2308CST			0	0	Blizzard
	25	1147CST					

As the low pressure system pulled east of the area, strong north winds funneled down the Red River Valley. Whiteout conditions developed, especially along and south of U.S. Highway 10. The strongest wind speeds occurred early in the morning of the 25th, with Fargo reporting a wind gust to 44 mph. Interstate 94 was closed from Moorhead to Alexandria.

MINNESOTA, Southeast

MNZ079-086>087	Wabasha - Dodge - Olmsted						
	07	1200CST			0	0	Winter Storm
		2000CST					

3 to 6 inches of snowfall affected portions of southeast Minnesota, causing slippery traveling conditions.

MNZ079-086>088-094>096	Wabasha - Dodge - Olmsted - Winona - Mower - Fillmore - Houston						
	08	1800CST			0	0	Winter Storm
	09	1100CST					

Freezing rain caused widespread 1/4 to 1/2 inch accumulations of ice, before changing to snow. Snow accumulations of 2 to 4 inches were common, which only added to the already hazardous traveling conditions. In addition, strong northwest winds of 20 to 30 mph caused considerable blowing and drifting snow, creating near blizzard conditions.

MNZ079-086>088-094>096	Wabasha - Dodge - Olmsted - Winona - Mower - Fillmore - Houston						
	24	0300CST			0	0	Ice Storm
		1030CST					

Southeast Minnesota was affected by another in a series of ice storms, which coated much of the area with 1/4 inch of ice. Law enforcement officials reported icy roads contributing to several accidents, none of which were serious.

MINNESOTA, Southwest

MNZ071>072	Lincoln - Lyon						
	07	0400CST			0	0	Winter Storm
	08	0100CST					

Snow changed to freezing rain and freezing drizzle, then back to snow. There was considerable icing on roads and other surfaces, causing several vehicles to slide off roads. New snowfall of 2 to 4 inches combined with already existing snow cover and strong winds to cause blowing and drifting snow, with the drifting snow closing several roads. Travel was disrupted, and the openings of some schools and businesses were delayed.

MNZ071>072-080>081-089>090-097>098	Lincoln - Lyon - Murray - Cottonwood - Nobles - Jackson - Pipestone - Rock						
	24	1400CST			0	0	20K
	25	1000CST					Winter Storm

Freezing rain was followed by snow and blowing snow. New snow accumulations varied from 2 inches at Worthington and other nearby points to 10 inches at Minneota. Significant icing preceded the snow, with scattered reports of tree and power line damage. A dairy barn roof collapsed just northwest of Mountain Lake, killing one cow and injuring three others. Winds gusting to 40 mph and higher during and after the snowfall caused near blizzard conditions and considerable drifting, blocking roads and stranding vehicles. Travel was impossible in areas and some businesses, colleges, and technical schools were closed. Part of Interstate highway 90 was closed for more than 18 hours due to the icing, drifting snow, and poor visibilities. County and State snowplows were pulled off the roads until conditions improved.

MINNESOTA, West

NONE REPORTED.

MINNESOTA, West Central

MNZ039-046	Traverse - Big Stone						
	07	0700CST			0	0	Winter Storm
	08	0400CST					

Heavy snow of 7 to 9 inches fell across Big Stone and Traverse counties, closing schools and making driving difficult, if not impossible. Some snowfall amounts included, 7 inches at Wheaton, 8 inches at Artichoke Lake, and 9 inches at Browns Valley.

MNZ039-046	Traverse - Big Stone						
	24	1700CST			0	0	Winter Storm
	25	1100CST					

Heavy snow of 9 to 11 inches fell across Big Stone and Traverse counties. Along with the heavy snow came blizzard conditions throughout the morning hours of the 25th as northwest winds increased to 25 to 45 mph. The heavy snow and blizzard conditions created difficult, if not impossible driving conditions. Also, many events were canceled or postponed. Some snowfall amounts included, 9 inches at Browns

Storm Data and Unusual Weather Phenomena

February 2001

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

Valley, Wheaton, Clinton, Graceville and Dumont, and 11 inches at Ortonville and Artichoke Lake.

MISSISSIPPI, Central

Bolivar County

Winstonville	09	1145CST			0	0	22K	Thunderstorm Wind
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An eighteen-wheeler truck was blown over onto a car. The roof was blown off of an old grain silo.

Washington County

Greenville	09	1145CST 1155CST			0	0	110K	Thunderstorm Wind
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A building at an automobile dealer had a wall blown out, and several cars were damaged. Several boats at the Greenville Yacht Club received damage. A casino boat was blown off of the ropes that tied the boat to the Greenville Yacht Club; damaging Yacht Club facilities. A private school received some minor damage. Several trees were blown down.

Hinds County

1 S Jackson	09	1435CST 1440CST			0	0	2K	Thunderstorm Wind
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A tree and several power lines were blown down.

Neshoba County

Countywide	09	1545CST 1550CST			0	0	3K	Thunderstorm Wind
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A number of trees were blown down in the Dixon area and across the county.

Warren County

Countywide	16	1130CST 1140CST			0	0	8K	Thunderstorm Wind
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Trees were blown down in the Vicksburg area and in other parts of the county. Power lines were blown down in the Vicksburg area causing power outages.

Yazoo County

Countywide	16	1130CST 1145CST			0	0	280K	Thunderstorm Wind
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Numerous trees were blown down countywide...especially in the Yazoo City area. Two mobile homes were destroyed. Four houses and one farm sustained major damage. Six homes and six businesses received minor damage.

Holmes County

5 NW Goodman to 4 NNE Goodman	16	1210CST 1215CST	4	.3	1	1	50K	Tornado (F2)
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The tornado formed about 1.4 miles west of interstate 55 at mile marker 150, then tracked eastward. As the tornado tracked eastward across Interstate 55, an eighteen wheeler truck was overturned. The tornado continued to track eastward across Holmes County State Park, where many trees were blown down and several cabins were damaged. A woman caught in the storm at the State Park was killed when her car was blown on top of her after she had abandoned the vehicle to take refuge in a ditch. The tornado then moved eastward to a point just north of the highway 51/424 intersection and dissipated. F44OU

Holmes County

Lexington to Durant	16	1210CST 1225CST			0	0	500K	Thunderstorm Wind
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Major damage occurred in the Durant area from a severe thunderstorm that also produced an F2 tornado in the county. The damage in the Durant area included one house and 10 mobile homes destroyed, major damage to 15 houses and five mobile homes, and minor damage to 119 houses and seven mobile homes. The winds also caused damage to 30 apartment units in the Durant area. Several local businesses also sustained damage, and many trees were blown down in and around the city of Durant. A number of trees were also blown down in the Lexington area.

Madison County

Canton to 8 NE Canton	16	1215CST 1230CST			0	0	25K	Thunderstorm Wind
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Trees were blown down and windows broken at Madison Academy in Canton. An 18-wheeler truck was flipped onto its side while driving on Interstate 55 near Canton. Numerous trees and power lines were blown down in rural areas east and northeast of Canton where a few mobile homes were damaged by fallen trees.

Yazoo County

2 E Dover	16	1215CST			0	0	2K	Thunderstorm Wind
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A few trees were blown down along highway 433.

Hinds County

Countywide	16	1220CST 1230CST			0	0	3K	Thunderstorm Wind
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Several trees were blown down in various parts of the county.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>MISSISSIPPI, Central</u>							
Attala County							
Countywide	16	1224CST 1245CST			0 0	1.2M	Thunderstorm Wind
A major derecho storm caused significant damage across much of the northern half of the county. Serious wind damage was reported from Possunneck to Hesterville to north of Kosciusko to Ethel to McCool. Damage in the county included three houses and three mobile homes destroyed, 30 houses and 12 mobile homes sustained major damage, and 101 houses and six mobile homes sustained minor damage. At least 20 farm structures received major damage. Several schools, businesses, and farm buildings received minor damage. Thousands of trees were blown down along a 15-mile stretch of the Natchez Trace in the northeastern part of the county. Many trees blocked the Natchez Trace and other roads in northern portions of the county.							
Copiah County							
Countywide	16	1225CST 1240CST			0 0	3K	Thunderstorm Wind
Several trees were blown down in various portions of the county.							
Attala County							
Sallis	16	1230CST			0 0	5K	Hail (1.75)
A brief period of golfball sized hail caused minor roof damage to a few buildings.							
Rankin County							
Countywide	16	1230CST			0 0	10K	Thunderstorm Wind
Many trees were blown down throughout the county. Several power lines were knocked down by fallen trees, and a transformer caught fire after a tree fell on it.							
Leake County							
10 NW Carthage to Marydell	16	1240CST			0 0	55K	Thunderstorm Wind
Numerous henhouses and sheds were destroyed or seriously damaged. A church received damage. A house in Marydell received minor damage. Many trees were blown down along the Natchez Trace in the northwestern portion of the county.							
Montgomery County							
Winona	16	1245CST 1250CST			0 0	4K	Thunderstorm Wind
A few trees and power lines were blown down.							
Choctaw County							
French Camp to 5 E Ackerman	16	1250CST 1255CST			0 0	180K	Thunderstorm Wind
A major derecho storm moved northeast out of Attala county and caused significant damage in southern portions of the county. The French Camp Academy sustained significant damage to several buildings from fallen trees. Elsewhere across southern portions of the county, one mobile home was destroyed, four houses and one mobile home sustained major damage, and at least 50 homes received minor damage.							
Webster County							
Countywide	16	1300CST			0 0	4K	Thunderstorm Wind
Several trees were blown down in various parts of the county.							
Winston County							
10 W Louisville to Louisville	16	1310CST 1315CST			0 0	160K	Thunderstorm Wind
Two houses and four mobile homes sustained major damage. Fifteen other houses and mobile homes had minor damage, mainly due to trees and large limbs that were blown down onto roofs. Several power lines were blown down or knocked down by fallen trees and limbs.							
Oktibbeha County							
1 W Sturgis to 10 E Starkville	16	1315CST 1342CST			0 0	10M	Thunderstorm Wind
A major derecho storm moved northeastward across the county from Sturgis to Longview to Starkville. The storm caused thousands of trees to be blown down, and numerous homes received damage from the wind and from large trees that landed on the homes. The Mississippi State University campus in Starkville had an estimated \$6 million in damage. Damage to power lines and transformers was estimated to be around \$300,000 in the county. Across the county, 24 houses and 22 mobile homes were destroyed, 147 houses and 32 mobile homes sustained major damage, and 655 houses and 55 mobile homes received minor damage. Additionally, 74 apartment units in Starkville were destroyed, 101 units sustained major damage, and 841 units had minor damage. A number of businesses received roof damage and damage to signs. The Starkville Academy had major roof damage. Despite the widespread damage, no serious injuries were reported.							
Neshoba County							
Philadelphia	16	1320CST			0 0	5K	Thunderstorm Wind
Numerous trees were blown down. The roof was blown off of a storage shed.							
Kemper County							
Countywide	16	1330CST 1345CST			0 0	10K	Thunderstorm Wind
Trees and power lines were blown down across the county. A few homes received minor roof damage from fallen trees.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
MISSISSIPPI, Central							
Lowndes County							
Mayhew to Columbus	16	1342CST 1355CST			0 0	11M	Thunderstorm Wind
							A major derecho storm moved eastward across much of the northern half of Lowndes County. The storm caused extensive damage across the county including: \$500,000 in damage to the East Mississippi Community College in Mayhew, \$1 million to Columbus public schools, and over \$1 million in damage to the Mississippi University for Women in Columbus. Damage reports indicated 17 houses and 21 mobile homes were destroyed, 512 houses and 16 mobile homes sustained major damage, and 1732 houses and 110 mobile homes received minor damage. There were two apartment units that were destroyed, six units had major damage, and 63 apartment units sustained minor damage. The Columbus-Lownes Recreational authority estimated \$200,000 in damage to city and county parks. Many buildings also had roof and sign damage. One business located in the corner of a strip mall shopping center had a wall collapse after the winds lifted up the roof. Despite the widespread damage in the county, no serious injuries were reported.
Clay County							
4 SW West Pt to West Pt	16	1345CST			0 0	30K	Thunderstorm Wind
							The northern edge of a major derecho storm moved across eastern portions of the county. Numerous trees and power lines were blown down. Several buildings were damaged at Mary Holmes College. A few other buildings received minor damage from fallen trees.
Noxubee County							
Countywide	16	1355CST 1410CST			0 0	30K	Thunderstorm Wind
							A barn was destroyed. Numerous trees were blown down and caused damage to houses and other buildings. Many power lines were blown down or knocked down by fallen trees and limbs. Several roofs of homes and other buildings were damaged by the wind.
Lincoln County							
Countywide	16	1400CST 1415CST			0 0	10K	Thunderstorm Wind
							Many trees and power lines were blown down across the county with minor damage to a few roofs.
Simpson County							
Countywide	16	1400CST 1415CST			0 0	5K	Thunderstorm Wind
							Several trees and power lines were blown down in various parts of the county.
Smith County							
Countywide	16	1410CST 1500CST			0 0	10K	Thunderstorm Wind
							Many trees were blown down across the county. Fallen trees and limbs caused downed power lines and damage to several homes and other buildings.
Lincoln County							
8 NE Brookhaven	16	1415CST			0 0		Hail (0.75)
Clarke County							
10 N Quitman	16	1445CST			0 0	1K	Thunderstorm Wind
							Several trees were blown down in a rural area.
Jasper County							
4 SW Rose Hill to 2 N Rose Hill	16	1445CST			0 0	2K	Thunderstorm Wind
							Several trees were blown down in a rural area.
Newton County							
Countywide	16	1445CST 1450CST			0 0	3K	Thunderstorm Wind
							A number of trees were blown down, mainly in rural parts of the county.
Lauderdale County							
1 E Meridian	16	1504CST			0 0		Hail (0.75)
Lauderdale County							
6 SE Meridian	16	1520CST			0 0		Hail (0.88)
Lauderdale County							
6 SE Meridian	16	1520CST			0 0	10K	Thunderstorm Wind
							A tree was blown onto a house and caused roof damage.
Covington County							
9 W Sanford	16	1540CST			0 0	1K	Thunderstorm Wind
							Several trees were blown down in a rural area.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
MISSISSIPPI, Central							
Jasper County							
2 SW Rose Hill	16	1600CST			0 0	10K	Thunderstorm Wind
Several trees and powerlines were blown down. A house and a shed received roof damage. A tree was blown onto a house trailer causing damage to the structure.							
Jones County							
Countywide	16	1600CST 1630CST			0 0	5K	Thunderstorm Wind
Several trees were blown down in scattered parts of the county.							
Jones County							
8 W Ellisville to 7.5 W Ellisville	16	1610CST 1615CST	0.5	150	0 0	1K	Tornado (F0)
An F0 tornado briefly touched down in a rural area in southwest Jones County. Damage was restricted to a number of downed trees.							
Clarke County							
Countywide	16	1645CST 1650CST			0 0	6K	Thunderstorm Wind
A number of trees and power lines were blown down in various parts of the county.							
Marion County							
14.5 NE Columbia to 15.5 NE Columbia	16	1535CST 1539CST	1	150	0 0	1K	Tornado (F0)
Lamar County							
7 W Sumrall to 6 WNW Sumrall	16	1539CST 1545CST	1.5	150	0 0	1K	Tornado (F0)
Jefferson Davis County							
1 SE Melba to 1 ESE Melba	16	1545CST 1546CST	0.5	150	0 0	15K	Tornado (F0)
An F0 tornado first touched down in extreme northeast Marion County. The tornado caused downed trees in this rural area, then moved northeast out of the county into a rural area of extreme northwest Lamar County. Damage was confined to downed trees. The tornado then moved northeast out of the county and into extreme southeast Jefferson Davis County about one mile southeast of Melba. Two barns sustained minor structural damage, and two houses had minor roof damage. A number of trees were also blown down. The tornado only tracked about .5 mile in Jefferson Davis County before dissipating. The total tornado track through all three counties was about three miles.							
Washington County							
7 W Winterville to 5 NW Winterville	24	1835CST 1837CST	2	180	0 0	3K	Tornado (F0)
Bolivar County							
3 W Lamont to 2 E Merigold	24	1837CST 1932CST	35	440	0 0	1.5M	Tornado (F2)
This tornado touched down as an F0 tornado in extreme northwest Washington County and moved across a cotton field. The tornado quickly moved into southwest Bolivar County about three miles west of Lamont. The storm moved across the community of Benoit and then about two miles west of Cleveland. The tornado continued on a northeasterly path until dissipating about one mile east of Merigold near the Sunflower County line. The tornado was rated as strong as an F2 in portions of Bolivar County. Damage in the tornado path in Bolivar County included: three houses destroyed, two houses with major damage, five houses with minor damage, and a mobile home destroyed. One small church was destroyed, about two miles east of Benoit. The airplane hangar on a small airstrip near Scott was destroyed, including four small planes inside the hangar. One of the planes was blown at least one half mile from where it had been located in the hangar. At least three businesses sustained serious damage. No serious injuries were reported in the county.							
Bolivar County							
1 W Cleveland to Cleveland	24	1915CST 1920CST			0 0	30K	Hail (1.75)
Hail up to 1.75 inches in diameter caused damage to building roofs and cars in western sections of Cleveland. Hail up to 1 inch in diameter caused damage to roofs and cars around Delta State University.							
Sharkey County							
Rolling Fork	24	1940CST			0 0	10K	Thunderstorm Wind
A few buildings in Rolling Fork sustained minor damage, including damage to windows of the County Courthouse.							
Sunflower County							
Parchman	24	1940CST			0 0	50K	Hail (1.50)
Hail up to 1.5 inches in diameter caused roof damage.							
Humphreys County							
1 S Jaketown	24	2000CST			0 0	1K	Thunderstorm Wind
A few trees were blown down.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>MISSISSIPPI, Central</u>							
Humphreys County							
3 N Belzoni to 3.5 N Belzoni	24	2020CST 2022CST	0.5	350	0 0	10K	Tornado (F0)
A brief F0 tornado touched down three miles north of Belzoni. The tornado blew down several trees, knocked down fences, and caused minor damage to a few structures.							
Leflore County							
Greenwood	24	2045CST			0 0		Hail (0.88)
Carroll County							
5 SW Malmaison	24	2046CST			0 0		Thunderstorm Wind (G53) ^M
The Greenwood Airport, which is located in Carroll County, had a peak wind gust of 61 mph at 846 PM.							
Scott County							
Forkville to 2 W Harpersville	24	2100CST 2110CST			0 0	2K	Thunderstorm Wind
Numerous trees were blown down in a mostly rural area.							
Scott County							
5 N Harpersville	24	2125CST			0 0	160K	Thunderstorm Wind
One house received major damage, and a mobile home was destroyed. Several houses had minor roof damage. Two farms sustained significant damage, including four chicken houses that were destroyed. Several additional farms received minor wind damage.							
Neshoba County							
5 S Philadelphia	24	2213CST			0 0	2K	Thunderstorm Wind
A number of trees were blown down in a rural area.							
Holmes County							
3 S Durant	25	0045CST			0 0	2K	Thunderstorm Wind
Several trees were blown down in a rural area.							
Clarke County							
Stonewall	25	0315CST			0 0	8K	Thunderstorm Wind
A tree fell on a house and caused roof and minor structural damage. Power lines were blown down.							
Leflore County							
3 SE Greenwood to 4 E Greenwood	24	2037CST 2047CST	5	400	0 0	2.2M	Tornado (F3)
Carroll County							
5 W Malmaison to 10 E Avalon	24	2047CST 2105CST	15	350	0 0	100K	Tornado (F1)
Grenada County							
9 SW Grenada to 7 SW Grenada	24	2105CST 2107CST	2	200	0 0	1K	Tornado (F0)
This tornado produced F3 damage shortly after it touched down three miles southeast of downtown Greenwood. The storm traveled northeastward about four miles until it reached the Carroll County line about four miles east of Greenwood. In the Greenwood area of Leflore County, the tornado destroyed 14 houses and five mobile homes. Additionally, eight houses sustained major damage, and 43 houses had minor damage. Several businesses, including a construction business office, a western store, and a pest control company were seriously damaged or destroyed. A canceled check from the pest control company was found several days later 11 miles west of New Albany, Mississippi, about 90 miles away from the destroyed business where the check originated. Despite the widespread damage in the Greenwood area, no one received any serious injuries. One family of four was huddled in the first floor bathroom of a two story house. The house was entirely destroyed except for the bathroom where the family had taken shelter. After a five mile path in Leflore County, the tornado moved into northwestern Carroll County. The tornado next tracked fifteen miles across rural portions of northwestern Carroll County. In Carroll County, three farms sustained major damage, and numerous trees were blown down. The NWS storm survey determined the damage was F1 in nature in Carroll County. Finally, the tornado tracked into south central Grenada County. The storm dissipated within two miles of the county border with only F0 damage noted for downed trees. The total tornado track across the three counties was about 22 miles long.							
Smith County							
1 E Raleigh to Raleigh	27	1420CST 1426CST			0 0	8K	Thunderstorm Wind
At least a dozen trees were blown down. A mobile home sustained damage to its roof and to the skirting around the home.							
Jasper County							
2 SE Bay Spgs	27	1430CST			0 0	2K	Thunderstorm Wind
A few trees and power lines were blown down.							
<u>MISSISSIPPI, North</u>							
Panola County							
Sardis	09	1230CST 1235CST			0 0	10K	Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
MISSISSIPPI, North							
Several large trees were knocked down.							
Chickasaw County 2 N Houston	09	1425CST 1430CST			0 0	60K	Thunderstorm Wind
A restaurant lost part of its roof. One businesses had some windows blown out. A metal building had its sides blown out and the roof torn off. Three homes had roof damage. One carport was blown away. One trailer was overturned. Several large trees were knocked down on top of some houses and cars.							
MSZ016	16	1330CST 1335CST			0 0	5K	High Wind (G35) ^M
Winds which reached 40 mph along with very wet soils caused several trees to be knocked down in the eastern part of the county.							
Pontotoc County Randolph to 5 S Pontotoc	21	2145CST 2155CST			0 0	0.75K	Hail (1.75)
Hail ranged in size from dimes near Randolph to golfballs south of Pontotoc.							
Itawamba County Evergreen to New Salem	21	2235CST 2250CST			0 0	20K	Thunderstorm Wind
Numerous trees and power lines were blown down.							
Monroe County 1 S Smithville to Smithville	21	2245CST 2255CST			0 0	1.8K	Hail (2.00)
Monroe County 1 S Smithville to Hatley	21	2245CST 2255CST			0 0	20K	Thunderstorm Wind
A few homes had damage to their roofs. Numerous large trees were knocked down.							
Tallahatchie County .5 S Sumner	24	1955CST 2000CST			0 0	250K	Thunderstorm Wind



Some of the damage caused by straight-line winds as a thunderstorm passed .5 miles south of Sumner.

Forty mobile homes and nineteen houses were damaged or destroyed. A fire station had a severely damaged wall. Some chain link fencing was blown over.

Calhoun County Big Creek	24	2130CST 2135CST			0 0	5K	Thunderstorm Wind
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Several trees were knocked down.

Storm Data and Unusual Weather Phenomena

February 2001

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

Calhoun County

**3 N Bruce to
5 SE Sarepta** 24 2135CST
2150CST 8 50 0 0 10K **Tornado (F3)**

The tornado began in rural Calhoun county and tracked northeast moving into Pontotoc county near Matthews.

Chickasaw County

Houston 24 2145CST
2150CST 0 0 1K **Thunderstorm Wind**

A statue of an eagle located at the top of the Chickasaw County Courthouse was blown off.

Pontotoc County

**3 SW Robbs to
Sherman** 24 2150CST
2220CST 23 1000 6 43 28M **Tornado (F3)**



An ariel view of Pontotoc after the tornado moved through the area on February 24.

The tornado continued in Pontotoc moving in near Robbs and tracking northeast through the county.

The tornado moved through the entire county eventually moving into extreme southeast Union county near the town of Blue Springs. The tornado produced much of its damage between Algona and Pontotoc. At least 360 homes, 15 businesses and 2 churches were damaged or destroyed in Pontotoc. Among the homes destroyed was a restored antebellum plantation home listed in the National Register of Historic Places. Numerous trees and power lines were blown down. M9PH, F65PH, M40PH, M36OU, F72PH, M4PH

Union County

**5 SE Blue Spgs to
2 NE Ellistown** 24 2220CST
2225CST 6 150 0 0 100K **Tornado (F3)**

The tornado continued to move northeast across extreme southeast Union county from Pontotoc county. The tornado moved into northern Lee county near Corrona. While the tornado was in Union county, a couple of mobile home were destroyed. Nine mobile homes and several houses were damaged. Some trees and power lines were also knocked down.

Lee County

**2 SW Corrona to
Baldwyn** 24 2225CST
2235CST 10 100 0 0 1M **Tornado (F3)**

Storm Data and Unusual Weather Phenomena

February 2001

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



This veterinarian's office near the town of Guntown was damaged by the tornado that moved through northern Lee county.

The continued into Lee county from Union county and tracked northeast producing damage in Baldwin. The tornado then moved out of Lee county into Prentiss county. In Guntown, eight homes and 1 business were heavily damaged while 13 other structures were damaged. In Saltillo, a mobile homes overturned. The tornado did significant damage in Baldwin, which is located on the Lee/Prentiss county line. Nearly 100 homes were damaged or destroyed including the Baldwin High School which lost the roof to its gymnasium.

Prentiss County

5 S Wheeler to
Wheeler

24	2235CST 2245CST	5	50	0	30	2M	Tornado (F3)
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The tornado continued from Lee county into Prentiss county finally lifting up near the town of Wheeler.

The most significant damage occurred in Baldwin along the Lee/Prentiss county line. Nearly 100 homes were damaged or destroyed. The Baldwin High School lost the roof to its gymnasium and had another building damaged. Six homes were damaged in Wheeler.

Alcorn County

4 W Corinth

24	2328CST 2335CST			0	0	0.75K	Hail (1.75)
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Alcorn County

Kossuth

24	2340CST 2345CST			0	0	5K	Thunderstorm Wind
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A few trees were blown down.

MISSISSIPPI, South

Pike County

5 E Mc Comb

09	1550CST			0	0	6K	Thunderstorm Wind
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Thunderstorm winds damaged the roof of a building and blew down several trees in the community of Friendship.

MISSISSIPPI, Southeast

NONE REPORTED.

MISSOURI, East

Gasconade County

Bland

09	0700CST			0	0	Thunderstorm Wind (G50)
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Thunderstorm winds caused scattered damage at area farms near Bland. A couple of barns and sheds were severely damaged along with some trees and power lines down.

Gasconade County

Owensville

09	0705CST			0	0	Thunderstorm Wind (G55)
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Storm spotters reported power lines down.

Franklin County

Sullivan

09	0720CST			0	0	Thunderstorm Wind (G55)
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Storm spotters reported trees down.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
MISSOURI, East							
Warren County							
2 S Warrenton	09	0725CST			0 0		Thunderstorm Wind (G55)
Warren County							
Marthasville	09	0730CST			0 0		Thunderstorm Wind (G55)
Storm spotters reported trees down just south of Warrenton and at the American Legion Post in Marthasville.							
Franklin County							
Union	09	0735CST			0 0		Thunderstorm Wind (G55)
Local law enforcement reported power lines down.							
St. Charles County							
Defiance	09	0740CST			0 0		Thunderstorm Wind (G55)
St. Charles County							
O Fallon	09	0745CST			0 0		Thunderstorm Wind (G55)
St. Charles County							
O Fallon	09	0745CST			0 0		Thunderstorm Wind (G55)
Storm spotters reported trees and power lines down in Defiance, at the intersection of Interstate 70 and Highway K, and along Highway D.							
Lincoln County							
3 S Troy	09	0745CST			0 0		Thunderstorm Wind (G55)
Off duty National Weather Service personnel reported utility poles and lines down south of Troy.							
MOZ072>075-084>085-099							
Crawford - Washington - St. Francois - Ste. Genevieve - Iron - Madison - Reynolds							
	21	1830CST 2300CST			0 0		Ice Storm
A fast moving winter storm put a coating of ice on a portion of southeast Missouri. The freezing rain changed over to sleet and snow leaving 2 to 3 inches of snow on top of the ice. Trees and power lines were down throughout the area. Transportation was brought to a halt from the evening of the 21st through the 22nd.							
Audrain County							
Countywide	24	2300CST			0 1		Urban/Sml Stream Fld
Rainfall from 2 to 2 1/2 inches caused localized flooding across Audrain County. A 17 year-old boy suffered minor injuries when the van he was driving was overtaken by floodwater on County Road 820. After driving into the water, he managed to escape the stalled vehicle by crawling out a window. He was swept into the creek channel but managed to swim and walk to higher ground. The van was found a half mile down stream the next day. The road routinely floods during heavy rain.							
MOZ018>019-026>027-034>036-041>042-047>052-059>065-072>075-084>085-099							
Knox - Lewis - Shelby - Marion - Monroe - Ralls - Pike - Boone - Audrain - Moniteau - Cole - Osage - Callaway - Montgomery - Lincoln - Gasconade - Warren - St. Charles - Franklin - St. Louis - St. Louis (C) - Jefferson - Crawford - Washington - St. Francois - Ste. Genevieve - Iron - Madison - Reynolds							
	25	0000CST 1200CST			0 0		High Wind (G40)
Strong gradient winds from a deep low pressure system over the upper Midwest produced winds of 30 to 35 mph with gusts from 45 to 50 mph across the region. Minor tree, power line, and roof damage was common across the area.							
MISSOURI, Lower							
Dunklin County							
Countywide	15	0500CST 0900CST			0 0	2K	Urban/Sml Stream Fld
Much of the southern half of the county had roads that were flooded.							
Dunklin County							
Cardwell	24	1937CST 1945CST			0 0	10K	Thunderstorm Wind (G55)
Several trees and power lines were knocked down.							
MISSOURI, Northeast							
MOZ009>010							
Scotland - Clark							
	07 08	1500CST 0200CST			0 0		Freezing Rain
A strong storm system moved slowly over the Middle Mississippi Valley during the mid to latter portion of the week. The first wave of precipitation developed over the region during the afternoon ahead of a northward advancing warm front. Warm, moist air overrunning shallow, cold air resulted in freezing rain, freezing drizzle and some sleet. The icy mix was responsible for numerous minor accidents, and scattered power outages.							

Storm Data and Unusual Weather Phenomena

February 2001

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

MOZ001>004-011>012 **Atchison - Nodaway - Worth - Gentry - Holt - Andrew**

09	0200CST 1700CST				0 0		Heavy Snow
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MOZ005>008-013>017-020>025-028>033-037>040-043>046-053>054 **Harrison - Mercer - Putnam - Schuyler - De Kalb - Daviess - Grundy - Sullivan - Adair - Buchanan - Clinton - Caldwell - Livingston - Linn - Macon - Platte - Clay - Ray - Carroll - Chariton - Randolph - Jackson - Lafayette - Saline - Howard - Cass - Johnson - Pettis - Cooper - Bates - Henry**

09	0200CST 2200CST				0 0		Winter Storm
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A strong storm system moved across Northwest Missouri on February 9th with a variety of winter weather. Heavy snows of 8 to 10 inches fell across Nodaway county, with 6 to 8 inches north of a St. Joseph to Grant City line. The remainder of the area reported 1/4 to 1/2 inch of ice accumulation, with snowfalls of 1 to 5 inches on top of the ice. Numerous traffic accidents were reported along with additional school closings.

MOZ017-023-029>032-039>040-044-046-054 **Adair - Livingston - Clay - Ray - Carroll - Chariton - Saline - Howard - Johnson - Cooper - Henry**

09 11	0300CST 1800CST				0 0		Flood
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The strong storm system which brought snow and ice to northwest Missouri, changed to rain during the day on February 9th. The combination of melting snow and rainfall up to one inch in places, produced extensive minor to moderate flooding. Rivers crested from 1 to 3 feet over flood stage. This was the first widespread flood event since June of 2000.

MOZ001-012-014-020-023-028>032-038>040-044-046-054 **Atchison - Andrew - Daviess - Buchanan - Livingston - Platte - Clay - Ray - Carroll - Chariton - Lafayette - Saline - Howard - Johnson - Cooper - Henry**

24 28	1000CST 2300CST				0 0		Flood
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A storm system dumped up to 2 inches of rain, over portions of northwest Missouri on February 24th. This resulted in minor to moderate flooding on area rivers and creeks. The Lamine River at Otterville crested at 19.43 feet, 4.43 feet above flood stage. Petite Saline Creek at Boonville crested at 20.17 feet, or 4.17 feet above flood stage. The Grand River at Sumner crested at 35.40 feet, 9.40 feet above flood stage.

MOZ001>002-006-011>013-015-020-054 **Atchison - Nodaway - Mercer - Holt - Andrew - De Kalb - Grundy - Buchanan - Henry**

27	0600CST 2100CST				0 0		Heavy Snow
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MOZ003>004-007>008-014-016>017-021>023-028>029-037-043 **Worth - Gentry - Putnam - Schuyler - Daviess - Sullivan - Adair - Clinton - Caldwell - Livingston - Platte - Clay - Jackson - Cass**

27	0600CST 2100CST				0 0		Winter Storm
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A storm system over the southwestern United States on February 27th, resulted in significant snowfall across northwest Missouri. Heaviest snows of 6 to 9 inches, fell north of a St. Joseph to Trenton line. Elsewhere, amounts ranged from 3 to 5 inches north of the Missouri River, and 1 to 3 inches south. In addition, gusty north winds caused blowing and drifting of the snow. Numerous traffic accidents were reported and many schools were once again closed.

MISSOURI, Southeast

MOZ076-086>087-100-107>111 **Perry - Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Butler - Stoddard - Scott**

21	2000CST 2300CST				0 0		Winter Storm
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Several hours of moderate to heavy sleet and freezing rain occurred, sometimes accompanied by thunder and lightning. The sleet accumulated to a depth of one inch. Freezing rain glazed some surfaces, mainly trees and power lines, with up to one quarter inch of ice. There were numerous school closings on the day following the storm. The liquid equivalent of the precipitation was just under an inch.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
MISSOURI, Southeast							
Carter County							
Van Buren	24	1800CST			0 0	4K	Thunderstorm Wind (G50)
							Utility company personnel reported some tree and power line damage across the county.
New Madrid County							
Marston to 3 N Matthews	24	2000CST			0 0	6K	Thunderstorm Wind
							Power lines were blown down at Marston. A few power poles were blown over between Matthews and Sikeston.
Stoddard County							
5 WNW Dexter	24	2000CST			0 0		Urban/Sml Stream fld
							A foot of water was over several spots on Route F between Aid and U.S. 60.
Scott County							
Blodgett	24	2006CST			0 0	2K	Thunderstorm Wind (G50)
							A three-inch pipe flagpole was knocked down in front of the fire station.
Stoddard County							
Dexter	24	2006CST			0 0	5K	Thunderstorm Wind (G50)
							Trees and power lines were down across the southern part of the county.
Mississippi County							
Charleston	24	2019CST			0 0		Hail (0.75)
Mississippi County							
Charleston	24	2019CST			0 0		Thunderstorm Wind (G52)
							Winds were estimated around 60 MPH.
Cape Girardeau County							
Cape Girardeau	24	2030CST			0 0	3K	Thunderstorm Wind (G50)
							A couple of trees were down on Route 439.
MOZ100							
	25	0600CST			0 0		Flood
	26	1300CST					
							The St. Francis River exceeded flood stage at Patterson from February 25 to February 26. The river crested at 18.0 feet, two feet above flood stage, at 5:30 P.M. on the 25th.
MOZ076-087-111							
	28	0700CST			0 0		Flood
		2359CST					
							The Mississippi River rose to flood stage at Cape Girardeau on the last day of the month. Since the river barely exceeded flood stage, no significant flooding occurred.
MISSOURI, Southwest							
Barton County							
Mindenmines	08	1720CST			0 0	0	Flash Flood
		1820CST					
							Widespread flooding caused numerous roads to close in the Mindenmines area.
Vernon County							
1 E Sheldon	08	1825CST			0 0	0	Flash Flood
		1925CST					
							Heavy rainfall caused Highway B to flood near Sheldon.
Mcdonald County							
Anderson	09	0410CST			0 0	75K	Thunderstorm Wind
							Thunderstorm winds damaged or destroyed a barn, numerous outbuildings and homes. A roof was partially blown off of a local high school which contributed to water damage to the gym.
Newton County							
Neosho	09	0415CST			0 0	0	Hail (0.88)
Mcdonald County							
5 S Powell	09	0445CST			0 0	10K	Thunderstorm Wind
							Numerous trees were blown down along with some minor damage to buildings.
Barry County							
2 E Monett	09	0500CST			0 0	5K	Thunderstorm Wind
							A large tree was blown down on Highway 60 near Monett. Golfball size hail was also reported. In addition, roof damage was reported near Ridgley.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
MISSOURI, Southwest							
Lawrence County							
3 NW Verona	09	0505CST			0 0	1K	Thunderstorm Wind
Power lines were blown down.							
Greene County							
Springfield Arpt	09	0505CST			0 0	75K	Thunderstorm Wind (G60)
Wind damage was fairly extensive over western and northeast Greene County. The initial damage occurred about 5 miles west of Springfield which destroyed a barn, damaged numerous outbuildings, and blew a semi truck off Interstate 44. Livestock was also killed due to flying barn debris. Near Willard, a large tree was blown down causing structural damage to a home. Near Fair Grove, a middle school's roof was partially blown off, plus the school's athletic field had damage to the metal scoreboard, concrete dugout, and ticket stand.							
Christian County							
Clever	09	0510CST			0 0	0.50K	Thunderstorm Wind
A street sign was blown down.							
Camden County							
5 SE Wet Glaize	09	0600CST			0 0	40K	Thunderstorm Wind
Strong winds blew down numerous outbuildings, grain bins, roofs, and a barn southeast of Wet Glaize or just north of the town of Richland.							
Newton County							
Neosho	21	1204CST			0 0	0	Hail (0.75)
Newton County							
Neosho	21	1512CST			0 0	0	Hail (0.75)
MOZ055>058-066>071-077>083-088>098-101-105>106							
	21	1530CST 2200CST			0 0	25K	Ice Storm
Sleet, freezing rain and embedded thunderstorms caused ice accumulations from one quarter, up to two inches in some places across southwest, central and south central Missouri. The heaviest ice accumulations occurred along and north of Highway 60, and along the I-44 corridor. Howell-Oregon electric cooperative reported numerous power outages due to the ice around the communities of Willow Springs, Birch Tree, Mountain View, Winona, Eminence and Dora.							
Barry County							
Jenkins	21	1620CST			0 0	0	Hail (0.75)
Stone County							
5 NW Kimberling City	21	1800CST			0 0	0	Hail (0.75)
Taney County							
Protem	21	1900CST			0 0	0	Hail (1.00)
Greene County							
Countywide	24	0530CST 0700CST			0 0	0	Flash Flood
Barry County							
Countywide	24	0534CST 0700CST			0 0	0	Flash Flood
Christian County							
Countywide	24	0535CST 0700CST			0 0	0	Flash Flood
Mcdonald County							
Countywide	24	0547CST 0700CST			0 0	0	Flash Flood
Newton County							
Countywide	24	0550CST 0700CST			0 0	0	Flash Flood
Stone County							
Countywide	24	0552CST 0700CST			0 0	0	Flash Flood
Lawrence County							
Countywide	24	0645CST 0700CST			0 0	0	Flash Flood

Heavy rainfall from overnight thunderstorms caused numerous low water crossings to flood across portions of southwest Missouri. In

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
MISSOURI, Southwest							
addition, numerous secondary roads were closed. Most creeks, streams and small rivers were near bankfull.							
Vernon County							
Walker	24	1230CST			0 0	100K	Thunderstorm Wind
One machine shed, two outbuildings, and a barn were damaged near Walker.							
MOZ077-082-088-090-093>097-101>103-105							
	24	1242CST 2000CST			0 0	0	Flood
A strong storm system produced copious amounts of rainfall over a large area of southern Missouri. The heavy rain caused numerous low water crossings, streams, creeks, small rivers, and roads to flood across a wide area through the period. The most significant flooding occurred along Indian Creek and Elk River in southwest Missouri, as well as the Finley River. As many of the tributaries throughout southern Missouri flooded, significant river flooding developed and lasted for two to three days.							
Mcdonald County							
Noel	24	1300CST			0 0	0	Thunderstorm Wind
Numerous trees were blown down near Noel.							
Newton County							
Neosho	24	1308CST			0 0	0	Thunderstorm Wind
Trees were uprooted near Neosho.							
Newton County							
Granby	24	1320CST			0 0	5K	Thunderstorm Wind
A shed's roof was blown off near Granby, along with structural damage to a home near Boulder City.							
Barry County							
Monett Arpt	24	1325CST			0 0	0	Thunderstorm Wind (G51) ^M
Lawrence County							
5 E Pierce City	24	1325CST			0 0	0	Thunderstorm Wind (G52)
Trees were uprooted near Miller.							
Greene County							
5 S Fair Grove	24	1400CST			0 0	0	Thunderstorm Wind
Trees were uprooted near Fair Grove.							
Taney County							
Taneyville	24	1455CST			0 0	0	Hail (0.75)
Christian County							
3 E Elkhead	24	1509CST			0 0	0	Thunderstorm Wind
Several large trees were uprooted near Elkhead.							
Douglas County							
Dogwood	24	1519CST			0 0	5K	Thunderstorm Wind
Thunderstorm winds blew down numerous trees and damaged a home near Dogwood.							
Webster County							
5 SE Seymour to 6 E Seymour	24	1524CST	5	50	0 0	155K	Tornado (F1)
A tornado developed in northeast Webster County near Highway K or 5 miles southeast of Seymour. It moved northeast into extreme southwest Wright County near Highway 60. Damage was relatively light as it remained in rural areas. Four outbuildings were damaged near the intersection of Foxgrape Road and Pee Wee Crossing. A hay barn was damaged near Highway 60. Tree damage was intermittent along the path of the tornado. Top winds were estimated at 115 mph.							
Wright County							
1.5 NW Cedar Gap to 2 N Cedar Gap	24	1534CST	1.5	50	0 0	0	Tornado (F0)
This is the continuation of the Webster County tornado that moved into extreme southwest Wright County. Damage was mainly confined to trees approximately 1 to 1.5 miles across the Wright County line. Top winds were estimated around 70 mph.							
Ozark County							
Noble	24	1548CST			0 0	0	Thunderstorm Wind
Numerous trees were uprooted around Noble and near the Rainbow Trout Ranch at Rockbridge.							
Douglas County							
Gentryville	24	1605CST			0 0	0	Thunderstorm Wind
Numerous trees were uprooted near Gentryville.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
MISSOURI, Southwest							
Texas County							
Yukon	24	1630CST 1635CST			0 0	5K	Thunderstorm Wind
Trees and power lines were blown down near the intersection of Highway 17 and 137 near Yukon. Minor roof damage was also reported.							
Howell County							
Mountain View	24	1700CST			0 0	0	Thunderstorm Wind
A large tree was blown down near Mountain View.							
Oregon County							
2 W Alton	24	1715CST			0 0	10K	Thunderstorm Wind
Structural damage occurred to a metal building along with numerous trees blown down near Alton.							
MOZ055>058- 067>071-080>081- 083-098-105	25	0000CST 0400CST			0 0	125K	High Wind
A powerful late winter storm intensified as it moved across the central United States. The increased pressure gradient allowed winds to increase rapidly in a short period of time. Winds were sustained around 50 mph across portions of central and south central Missouri between midnight and 4 am. Numerous trees and power lines were blown down from the western Lake of the Ozarks, southeast across south central Missouri. The hardest hit area was near Belle, in the northeastern part of Maries county, where four barns were destroyed, plus damage occurred to numerous homes, and a storage building.							
MONTANA, Central							
MTZ012	02	0830MST	Cascade		0 0		High Wind (G55) ^M
Cascade 5 SW spotter.							
MTZ047	03	2247MST	Blaine		0 0		High Wind (G56) ^M
Chinook 11 S spotter.							
MTZ055	05	0000MST 1200MST	Gallatin		0 0		Heavy Snow
8 inches snowfall at Big Sky 2 WNW (windy at times).							
MTZ051	05	0000MST 1200MST	Fergus		0 0		Heavy Snow
6 inches snowfall at Lewistown 11 SSE.							
MTZ014	06	0000MST 2300MST	Southern Lewis And Clark		0 0		Heavy Snow
8 inches snowfall at Lincoln USFS Ranger Station (estimated from RAWS observation precipitation).							
MTZ012	06	1100MST 2000MST	Cascade		0 0		Heavy Snow
8 inches snowfall at Cascade 5 SW.							
MTZ014	14 15	1800MST 0600MST	Southern Lewis And Clark		0 0		Heavy Snow
11 inches snowfall at Lincoln USFS Ranger Station (estimated from RAWS observation precipitation)...8 inches snowfall at Austin 1 W (trained spotter)...8 inches snowfall at Helena (reported by general public - mostly fell on morning of 02/15/01 - report from higher benches - 5-6 inches of snow fell in the Helena valley).							
MTZ054	15	0000MST 1100MST	Meagher		0 0		Heavy Snow
6 inches snowfall at White Sulphur Springs 27 NW (actual spotter location name Millegan 14 SE).							
MTZ010	15 16	1600MST 0400MST	Eastern Glacier		0 0		Heavy Snow
7 inches snowfall at Del Bonita Port-of-Entry (US Customs).							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm	
<u>MONTANA, Central</u>								
MTZ055			Gallatin					
	19	1600MST			0 1		Avalanche	
	Avalanche injury reported near West Yellowstone (time of injury report estimated).							
MTZ009			North Rocky Mountain Front					
	24	1600MST			0 0		Heavy Snow	
	25	0800MST						
	12 inches snowfall reported by spotters at East Glacier (where a total of 20 inches of snow fell from 02/24/01 through 02/26/01) and East Glacier 6 SE...8 inches snowfall reported by St Mary Ranger Station of US Park Service.							
MTZ011			Hill					
	25	0800MST 1400MST			0 0		Heavy Snow	
	7 inches snowfall at Havre (reported by former NWS employee).							
MTZ047			Blaine					
	25	0800MST 1400MST			0 0		Heavy Snow	
	7 inches snowfall at Zurich 2 SE...6 inches snowfall at Chinook 11 S.							
MTZ013			Chouteau					
	25	0800MST 1400MST			0 0		Heavy Snow	
	6 inches snowfall at Big Sandy 6 N.							
<u>MONTANA, East</u>								
NONE REPORTED.								
<u>MONTANA, South</u>								
MTZ028			Wheatland					
	06	2000MST			0 0		Heavy Snow	
	6-8 inches of new snow in Big Timber							
MTZ034			Stillwater					
	06	2000MST			0 0		Heavy Snow	
	6-8 inches of new snow in Red Lodge							
MTZ038			Southern Big Horn					
	14	0750MST			0 0		Heavy Snow	
	6 inches of new snow reported at Sarpy Creek which is east of Hardin.							
<u>MONTANA, West</u>								
MTZ004-006-043			Lower Clark Fork Region - Bitterroot / Sapphire Mountains - Blackfoot Region					
	02	0600MST			0 0		Heavy Snow	
	03	0600MST						
	24 hour snowfall totals for winter storm that impacted western Montana were: In Mineral County, Hoodoo Basin 11 inches and Deborgia 7 inches; in Missoula County, Stuart Mountain 7 inches, North Fork Jocko 13 inches and Lolo Pass 8 inches; in Ravalli County, Skalkaho Pass 7 inches, Twin Lakes 12 inches, and Twelvemile Creek 7 inches.							
MTZ001>004-006-043			Kootenai/Cabinet Region - West Glacier Region - Flathead/Mission Valleys - Lower Clark Fork Region - Bitterroot / Sapphire Mountains - Blackfoot Region					
	04	0700MST			0 0		Heavy Snow	
	05	0700MST						
	Widespread heavy snow impacted northwest and west central Montana with a winter storm that dumped 6 to 12 inches in the valleys and 12 to 20 inches in the mountains. Some 24 hour snowfall totals were: In Lincoln County, Libby 8 inches and Bull Lake 12 inches; in Flathead County, Noisy Basin 15 inches, Essex 11 inches, Kalispell 9 inches, and Big Fork 10 inches; in Lake County, Ronan 8 inches and Swan Lake 11 inches; in Sanders County, Heron 9 inches, Noxon 12 inches and Poorman Peak 15 inches; in Mineral County, Deborgia 6 inches, Lookout Pass 12 inches, and Hoodoo Basin 17 inches; in Missoula County, Lolo Pass and Snowbowl 8 inches, Seeley Lake 12 inches and 20 inches at Stuart Mountain.							
MTZ001-003>004-006			Kootenai/Cabinet Region - Flathead/Mission Valleys - Lower Clark Fork Region - Bitterroot / Sapphire Mountains					
	15	0600MST 1800MST			0 0		Winter Storm	
MTZ002-007-043			West Glacier Region - Butte / Pintlar Region - Blackfoot Region					
	15	0600MST 1800MST			1 2		Blizzard	
	F51VE							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm	
NEVADA, South								
include: Mt. Charleston - 18 inches, Lee Canyon, NV - 18 inches, and Aspendell, CA - 26 inches.								
NEVADA, West								
NVZ003			Greater Reno/Carson City/Minden Area					
		06 1316PST			0 0 0		High Wind (G56) ^M	
		High wind gust to 56 kts at the Mt. Rose Summit recorded by a remote sensor.						
NVZ003			Greater Reno/Carson City/Minden Area					
		09 0830PST			0 0		Heavy Snow	
		10 0830PST						
		Mt. Rose Ski Area reported 18-24 inches of snow in 24 hours						
NVZ003			Greater Reno/Carson City/Minden Area					
		09 1315PST			0 0		Heavy Snow	
		10 1315PST						
		16 inches of snow in 24 hours reported by a spotter in Incline Village, CA.						
NVZ003			Greater Reno/Carson City/Minden Area					
		11 0130PST			0 0		Heavy Snow	
		11 1330PST						
		12 inches of snow in 12 hours reported by Mt. Rose Ski Area.						
NVZ001			Mineral/Southern Lyon					
		12 1850PST			0 0		Heavy Snow	
		13 0650PST						
		Spotter reported 5 inches of snow in 12 hours in Walker, NV.						
NEW HAMPSHIRE, North and Central								
NHZ001			Northern Coos					
		02 1900EST			0 0		Moderate Snowfall	
		03 0800EST						
		Low pressure intensifying slowly off the New England coast brought a light to moderate snowfall to the state. Snowfall amounts across New Hampshire ranged from an inch or less in the southern and central part of the state to 2 to 5 inches in Coos County.						
NHZ001>010-013>014			Northern Coos - Southern Coos - Northern Grafton - Northern Carroll - Southern Grafton - Southern Carroll - Sullivan - Merrimack - Belnap - Strafford - Interior Rockingham - Coastal Rockingham					
		05 1400EST			0 0		Heavy Snow	
		06 0600EST						
		A low pressure center that developed off the North Carolina coast on the morning of the 5th, and moved northeastward to Nova Scotia by the morning of the 6th, brought heavy snow to all of New Hampshire. Snowfall amounts generally ranged from 1 to 2 feet across the area, with the highest amounts generally falling in the southern and central part of the state.						
NHZ001>003-005-007>010-013>014			Northern Coos - Southern Coos - Northern Grafton - Northern Carroll - Southern Grafton - Sullivan - Merrimack - Belnap - Strafford - Interior Rockingham - Coastal Rockingham					
		09 0700EST			0 0		Freezing Rain	
		1600EST						
NHZ004-006			Northern Carroll - Southern Carroll					
		09 0700EST			0 0		Mixed Precipitation	
		1600EST						
		A large area of low pressure moving northeastward from the Great Lakes through eastern Ontario brought warm temperatures and a mixture of precipitation to the area. In most of New Hampshire, the precipitation started as freezing rain and eventually changed rain. However, in Carroll County, 1 to 2 inches of snow fell before the precipitation changed to freezing rain. Eventually temperatures warmed in all areas and any remaining precipitation changed to rain. By the morning of the 10th, temperatures were in the 40s and 50s across the area.						
NHZ001>010-013>014			Northern Coos - Southern Coos - Northern Grafton - Northern Carroll - Southern Grafton - Southern Carroll - Sullivan - Merrimack - Belnap - Strafford - Interior Rockingham - Coastal Rockingham					
		10 0800EST			0 0		Strong Winds	
		1800EST						
		Strong, gusty, northwest winds developed behind a cold front that moved through the area on Saturday, the 10th. The winds blew down trees and limbs onto power lines, causing power outages and scattered property damage. No injuries were reported. Power outages affected approximately 19,000 customers. Winds damaged the roof of the Mt. Washington Hotel in Bretton Woods, and downed a tree that fell onto the Post Office building in Candia. Peak gusts were measured at 54 mph in Laconia, 51 mph in Whitefield, and 49 mph in Berlin, Concord, and Portsmouth.						
NHZ001>010-013>014			Northern Coos - Southern Coos - Northern Grafton - Northern Carroll - Southern Grafton - Southern Carroll - Sullivan - Merrimack - Belnap - Strafford - Interior Rockingham - Coastal Rockingham					
		10 2100EST			0 0		Extreme Windchill Temperatures	
		11 1700EST						
		Strong winds developed across the state as a deep low pressure center moved eastward through the Canadian Maritimes and an arctic dome						

Storm Data and Unusual Weather Phenomena

February 2001

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

of high pressure dropped southeastward from central Canada. The combination of wind and cold temperatures caused wind chill temperatures across northern, central and southeast New Hampshire to drop to 25 to 40 degrees below zero in most places.

NHZ001>002

Northern Coos - Southern Coos

14	1700EST						
15	0600EST			0	0		Moderate Snowfall

Low pressure moving eastward through southern Quebec into northern Maine brought a mixture of precipitation to the state. In Coos County, the precipitation fell mainly as snow and accumulated from 3 to 6 inches. South of Coos County, the precipitation fell mainly as rain, although northern Grafton and Carroll Counties reported 1 to 3 inches of snow before the snow changed to rain.

NHZ001>002-004-

Northern Coos - Southern Coos - Northern Carroll - Southern Carroll - Belknap - Strafford - Interior

006-009>010-013>014

Rockingham - Coastal Rockingham

17	2000EST						
18	0500EST			0	0		Extreme Windchill Temperatures

The combination of wind and cold temperatures behind an arctic cold front caused wind chill temperatures in many locations across northern and eastern New Hampshire to drop to 20 to 35 degrees below zero.

NHZ003-006-009

Northern Grafton - Southern Carroll - Belknap

22	2200EST						
23	0800EST			0	0		Moderate Snowfall

An trough of low pressure extending from an intense low in the Atlantic to a weak low moving through southern Canada brought a light to moderate snowfall to much of New Hampshire. Snowfall amounts generally ranged from 2 to 6 inches with the greatest accumulations occurring in Grafton and Belknap Counties.

NHZ001>010-013>014

Northern Coos - Southern Coos - Northern Grafton - Northern Carroll - Southern Grafton - Southern Carroll - Sullivan - Merrimack - Belknap - Strafford - Interior Rockingham - Coastal Rockingham

25	0600EST						
26	0100EST			0	0		Mixed Precipitation

A deep low pressure system over the western Great Lakes on the morning of the 25th moved northeast to central Quebec by the morning of the 26th. Warmer air ahead of the system pushed northward through the mid-Atlantic states, but encountered a cold dome of high pressure over northern New England. The result was a mixture of precipitation across most of the state with the precipitation starting in all areas as snow, but changing to sleet and/or freezing rain. Along the immediate coast, the precipitation eventually changed to rain before ending as temperatures warmed above freezing. Snow and sleet accumulations generally ranged from 1 to 3 inches across the entire area.

NEW HAMPSHIRE, Southern

NHZ011>012

Cheshire - Hillsborough

05	1400EST						
06	0300EST			0	0		Heavy Snow

A major winter storm dumped over 2 feet of snow in Cheshire and Hillsborough Counties. The highest totals, between 18 and 30 inches, were reported in Cheshire County. Amounts ranging from 14 to 26 inches were observed in Hillsborough County. In some areas, snow fell at the rate of nearly 5 inches per hour. The weight of the snow caused the inflatable roof of a sports facility at Franklin Pierce College in Rindge to collapse.

NHZ011>012

Cheshire - Hillsborough

10	0900EST						
	1700EST			0	0		High Wind (G50)

Strong northwest winds gusted between 50 and 60 mph in Cheshire and Hillsborough Counties, causing about 10,000 electric customers to lose power. There were scattered reports of downed trees and wires in both counties.

NHZ012

Hillsborough

11	1300EST						
	1600EST			0	0		Strong Wind

Strong northwest winds gusted between 45 and 55 mph throughout Hillsborough County. There were no reports of wind damage.

NHZ011>012

Cheshire - Hillsborough

25	0600EST						
	1400EST			0	0		Freezing Rain

Snow changed to sleet and freezing rain, creating slippery travel at the end of the February school vacation week. There were many minor accidents throughout Cheshire and Hillsborough Counties, where there were several injuries indirectly attributed to the icy conditions.

NEW JERSEY, Northeast

NJZ002>005-011

Western Passaic - Bergen - Eastern Passaic - Essex - Union

05	1400EST						
	1800EST			0	0		Heavy Snow

On Monday February 5th, a developing low pressure system off the North Carolina coast moved northeast to a position off eastern Long Island by Monday evening. The storm then moved off the New England coast by early Tuesday. The storm spread a swath of rain and wet snow across northern New Jersey during early Monday. As the low rapidly intensified, colder air was entrained into the storm system. This changed any rain into heavy wet snow by early Monday afternoon across northern New Jersey. The snow continued into the early evening

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
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NEW JERSEY, South and Northwest

closed the next day (the 6th). Accumulations from Gloucester County northeast through Monmouth County averaged between 2 and 5 inches. Very little snow fell farther southeast in the state. The heavy snow in the northwest part of the state already exhausted many municipalities' snow removal budget for the season.

In Sussex, Warren and Morris Counties, the air mass was cold enough for precipitation to start as and fall as mainly snow. The snow began after 2 a.m. EST on the 5th, fell the heaviest between 10 a.m. and 5 p.m. EST and was over by 8 p.m. EST. In Sussex and Warren Counties, municipal and county offices closed early. Hospital personnel were transported by New Jersey Forest Service personnel. In Warren County, trucks could not cross the hill on Interstate 80 in Allamuchy Township. A 65-year-old man was found face down in a snowbank in Independence Township (Warren County). Emergency personnel were able to save his life. In Morris County, downed wires suspended service on the New Jersey Transit Morristown Line. Hospitals were loaded. In Long Hill Township alone, the police responded to 153 calls. In Chatham, a pedestrian was struck by a vehicle that skidded onto the sidewalk. Two other persons were struck and injured by a limb while they were clearing off their cars. The heavy wet snow tore down trees and limbs, especially in the southern part of the county. GPU Energy distributed bottled water to homeowners who rely on pumps for drinking water. It took until the evening of the 8th for all power to be restored. A highway sign was also damaged on Interstate 80.

Precipitation started as rain in Somerset and Hunterdon Counties before dawn on the 5th, but changed over to all snow by 10 a.m. EST. The heaviest snow fell between 1 p.m. and 6 p.m. EST before it ended by 8 p.m. EST. While some locations, received more snow, the worst tree damage occurred in northern Somerset County and the worst debilitating traffic accident occurred in Hunterdon County. The traffic snarl began about 2 p.m. EST when a couple of tractor trailers jackknifed while trying to drive over the Jugtown Mountain near Clinton on Interstate 78. Vehicles, tow trucks and snow plows became stuck behind the accident. This was further complicated by about another half dozen tractor trailers jackknifing behind the original accident. The backup was described as long as 50 miles. Front end loaders were brought from the opposite direction to clear the scene. People were stuck for as long as nine hours. Many vehicles ran out of gas. Once traffic finally started to move again, another multi-vehicle accident 45 minutes later snarled traffic again. A 12 mile stretch of U.S. 202 from Somerville to Flemington saw dozens of vehicles skid off the roadway. Elsewhere in the county, both County Routes 518 and 519 were closed, the latter because of a jackknifed tractor trailer. In East Amwell Township, several large trees were knocked down, one damaged a restaurant. About 750 homes in Clinton lost phone service. In Somerset County, the hardest hit area was in the northern part. The worst roads were ones leading up the ridges of the Watchung Mountains. Numerous trees and wires were knocked down. Nearly the entire borough of Peapack-Gladstone lost power. Thirty commuters had to walk through the snow after waiting for two hours for power to be restored on the Gladstone New Jersey Transit Line. In Bernards Township, downed power lines blocked 10 streets. A senior citizen development was evacuated because of lost power.

Across Mercer and Middlesex Counties and southwestern New Jersey, the effects of the storm were less. The rain changed to sleet and then all snow by 11 a.m. EST on the 5th in Mercer and Middlesex Counties and by 1 p.m. EST across southwest New Jersey. Heavy snow fell briefly around 3 p.m. EST. The snow ended by around 8 p.m. EST. In Middlesex County, in spite of accumulations of only around 4 inches, the snow was heavy and wet enough to pull down power lines. About 1,500 homes and businesses lost power. Abandoned cars littered the roadway. A couple of schools were closed the next day (the 6th). In Mercer County, one school bus skidded into a ditch in Hopewell Township. Many schools had delayed openings the next day.

Specific accumulations included in Burlington County: 3.5 inches in Bordentown and 3 inches in Moorestown, in Camden County: 3.5 inches in Somerdale and 2 inches in Cherry Hill, in Gloucester County: 3.5 inches in Swedesboro and 3 inches in West Deptford, in Hunterdon County: 18 inches in Califon, 17.5 inches in Frenchtown, 16 inches in Kingwood and 11.8 inches in Whitehouse Station, in Mercer County: 6 inches in Princeton, 4.5 inches in Washington's Crossing and 4 inches in Yardville, in Middlesex County: 5 inches in New Brunswick, 4 inches in Milltown, in Monmouth County: 3.5 inches in Freehold and Middletown, in Morris County: 18 inches in Oak Ridge, 16 inches in Butler and Marcella, 14.5 inches in Rockaway and 10 inches in Parsippany, in Somerset County: 12 inches in Basking Ridge, 9 inches in Pottersville and Branchburg and 7 inches in Bridgewater, in Sussex County: 19 inches in Stillwater, 18.5 inches in Franklin, 18 inches in Branchville and Stockholm, 17 inches in Sparta and Newton and 16 inches in Vernon, in Warren County: 20 inches in Belvidere, 19 inches in Oxford, 18 inches in Washington, 17.5 inches in Hackettstown and 16.5 inches in Blairstown.

The low pressure system responsible for the heavy snow developed along a stationary front just east of Florida on the 4th. By the morning of the 5th, it moved north to near Elizabeth City, North Carolina. It then intensified rapidly (a drop of about 25 millibars during the next 24 hours) as it moved northeast and reached Nova Scotia during the morning of the 6th. The air mass over the region was marginally cold for snow, especially in central New Jersey. But, the precipitation intensity was so heavy (storm total water equivalents were around 1.5 inches), that the heat required to melt the snow aloft (called the latent heat of fusion) chilled the air mass and made the snow capable of reaching the ground. This type of snowstorm is typically called a "warm snowstorm" because the low pressure system itself manufactures the cold air needed to make the snow reach the ground. In a so-called standard snowstorm the air mass is cold enough at the start to support snow. Warm snowstorms are not only difficult to predict, but also because of the lack of cold air, usually produce heavy wet snow that easily can take down trees, tree limbs and power lines.

NJZ001

Sussex

09	0300EST	0	0	Freezing Rain
	1000EST			

Patchy light freezing rain preceding a warm front moved through Sussex County during the morning of the 9th. Water equivalents were on the light side, generally less than five hundredths of an inch. Nevertheless, untreated roadways became treacherous. Sussex County was on the southern edge of the precipitation shield and by mid morning, the freezing rain had ended and temperatures rose above the freezing mark.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
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NEW JERSEY, South and Northwest

NJZ001-007>010-012-014>017-019>026 **Sussex - Warren - Morris - Hunterdon - Somerset - Middlesex - Eastern Monmouth - Mercer - Salem - Gloucester - Burlington - Western Ocean - Cumberland - Western Atlantic - Western Cape May - Eastern Cape May - Eastern Atlantic - Eastern Ocean**

10	0600EST						Wind
	1000EST						

NJZ013-018 **Western Monmouth - Camden**

10	0600EST						High Wind (G50) ^M
	1000EST						

A strong cold front moved through New Jersey during the morning of the 10th. Strong gusty northwest winds accompanied and followed the cold frontal passage. High winds occurred in Camden and Monmouth Counties. Lesser wind gusts occurred elsewhere. Some large trees were uprooted in Haddonfield (Camden County). Otherwise, no damage was reported. Peak wind gusts included 58 mph in Keansburg (Monmouth County), 57 mph in Point Pleasant (Ocean County), 50 mph in Mountain Creek (Sussex County), 47 mph in Atlantic City (Atlantic County), 46 mph in Cape May (Cape May County), 43 mph at the Atlantic City International Airport, 41 mph in Somerville (Somerset County) and the McGuire AFB (Burlington County), 39 mph in Millville (Cumberland County) and 37 mph in Trenton (Mercer County).

NJZ009>010-015 **Hunterdon - Somerset - Mercer**

12	2100EST						Wintry Mix
	0100EST						

A weak low pressure system developed from an inverted trough off the south Atlantic Coast the morning of the 12th. As the low moved off the North Carolina coast during the evening of the 12th, moisture spilled north into New Jersey. A high pressure system nestled over New England left some relatively cold air near the surface. While it was warm enough aloft for precipitation to fall as rain, near the ground, temperatures were around or below the freezing mark. A few hours of light sleet and/or freezing rain occurred across Mercer, Hunterdon and Somerset Counties. Water equivalents were generally under five hundredths of an inch. Untreated roadways and walkways were hazardous. Elsewhere in the state, farther to the north the air mass was cold enough for precipitation to fall as flurries. Farther to the south, surface temperatures were above freezing and precipitation fell mainly as light rain and sleet.

NJZ001 **Sussex**

16	1100EST						Ice Storm
	2300EST						

A cold front moved through northern New Jersey on the 15th and stalled over the southern Middle Atlantic States. High pressure brought in some colder and drier air near the surface the night of the 15th and the morning of the 16th. A weak low pressure system developed on the front during the morning of the 16th over the Tennessee Valley. While it was warm enough aloft for precipitation to fall as rain, air temperatures remained below freezing over some of the higher terrain locations in Sussex County, particularly in the northwest part of the county. The low pressure system was too weak to bring in warmer air from the nearby Atlantic Ocean. Freezing rain and rain fell across Sussex County during the day and evening of the 16th. Ice accretions reached around one-quarter of an inch in some of the higher terrain locations in the county. Untreated roadways were treacherous.

NJZ013 **Western Monmouth**

17	1200EST						Wind
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For the second consecutive Saturday (this time the 17th), gusty northwest winds followed a cold frontal passage in Monmouth County. The winds were strong enough to snap a diseased 40 foot maple tree onto a home. No injuries were reported. Peak wind gusts included 47 mph at the Newark International Airport, 46 mph in Keansburg (Monmouth County) and 45 mph in Belmar (Monmouth County).

NJZ001-007>010-012>026 **Sussex - Warren - Morris - Hunterdon - Somerset - Middlesex - Western Monmouth - Eastern Monmouth - Mercer - Salem - Gloucester - Camden - Burlington - Western Ocean - Cumberland - Western Atlantic - Western Cape May - Eastern Cape May - Eastern Atlantic - Eastern Ocean**

22	1300EST						Heavy Snow
	0300EST						

A fast moving low pressure system brought heavy snow to New Jersey on the 22nd. It was the heaviest snowstorm of the season for the southeast part of the state. Accumulations averaged between 4 and 8 inches with much uniformity throughout the state. Snow began falling during the first half of the afternoon. Cold weather the previous two days made it easy for the snow to accumulate. Roads became slippery quickly. Six major accidents occurred within the first hour that the snow started. The worst multi-vehicle accidents occurred in the southern part of the state and involved two fatalities. In a similar situation to what occurred on the 5th of this month, schools and businesses closed early and created an early rush hour. Thousands of accidents occurred. The New Jersey State Police reported 854 accidents and responded to 1,091 calls for assistance alone. There were eleven hit and run accidents investigated. Middlesex County reported 450 accidents, Salem County reported 226 accidents. People again abandoned their cars when they became stuck. New Jersey transit reported 60 minute delays in the northern part of the state, 90 minute delays in the southern part of the state. Taxi cabs were ordered off the roads in central New Jersey because of hazardous driving conditions. Cell phone lines were clogged. Average commutes took as much as eight times longer than normal. The heaviest snow fell during the latter half of the afternoon and the first half of the evening. It ended shortly after midnight that night.

The southern half of the state had the most serious accidents of the day. The worst accident occurred in Gloucester County on the North-South Freeway (State Route 42) near the Clement's Bridge exit about 130 p.m. EST. Twenty vehicles were involved in separate accidents in about the same location. A 35-year-old man was killed after being thrown from his SUV and was struck by another vehicle.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
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NEW JERSEY, South and Northwest

Dozens of people were also injured and hundreds of motorists were stranded. The thoroughfare was closed until 7 p.m. EST. Farther to the south in Salem County, on Interstate 295, a 30-year-old man was killed around mile marker 3.5 when he left his truck to check on the driver of another vehicle that crashed into the rear of his rig. As he was talking to the other driver, he was struck and pinned by another vehicle that skidded out of control. One mile south of this fatal accident, a 14 vehicle chain reaction crashed occur. Farther to the north in Mount Laurel (Burlington County), another multi-vehicle accident caused two dozen injuries (one serious) and caused two hour delays on Interstate 295. In Atlantic City proper, 40 minor accidents occurred. In Ocean County, townships reported dozens of accidents during the first hour of snowfall. There were 50 accidents on the Garden State Parkway. People abandoned their vehicles because of the extensive delays. In Mercer County, U.S. Route 1 was closed in Lawrence Township. Elsewhere in the township, up to 20 vehicles slid into ditches. Slew of accidents was the adjective used by practically every township police department in the county.

The northern half of the state had its problems also, witnessed by the 450 reported accidents in Middlesex County. In New Brunswick, New Jersey State Route 18 was gridlocked because the plows could not get through. Five ramps into the city were closed because the plows were stuck in traffic. In Somerset and Middlesex Counties, Interstate 287 was closed briefly. Persons abandoned their vehicles. U.S. Route 202 in Somerset County was bumper to bumper its entire length. In Sussex County, County Route 517 was closed in Sparta because of an accident. Evening meetings were cancelled.

Specific accumulations included in Atlantic County: 8 inches in Pomona, 7.4 inches in Estell Manor, 6 inches in Absecon and 5.5 inches in Margate, in Burlington County: 6.8 inches in Wrightstown, 6.7 inches in Marlton, 6 inches in Tabernacle and 5.5 inches in Maple Shade, in Camden County: 7 inches in Mount Ephraim and Cherry Hill, 6.5 inches in Voorhees and 5 inches in Camden, in Cape May County: 7.9 inches in Cape May City, 7 inches in Dennis Township, 6 inches in North Wildwood and 5 inches in Ocean City, in Cumberland County: 6.3 inches in Millville and 5 inches in Seabrook, in Gloucester County: 7.3 inches in Williamstown, 6.9 inches in Glassboro and 5.5 inches in Verga; in Hunterdon County: 8.5 inches in Alexandria, 7.3 inches in Tewksbury, 7.2 inches in Wertsville, 7 inches in White House Station and 6 inches in Lambertville, in Mercer County: 6.5 inches in Hamilton Square, 6.4 inches in Princeton and 5.3 inches in Hightstown, in Middlesex County: 6.2 inches in New Brunswick and 5.5 inches in Metuchen, in Monmouth County: 7 inches in Manasquan, 6 inches in Howell and 4.5 inches in Freehold, in Morris County: 7.1 inches in Chatham, 6.6 inches in Marcella, 6.5 inches in Morristown and 6 inches in Rockaway, in Ocean County: 7 inches in South Toms River and Manahawkin, 6.5 inches in Brick and Plumstead and 6 inches in Harvey Cedars, in Somerset County: 7 inches in Hillsborough and Neshanic, 6.8 inches in Somerville and Bridgewater and 6 inches in Pottersville, in Sussex County: 6.5 inches in Wantage, 5.5 inches in Green Township and 5 inches in Lafayette, in Warren County: 8 inches in Washington, 7.8 inches in Belvidere and 7.5 inches in Stewartville and Hackettstown.

The low pressure system responsible for the heavy snow developed along the Red River Valley in the Southern Plains on Wednesday the 21st. By Thursday morning the 22nd, it was located over northern Alabama. It moved quickly offshore and by the morning of the 23rd, it was more than 300 miles east of the Delmarva Peninsula. The quick movement of the low pressure system prevented heavier snow from occurring. But it was compensated by a higher than normal snowfall to water equivalent ratio. In the so-called average snowstorm the ratio of snowfall to water equivalent is usually 10 to 1. For example, 10 inches of snow would melt down to about one inch of water (or rain). In this storm, partially because the air mass over the region was considerably colder than normal, the snowfall to water equivalent ratio was closer to 20 to 1.

NJZ001

Sussex

25	0200EST 1200EST	0	0	Winter Storm
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NJZ007>010

Warren - Morris - Hunterdon - Somerset

25	0300EST 0900EST	0	0	Wintry Mix
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A cold front moved through New Jersey on the 23rd. A large high pressure system build into the region that night and on the 24th. Meanwhile a rather intense low pressure system was located over the foothills of the Rockies on the morning of the 24th. It moved into the western Great Lakes the morning of the 25th as the high pressure system moved east to the Canadian Maritimes. While the low pressure system was intense, it was located too far west to quickly scour the cold air that was left across most of Northern New Jersey. Precipitation started as sleet and freezing rain. By 6 a.m. EST enough warm air had arrived for the precipitation to change to plain rain in Hunterdon and Somerset Counties with little ice accretion. It took until around 9 a.m. EST to scour the cold air from Warren and Morris Counties where up to one tenth of an inch of ice accrued. The cold air lasted the longest in Sussex County as freezing rain persisted in some of the colder spots until around Noon EST. SKYWARN Spotters reported significant (around three tenths of an inch) accretions of ice in Branchville, Hopatcong, Stockholm and Wantage. Lesser amounts accrued on roadways, but untreated roads and walks were extremely hazardous. Since this event occurred on a Sunday morning, the number of traffic accidents were less than would have occurred if this was a weekday morning.

NEW MEXICO, Central and North

NMZ016>017

Lincoln County High Plains/Hondo Valley - Capitan/Northern Sacramento Mountains

07	0600MST 1000MST	0	0	High Wind (G60) ^M
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An early morning period of high winds swept over the Sacramento Mountains and nearby communities of Ruidoso, Nogal, Capitan and Carrizozo as a strong upper level disturbance approached from the west..

NMZ001>002-

Northwest Plateau - Northwest Mountains Including Jemez - Sangre De Cristo Mountains - Northeast

004>005-007>008-014

Highlands - Far Northeast Plains - Westcentral Mountains - Southwest Mountains/Upper Gila Region

08	0200MST 1400MST	0	0	Winter Storm
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Storm Data and Unusual Weather Phenomena

February 2001

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

A strong upper level disturbance tracked northeast across west central and northern New Mexico producing heavy snow and gusty winds. Snow amounts were particularly heavy on southwest facing slopes with 8 inches reported in the Chuska Mountains north of Gallup, 6 to 12 in the Zuni Mountains, and 12 to 15 inches at Los Alamos and in the Jemez Mountains. Snows of 5 to 7 inches also spread across the far northeast plains of Colfax and Union counties where grazing lands remained snow covered for the 4th week. A herd of 20 antelope froze to death in Mora County near Ocate after becoming trapped in a fence corner by snow and gusty winds.

Curry County

Clovis	23	2140MST 2142MST			0 0		Hail (0.75)
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NMZ005>006-012 Northeast Highlands - Harding - Conchas Lake/Guadalupe

27	2200MST			0 0		Winter Storm
28	1200MST					

Heavy snow of 5 to 9 inches developed over the highlands of east central New Mexico and spread northeast into the adjacent areas of Guadalupe, San Miguel and Harding counties.

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 - Cortland - Chenango - Otsego - Tioga - 044>046-055>057 Broome - Delaware

02	1400EST			0 0		Heavy Snow
03	0500EST					

A strong arctic cold front moved east across the region on the afternoon of the second. The front brought with it snow squalls with thunder. Snow amounts were mostly 1 to 3 inches with the front. There were also some reports of 4 and 5 inches in northern Oneida County. This wet heavy snow fell in an hour or less, causing white out conditions. Many accidents occurred closing several of the interstates. When the snow started road surfaces where above freezing. Road surfaces cooled quickly creating ice.

Behind the front an arctic west wind caused lake effect snow across northern Onondaga, northern Madison, and Oneida Counties from around 6 PM on the second to around 5 AM on the third. A band of heavy lake effect snow started in northern Oneida County then moved south into southern Oneida, Onondaga, and Madison Counties between 9 and 11 PM. Heavy snow, at rates of around an inch per hour, combined with sustained winds over 20 mph to create blowing and drifting snow and white out conditions. Lake effect snowfall amounts in this area was an additional 4 to 6 inches.

NYZ056>057-062 Broome - Delaware - Sullivan

05	0500EST 2200EST			0 0		Heavy Snow
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A coastal storm off the middle Atlantic coast moved north while rapidly intensifying. The storm was off of Long Island, New York on the evening of the fifth. Snow moved north ahead of the storm starting by 6 AM. Snowfall rates went quickly to an inch per hour by noon. Snowfall rates were as high as 3 inches per hour closest to the storm in southeast Sullivan County. The snow ended during the evening as the storm moved further to the northeast. Snowfall amounts were 5 to 10 inches in Delaware and eastern Broome Counties and 10 to 20 inches in Sullivan County. The highest amounts were in southeast Sullivan County.

NYZ009-037 Northern Oneida - Southern Oneida

08	1000EST 2000EST			0 0		Heavy Snow
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A west to east aligned warm front moved slowly north across upstate New York on the eighth. Higher terrain and cooler temperatures, as well as added moisture from Lake Ontario increased snowfall amounts. Snow amounts were 5 to 12 inches. The warm front moved through Oneida County between 7 and 8 PM. This ended the steady snow leaving a mix of scattered light snow, freezing rain, and sleet. The highest snow amounts were in northern Oneida County.

NYZ009-016>018-037 Northern Oneida - Seneca - Southern Cayuga - Onondaga - Southern Oneida

10	0200EST 0430EST			0 0	150K	High Wind (G64) ^M
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Strong low pressure moved northeast across southern Ontario and southern Quebec provinces in Canada. The storm was dragging a strong arctic cold front to its south. High winds with the fast moving front knocked down numerous trees and power lines. Tens of thousands of electric customers were without power. ASOS measured winds at 64 mph (56 knots) at Hancock Airport in Syracuse at 253 AM and 58 mph (50 knots) at the Utica airport at 326 AM. Winds behind the front were measured at 74 mph (64 knots) by equipment at a television station in East Syracuse at 345 AM. After this second maximum, winds slowly subsided throughout the day as the low moved into eastern Canada.

Storm Data and Unusual Weather Phenomena

February 2001

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

NYZ062

Sullivan

16	0800EST				0	0	Ice Storm
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A low pressure system moved across the middle Atlantic region on the 16th. A southeast fetch brought moisture from the Atlantic Ocean into Sullivan County. This was further enhanced by the moisture being lifted as it moved into the southern Catskill Mountains. When freezing rain started temperatures were in the lower twenties. Temperatures slowly warmed throughout the day to around freezing during the evening. As the low moved off the middle Atlantic coast during the evening, precipitation ended. Water equivalents of the freezing rain were around half an inch.

NYZ009-015>018-022>025-036>037-044>046-055>057-062

Northern Oneida - Yates - Seneca - Southern Cayuga - Onondaga - Steuben - Schuyler - Chemung - Tompkins - Madison - Southern Oneida - Cortland - Chenango - Otsego - Tioga - Broome - Delaware - Sullivan

24	2300EST				0	0	Ice Storm
25	1300EST						

A strengthening low pressure system in the plains on the 24th moved into the western Great Lakes late that day. The storm moved into southern Ontario province in Canada on the 25th. Precipitation occurred ahead of the low and a warm front. The precipitation started as a period of light snow and sleet the evening of the 24th. The snow and sleet changed to freezing rain around midnight in the central southern tier and finger lakes. It changed over across the rest of the area by 3 AM. The freezing rain ended in the central southern tier and finger lakes by 9 AM. It then ended in the cities of Binghamton, Cortland, and Oneida around 10 AM. The rain finally ended from the western Catskills to the western Mohawk valley by 1 PM. Water equivalent amounts of the freezing rain were between a quarter and a half of an inch. Oneida County was the worst hit.

NYZ018

Onondaga

28	2200EST				0	0	Heavy Snow
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A cold arctic airmass moved in from the west late on February 28th. A band of lake effect snow moved into extreme northern Onondaga County late on the 28th then remained stationary well into March 1st. The band started over Lake Huron's Georgian Bay before gathering more moisture from Lake Ontario. Snowfall amounts ranged from almost two feet in Lysander in extreme northwest Onondaga County to 6 inches at the Syracuse International Airport in North Syracuse. Snowfall amounts dropped off quickly further east and south.

NEW YORK, Coastal

NYZ067>071-077>081

Orange - Putnam - Rockland - Northern Westchester - Southern Westchester - Nassau - Northwest Suffolk - Northeast Suffolk - Southwest Suffolk - Southeast Suffolk

05	1330EST				0	0	Heavy Snow
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On Monday February 5th, a developing low pressure system off the North Carolina coast moved northeast to a position off eastern Long Island by Monday evening. The storm then moved off the New England coast by early Tuesday. The storm spread a swath of rain and wet snow across southeast New York during early Monday. As the low rapidly intensified, colder air was entrained into the storm system. This changed the rain into heavy wet snow by early Monday afternoon across central and eastern Long Island. In addition, another band of heavy wet snow affected portions of the lower Hudson Valley through the afternoon hours. This second band of snow then moved east and produced additional snow across portions of the New York City area and Long Island into Monday evening, before the snow tapered off from west to east during Monday night.

Due to the rapid rate at which the snow fell, hazardous travel resulted across much of the New York City area and Long Island for the Monday evening commute.

Here are some specific snowfall totals for this snow event:

For Orange County: 12 inches at Walden and Newburgh, to 22 inches at Monroe.

For Putnam County: 9 inches at Carmel, to 12 inches at Putnam Valley.

For Rockland County: 8 inches at New City and Mount Ivy, to 14 inches at Suffern.

For Westchester County: 6.7 inches at New Rochelle, to 13 inches at Yorktown Heights.

Across the New York City area: 2 inches at John F. Kennedy International Airport, to 3.5 inches at Central Park, and 4.0 inches at Middle Village in Queens.

For Nassau County: 3 inches at Garden City, to 6 inches at Great Neck and Plainview.

For Suffolk County: 2 inches at Mattituck, to 8 inches at Calverton.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
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NEW YORK, Coastal

NYZ067-071>077

Orange - Southern Westchester - New York (Manhattan) - Bronx - Richmond (Staten Is.) - Kings (Brooklyn) - Queens - Nassau

22	2230EST				0	0	Heavy Snow
23	0000EST						

On Thursday February 22, a low pressure system over the southeast U. S. quickly moved northeast off the mid Atlantic coast by Thursday evening. Well north of this storm system, an overrunning pattern of mild, moist air over a pre-existing cold air mass allowed for a large area of moderate snow to develop and spread northeast into southeast New York during the afternoon hours. Although the event was relatively brief in duration, snowfall rates of one to two inches per hour were common. This created hazardous traveling conditions for the Thursday evening commute across the New York City metropolitan area and Long Island, resulting in numerous minor traffic accidents.

As the low pressure system continued moving out to sea, the snow tapered off from west to east during Thursday night.

Here are some specific snowfall amounts for this snow event:

For Orange County: 3 inches at Middletown, to 6.5 inches at Rock Tavern.

For Westchester County: 2.5 inches at Yorktown Heights, to 6 inches at Yonkers.

For New York County (Manhattan): 6 inches at Central Park.

For Queens County: 4 inches at John F. Kennedy International Airport, to 6 inches at Fresh Meadows.

For Nassau County: 3.9 inches at Hicksville, to 6 inches at West Hempstead.

NYZ067>068

Orange - Putnam

25	0830EST				0	0	Ice Storm
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With cold air in place at the surface, as warmer air moved northeast and gradually rose above this cold dome of air, snow developed around 4 am, changed to sleet around 5 am then freezing rain by 6 am. By 8:30 am, up to 1/4-inch of ice accumulated on roads, trees, and power lines. Freezing rain ended as temperatures rose above 32 degrees by around 11 am. Total ice accumulations ranged from 1/4 to 1/3-inch, which resulted in some power outages. In Middletown, a blown transformer on Wawayanda Avenue, near the Mount Carmel School, took out power in much of downtown. Several minor traffic accidents were reported along Route 17 in Orange County.

NEW YORK, East

NYZ040>041-043-047>054-058>061-063>066

Montgomery - Northern Saratoga - Washington - Schoharie - Western Schenectady - Eastern Schenectady - Southern Saratoga - Western Albany - Eastern Albany - Western Rensselaer - Eastern Rensselaer - Western Greene - Eastern Greene - Western Columbia - Eastern Columbia - Western Ulster - Eastern Ulster - Western Dutchess - Eastern Dutchess

05	1200EST				0	0	Winter Storm
06	0200EST						

Two areas of low pressure, one centered over the Ohio valley and the other in Florida, merged into one storm off the North Carolina coast by early February 5th. This potent storm further intensified as it moved up the eastern seaboard to become the season's second major nor'easter. The air was cold enough for most of the precipitation to fall as snow with this storm, though a little sleet did mix in across the Mid Hudson Valley. A swath of heavy snowfall, accumulating 7 inches or more, fell across much of eastern New York. A stripe of very heavy snow fell across portions of the Mid Hudson Valley and Taconic Hills. In these areas, snowfall rates exceeded 4 inches per hour during the height of the storm, which took place during the later afternoon hours. A foot or more of snow accumulated there by the time the storm ended later in the evening.

Specific reports included 8.1 inches of snowfall at the Albany International Airport, a new daily snowfall record for the 5th. The snow resulted in about 50 canceled flights. 7 inches of snow fell at Esperance in Schoharie county as well as Saratoga Springs in Saratoga county. 13.1 inches fell at Platte Clove, Greene county. In Dutchess county, Pawling reported 18.5 inches and Red Hook 13. Stephentown in Rensselaer county was buried with 20.3 inches.

The storm closed many schools and some businesses. There were many vehicular accidents, including a spectacular crash involving four tractor trailers, on the Adirondack Northway, between exit 22 and 23.

The following day, temperatures rose to above freezing which made the snow removal easier.

NYZ032>033-040-042>043-047-050-058>059

Northern Herkimer - Hamilton - Montgomery - Warren - Washington - Schoharie - Southern Saratoga - Western Greene - Eastern Greene

10	0400EST 1200EST				0	0	165K	High Wind (G63) ^M
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A strong cold front swept across eastern New York on the morning of February 10. A steep pressure gradient, between large high pressure over the midwest and a deepening low pressure trough moving off the eastern seaboard, produced winds strong enough to cause damage across portions of eastern New York. Trees were brought down in localized portions of northern Herkimer, western Greene, and

Storm Data and Unusual Weather Phenomena

February 2001

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

Warren Counties. In Hamilton county, many trees were brought down by the winds. One large tree fell on top of a house garage in Piseco, and a metal roof was partially peeled from the Speculator Village Hall.

Winds were clocked to 58 mph at Cobleskill, Schoharie county, 62 mph at Fort Edward, Washington county and 63 mph in Catskill, Greene county.

The winds temporarily knocked out power to an estimated 15,000 customers in eastern New York, an estimated 6,000 in Warren county alone.

NYZ032>033

Northern Herkimer - Hamilton

25	0800EST						Winter Storm
	1300EST						

A deep low pressure system tracked northward from the southern plains to the western Great Lakes on February 25. A strong southerly flow ahead of this system brought a deep layer of moisture to the western Adirondacks. Warm air was forced up over the cold air near the ground, which resulted in a potpourri of wintry precipitation. This fell in the form of snow, sleet and freezing rain across the western Adirondacks. The combination of the three produced a significant amount of wintry precipitation. 0.84 inches of melted liquid equivalent fell at the Stillwater reservoir in northern Herkimer County and 0.71 inches at Piseco, Hamilton county. The mix produce minor accumulations of snow, sleet and a glaze of ice. There were no problems reported to the National Weather Service as a result of this winter storm.

NEW YORK, North

NYZ027>028-030>031-034>035

Northern Franklin - Northeast Clinton - Southern Franklin - Southwest Clinton - Western Essex - Eastern Essex

05	2300EST					Light Snow
06	0245EST					

A storm system developed off the coast of Virginia early Monday, February 5, 2001 and moved northeast. It moved across extreme southeast coastal New England late Monday night and into the Gulf of Maine early Tuesday, February 6th. Steady snow spread across the area during the afternoon and evening hours of Monday February 5th with the heavier snow later at night before it tapered off to flurries early Tuesday, February 6th. Across the counties, generally 3 to 5 inches of snow fell with a few higher amounts in the Adirondack Mountains.

NYZ026>028

Northern St. Lawrence - Northern Franklin - Northeast Clinton

09	0100EST					Mixed Precipitation
	1500EST					

A storm system moved from the Great Lakes region Friday, February 9th and into Canada Friday night. Mixed precipitation spread across the area with generally less than 2 inches of snow. Roads became slippery with freezing rain continuing into the afternoon, especially along the New York and Canadian border regions.

NYZ030

Southern Franklin

10	0425EST					High Wind
	0800EST					

A strong storm system moved across the Canadian Province of Quebec Friday night, February 9th and Saturday, February 10th. The associated cold front was accompanied and followed by very windy conditions. In the town of Tupper Lake, trees and power lines were blown down at 425 AM Saturday with power outages and in Saranac Lake at 430 AM Saturday.

NYZ034

Western Essex

10	0430EST					High Wind
	0730EST					

A strong storm system moved across the Canadian Province of Quebec Friday night, February 9th and Saturday, February 10th. The associated cold front was accompanied and followed by very windy conditions. In the towns of Raybrook and Lake Placid, trees and power poles were blown down around 430 AM and in the town of Newcomb around 710 AM.

NYZ027

Northern Franklin

10	0500EST					High Wind
	0700EST					

A strong storm system moved across the Canadian Province of Quebec Friday night, February 9th and Saturday, February 10th. The associated cold front was accompanied and followed by very windy conditions. In the town of South Bombay, trees were blown down around 5 AM.

NYZ035

Eastern Essex

10	0530EST					High Wind
	0930EST					

A strong storm system moved across the Canadian Province of Quebec Friday night, February 9th and Saturday, February 10th. The associated cold front was accompanied and followed by very windy conditions. In the town of Bloomingdale, trees and power lines were blown down around 530 AM while in Ticonderoga, trees were blown down around 9 AM.

NYZ028

Northeast Clinton

10	0628EST					High Wind (G61) ^M
	0800EST					

A strong storm system moved across the Canadian Province of Quebec Friday night, February 9th and Saturday, February 10th. The associated cold front was accompanied and followed by very windy conditions. In the town of Peru, winds were measured at 70 mph (61 knots) at 628 AM on Saturday morning. In addition, a few trees were damaged in Peru, NY

Storm Data and Unusual Weather Phenomena

February 2001

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

NYZ031

Southwest Clinton

10	0800EST 0930EST				0 0	1K	High Wind (G50) ^M
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A strong storm system moved across the Canadian Province of Quebec Friday night, February 9th and Saturday, February 10th. The associated cold front was accompanied and followed by very windy conditions. In the town of Saranac, the wind was measured at 57 mph (50 knots) around 9 AM.

NYZ026>031-034>035 Northern St. Lawrence - Northern Franklin - Northeast Clinton - Southern St. Lawrence - Southern Franklin - Southwest Clinton - Western Essex - Eastern Essex

25	0400EST 1300EST				0 0	40K	Mixed Precipitation
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A storm system moved from the northern Great Lakes into and across southern Canada during Sunday, February 25th. Snow spread across the area during the early morning then mixed with and changed to sleet, freezing rain and just plain rain. Roads did become icy after between 1 and 3 inches of snow generally fell...with a few higher amounts.

NEW YORK, West

Erie County

West Seneca

09	1600EST 2030EST				0 0	50K	Flash Flood
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Erie County

Buffalo

09 10	2100EST 1300EST				0 0	25K	Flash Flood
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Rain combined with warm temperatures to produce ice jam flooding along Cazenovia Creek in West Seneca and Buffalo. The initial jam formed in the Parkside Drive/Willowdale Drive area of West Seneca. After several hours, the ice broke loose only to jam further downstream near Cazenovia Park in South Buffalo. Several homes had to be evacuated in West Seneca. The flood waters overflowed streets in both West Seneca and South Buffalo.

NYZ001>008-

010>012-014-019>020

Niagara - Orleans - Monroe - Wayne - Northern Cayuga - Oswego - Jefferson - Lewis - Erie - Genesee - Wyoming - Ontario - Chautauqua - Cattaraugus

10	0014EST 0345EST				0 0	2.9M	High Wind (G66) ^M
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Deep low pressure over the western Great Lakes moved across Ontario to Quebec and dragged a cold front across the area. Sustained winds of 20 to 30 mph were reported across the area with gusts up to 76 mph recorded. The strong winds downed trees and utility lines throughout the fourteen county area. Several hundred thousand customers were without power. Roads were blocked by downed trees. There were numerous reports of property damage from the winds, mostly from trees falling on buildings and cars. Specifically, this was reported from Carthage, Jefferson county, Geneva, Ontario county, Pittsford and Honeoye Falls, Monroe county, Perry, Wyoming county, Newark, Wayne county and Salamanca, Cattaraugus county. Four 40' high masonry walls of a school pool and gymnasium under construction in Macedon, Wayne county, were toppled by the wind. Large plate glass windows were blown out in the Grant Building in Jamestown, Chautauqua county. A barn was blown down in Gorham, Ontario county. In Fairport, Monroe county, a winter carnival had to be cancelled because the high winds tore apart a large tent erected for the carnival. In Martinsburg, Lewis county, the high winds toppled a barn, killing nearly fifty head of cattle inside. Specific measured wind gusts were: 76 mph in Oswego, Oswego county, 74 mph in Sodus, Wayne county, 71 mph in Rochester, Monroe county, 66 mph in Forestville, Chautauqua county, 64 mph in Randolph, Chautauqua county, 65 mph in West Seneca, Erie county, 62 mph in Sherman, Chautauqua county, 61 mph in Alexander, Genesee county, 59 mph in Weedsport, Cayuga county, and 58 mph in Niagara Falls, Niagara county and Albion, Orleans county.

NYZ001-003-010>012-019>020 Niagara - Monroe - Erie - Genesee - Wyoming - Chautauqua - Cattaraugus

25 26	1600EST 0300EST				0 0	600K	High Wind (G53) ^M
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Deep low pressure over the northern Great Lakes moved northeast to Quebec and pulled a strong cold front across the area. The strong winds that accompanied the system downed trees and power lines. Sustained winds of 46 mph were recorded at the Buffalo Airport and sustained 51 mph winds were reported at the Rochester Airport. Specific wind gusts reported were: 63 mph at Buffalo, Erie county; 58 mph at the Niagara Coast Guard, Youngstown, Niagara county; and 61 mph at Elma, Erie county.

NORTH CAROLINA, Central

NCZ021>022-038

Forsyth - Guilford - Davidson

12	0430EST				0 0		Winter Storm
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A mixture of snow, sleet, and freezing rain fell in the early morning hours of February 12. The precipitation began as snow, then changed to sleet a few hours later. Around sunrise, the precipitation fell as freezing rain before ending late in the morning. The snow accumulated to around an inch in some locations with an additional quarter inch of ice accumulation in the Northwest Piedmont. The frozen precipitation made roads slick, which led to several accidents.

NORTH CAROLINA, Central Coastal

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
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NORTH CAROLINA, Extreme Southwest

NONE REPORTED.

NORTH CAROLINA, North Coastal

NONE REPORTED.

NORTH CAROLINA, Northwest and North Central

NCZ003

Surry

05

0500EST

0

0

Black Ice

0730EST

Numerous accidents were reported in Surry County during the morning of the 5th as black ice covered many roads.

NORTH CAROLINA, South Coastal

NONE REPORTED.

NORTH CAROLINA, Southwest

NCZ033>037-

Avery - Caldwell - Alexander - Iredell - Davie - Madison - Yancey - Mitchell - Swain - Haywood - Buncombe

048>059-062>072-082

- Mcdowell - Burke - Catawba - Rowan - Graham - Northern Jackson - Macon - Southern Jackson -

Transylvania - Henderson - Polk - Rutherford - Cleveland - Lincoln - Gaston - Mecklenburg - Cabarrus -

Union

01

0000EST

0

0

Drought

28 2359EST

The long term drought's impact became more severe, even during the winter, as water levels in lakes dropped and stream flow on rivers reached the lowest in memory. More and more communities began water restrictions and started preparing for a busy fire weather season.

NCZ064>066-072

Transylvania - Henderson - Polk - Cabarrus

16

2200EST

0

0

High Wind (G55)

17 0600EST

A strong cold front crossed the region on the 16th, accompanied by gusty winds. Persistent high gradient winds following the frontal passage resulted in downed trees and power lines. Some of the resulting power outages were long-lived, and there was even some structural damage reported.

NCZ033-050-054>055

Avery - Mitchell - Mcdowell - Burke

22

0300EST

0

0

Heavy Snow

0700EST

NCZ034>037-

Caldwell - Alexander - Iredell - Davie - Madison - Yancey - Buncombe - Burke - Catawba - Rowan -

048>049-053-

Henderson - Rutherford - Cleveland - Lincoln

055>057-065-067>069

22

0300EST

0

0

Snow/Sleet

1500EST

Cold, dry air plunged south over western North Carolina following the passage of a cold front the day before. Moisture return began almost immediately thereafter, ahead of an advancing storm system from the Gulf Coast region, and as an upper level disturbance approached the area, precipitation became widespread. Air was cold enough in the mountains to support mostly snow, while in the foothills and piedmont, the dry air in the lower levels of the atmosphere created ideal conditions for a sleet/snow mixture. In the mountains, thundersnow occurred.

Snow accumulations ranged from 4 to 6 inches in a narrow swath from Newland to Bakersville, to Mount Mitchell, and southward to the high elevation foothill towns of Little Switzerland and Jonas Ridge. Elsewhere, accumulations ranged from 1 to 3 inches of snow and sleet, although as mentioned previously, snow was the predominant precipitation type across the higher terrain, with numerous traffic accidents reported. In the lower elevation foothill and piedmont, sleet was predominant, although most locations that received any wintry precipitation at all reported a sleet/snow mixture. Salisbury, Hickory and Mocksville each reported around an inch of sleet, and numerous icy roads, in addition to a light blanket of snow. This made for a horrific morning rush hour, with numerous accidents and school closures. The wintry precipitation tapered off from the west during the day.

NORTH DAKOTA, Central and West

NONE REPORTED.

NORTH DAKOTA, East

NDZ027-029>030-

Grand Forks - Steele - Traill - Barnes - Cass - Ransom - Sargent - Richland

038>039-049-052>053

23

1800CST

0

0

Winter Storm

24 2307CST

A Colorado Low moved from eastern Nebraska into southeast Minnesota, bringing two periods of snow to eastern North Dakota. The first band of snow moved across the area the evening of the 23rd, starting out as freezing drizzle in southeast North Dakota. A widespread swath

Storm Data and Unusual Weather Phenomena

February 2001

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

of 1 to 3 inches of snow fell with the first snow band. More snow fell on the 24th, and wind speeds also increased. Five to nine inches of snow was common across this area.

NDZ027-029>030-038>039-049-052>053 **Grand Forks - Steele - Trail - Barnes - Cass - Ransom - Sargent - Richland**

24	2308CST				0	0	
25	1147CST						Blizzard

As the low pressure system pulled east of the area, strong north winds funneled down the Red River Valley. Whiteout conditions developed, especially along and south of Interstate 94. As a result, Interstate 29 was closed from the South Dakota border to Grandin and Interstate 94 was closed from Buffalo to the Minnesota border. The strongest wind speeds occurred on the morning of the 25th, with the Grand Forks ASOS reporting a gust to 38 mph and the Fargo ASOS reporting a gust to 44 mph.

OHIO, East

OHZ039>040-048>050-057>059-068>069 **Tuscarawas - Carroll - Coshocton - Harrison - Jefferson - Muskingum - Guernsey - Belmont - Noble - Monroe**

25	0900EST 1900EST				0	0	50K	High Wind
----	--------------------	--	--	--	---	---	-----	------------------

An intense area of low pressure passing over the region brought a prolonged period of high winds to east central Ohio. Wind gusts estimated to around 60 MPH continued from late morning into the early evening hours, downing numerous trees, large limbs and power lines across the entire area.

OHIO, North

OHZ009

Erie

01	0500EST 1100EST				0	0	0	Flood
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An ice jam developed on the Vermilion River approximately one half mile from the mouth of the river near Mill Hollow. The river crested just above flood stage, but caused no damage.

OHZ012>014

Lake - Geauga - Ashtabula

02	1600EST				0	0	60K	Heavy Snow
03	0300EST							

Lake effect snow showers developed after a cold frontal passage. The heaviest snow fell during the evening hours. Around 6 inches of snow fell in Lake County with just over 7 inches in Geauga County and 10 inches in southeast Ashtabula County.

OHZ003-006>014-017>023-027>031-033-038-047 **Lucas - Wood - Ottawa - Sandusky - Erie - Lorain - Cuyahoga - Lake - Geauga - Ashtabula - Hancock - Seneca - Huron - Medina - Summit - Portage - Trumbull - Wyandot - Crawford - Richland - Ashland - Wayne - Mahoning - Holmes - Knox**

09	2000EST				0	0	320K	High Wind
10	0200EST							

A strong cold front moved across northern Ohio during the evening hours. Damaging westerly winds occurred behind the front for a period of several hours. A 63 mph wind gust was recorded in Lucas County around 9 pm with a 61 mph gust measured in Ottawa County shortly after. A 71 mph gust was recorded at Garfield Heights in Cuyahoga County at 1050 pm with a 60 mph gust in downtown Cleveland. Several hundred trees were downed throughout northern Ohio. Power poles were reported downed in Wood and Huron Counties. The strong winds also blew a semi truck over near Cygnet in Hancock County. Also, a portion of a roof was torn off of a house in Stark County near Canton.

OHZ003-006>007-009>014-017>019-021-023-027>029-031>033-036>038 **Lucas - Wood - Ottawa - Erie - Lorain - Cuyahoga - Lake - Geauga - Ashtabula - Hancock - Seneca - Huron - Summit - Trumbull - Wyandot - Crawford - Richland - Wayne - Stark - Mahoning - Marion - Morrow - Holmes**

25	0700EST 1800EST				0	0	460K	High Wind
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An area of very strong low pressure moved across the Great Lakes during the day and caused damaging southwest to west winds in northern Ohio. A 58 mph wind gust was measured in Stark County shortly before noon. Dozens of trees were knocked down across the area with most of the damage occurring during the middle part of the day. A small barn was blown down in Richland County and a house in Crawford County had a wall damaged. A cinder block wall at a construction site in Huron County was toppled and several homes lost siding in Summit County. A building in Geauga County suffered major roof damage with several other structures in northern Ohio sustaining minor roof damage. A few power poles and road signs were also blown down.

OHIO, Northwest

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>OHIO, Southeast</u>							
OHZ066>067- 075>076-083>087			Perry - Morgan - Athens - Washington - Jackson - Vinton - Meigs - Gallia - Lawrence				
	09	1100EST 1730EST			0 0		Record Warmth
	Afternoon temperatures reached the upper 60s to lower 70s. Gallipolis saw 72 degrees. Jackson and Marietta both registered 69 degrees.						
OHZ066>067- 075>076-083>087			Perry - Morgan - Athens - Washington - Jackson - Vinton - Meigs - Gallia - Lawrence				
	09 10	1900EST 0400EST			0 0		Wind
	A strong cold frontal passage caused wind gusts of 35 to 45 mph.						
OHZ066>067- 075>076-083>087			Perry - Morgan - Athens - Washington - Jackson - Vinton - Meigs - Gallia - Lawrence				
	25	1000EST 2000EST			0 0		Wind
	Wind gusts of 35 to 45 mph were common.						
<u>OHIO, Southwest</u>							
OHZ077			Hamilton				
	09	1850EST			0 0		High Wind (G50) ^M
	A line of showers ahead of a strong cold front produced a wind gust to 58 mph at Lunken Municipal Airport.						
<u>OKLAHOMA, Eastern</u>							
OKZ066			Okmulgee				
	01	0000CST 0900CST			0 0		Flood
	The Deep Fork River near Beggs rose above its flood stage of 18 feet during the afternoon hours on January 31. The river crested at 18.2 feet during the predawn hours on February 1 before falling below the flood stage shortly after sunrise on February 1.						
OKZ066			Okmulgee				
	02 04	0400CST 0500CST			0 0		Flood
	The Deep Fork River near Beggs rose above its flood stage of 18 feet during the afternoon hours on February 2. The river crested at 18.8 feet during the predawn hours on February 3 before falling below the flood stage during the predawn hours on February 4.						
Okfuskee County			3 E Okemah				
	09	0155CST			0 0		Thunderstorm Wind (G50) ^M
Okfuskee County			Okemah				
	09	0205CST			0 0		Thunderstorm Wind (G52)
Okmulgee County			8 W Okmulgee				
	09	0210CST			0 0	0.50K	Thunderstorm Wind
	Thunderstorm winds blew several mature trees down onto a road near Okmulgee State Park.						
Okmulgee County			2 W Bald Hill				
	09	0235CST			0 0	0.10K	Thunderstorm Wind (G52)
	60 mile an hour thunderstorm winds blew a fence down.						
Tulsa County			Leonard				
	09	0240CST			0 0		Thunderstorm Wind (G57)
Muskogee County			5 W Muskogee				
	09	0300CST			0 0	50K	Thunderstorm Wind
	Thunderstorm winds destroyed some transmission towers.						
Wagoner County			7 SE Wagoner				
	09	0300CST			0 0	2.5K	Thunderstorm Wind
	Thunderstorm winds blew a few trees down and did some roof damage to buildings in Sequoyah State Park.						
Choctaw County			9 N Boswell				
	09	0314CST			0 0		Thunderstorm Wind (G52)
Muskogee County			5 S Muskogee				
	09	0315CST			0 0	10K	Thunderstorm Wind
	Thunderstorm winds destroyed a barn.						

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
OKLAHOMA, Eastern							
Mayes County							
Locust Grove	09	0320CST			0 0		Hail (1.00)
Pittsburg County							
9 SE Pittsburg	09	0320CST			0 0		Thunderstorm Wind (G52)
Pushmataha County							
1 E Jumbo	09	0320CST			0 0	1K	Thunderstorm Wind
Thunderstorm winds blew down large tree limbs and also blew a metal roof off a shed.							
Delaware County							
1 S Grove to Grove	09	0330CST			0 0		Thunderstorm Wind (G52)
Delaware County							
Jay	09	0330CST			0 0	10K	Thunderstorm Wind
Thunderstorm winds blew the roof off a mobile home.							
Latimer County							
Wilburton	09	0340CST			0 0	0.10K	Thunderstorm Wind
Thunderstorm winds blew down a large sign.							
Cherokee County							
Tahlequah	09	0345CST			0 0		Thunderstorm Wind (G52)
Delaware County							
Grove	09	0345CST			0 0	0.10K	Thunderstorm Wind
Thunderstorm winds blew down several large tree limbs.							
Pushmataha County							
Clayton	09	0400CST			0 0	0.10K	Thunderstorm Wind
Thunderstorm winds blew down large tree limbs.							
Adair County							
Stilwell	09	0415CST			0 0	0.50K	Thunderstorm Wind
Ozark Electric Company reported several large trees down causing power outages.							
OKZ076							
Le Flore							
15		1600CST			0 0		Flood
25		2200CST					
The Poteau River near Panama rose above its flood stage of 29 feet during the afternoon hours on February 15. The river crested at 37.9 feet during the early morning hours on February 17 before falling below the flood stage during the morning hours on February 19.							
Craig County							
8 SE Vinita	21	1555CST			0 0		Hail (0.75)
Dime size hail fell in Ketchum.							
Mayes County							
Langley	21	1610CST			0 0		Hail (0.75)
Delaware County							
Dennis	21	1615CST			0 0		Hail (1.75)
Delaware County							
5 W Grove	21	1617CST			0 0		Hail (0.75)
Dime size hail fell at Shangri La.							
OKZ064							
Creek							
24		0500CST			0 0		Flood
25		0800CST					
The Polecat Creek near Sapulpa rose above its flood stage of 21 feet during the predawn hours on February 24. The creek crested at 23.6 feet during the evening hours on February 24 before falling below the flood stage on the morning of February 25.							
OKZ069							
Adair							
24		0600CST			0 0		Flood
25		1400CST					
The Illinois river near Watts rose above its flood stage of 13 feet during the morning of February 24. The river crested at 19.1 feet on the evening of February 24 before falling below its flood stage during the afternoon on February 25.							
Washington County							
Bartlesville	24	1027CST			0 0		Thunderstorm Wind (G52)
Creek County							
Mannford	24	1035CST			0 0		Hail (0.88)

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>OKLAHOMA, Eastern</u>							
Creek County							
Sapulpa	24	1046CST			0 0		Hail (0.88)
Tulsa County							
Bixby	24	1059CST			0 0		Hail (0.88)
Pittsburg County							
1 N Arpelar	24	1100CST			0 0	2K	Thunderstorm Wind
Thunderstorm winds did damage to the roof of a house and a roof of a barn.							
Tulsa County							
Owasso	24	1112CST			0 0		Hail (0.75)
Muskogee County							
Muskogee	24	1119CST			0 0	0.50K	Thunderstorm Wind
Thunderstorm winds blew down power lines.							
Wagoner County							
Okay	24	1120CST			0 0		Hail (0.75)
Wagoner County							
Okay	24	1120CST			0 0	0.50K	Thunderstorm Wind
Thunderstorm winds blew down power lines.							
Mcintosh County							
Stidham	24	1127CST			0 0		Hail (0.75)
Mcintosh County							
1 W Checotah	24	1140CST			0 0	1K	Thunderstorm Wind
Thunderstorm winds blew down trees and power lines 1 mile west of the intersection of Interstate 40 and Highway 69.							
Muskogee County							
Muskogee	24	1140CST			0 0		Hail (0.75)
Cherokee County							
Hulbert	24	1155CST			0 0	0.10K	Thunderstorm Wind
Thunderstorm winds blew down several large tree limbs.							
Pushmataha County							
6 SW Antlers	24	1155CST			0 0		Hail (0.75)
Pushmataha County							
6 SW Antlers	24	1155CST			0 0	10K	Thunderstorm Wind
Thunderstorm winds destroyed seven outbuildings.							
Pushmataha County							
Ethel	24	1205CST			0 0		Hail (0.75)
Pushmataha County							
Ethel	24	1205CST			0 0	10K	Thunderstorm Wind
Thunderstorm winds damaged one home and two framed outbuildings. There was also extensive tree damage.							
Sequoyah County							
3 W Vian	24	1230CST			0 0	1K	Thunderstorm Wind
Thunderstorm winds blew down power lines and signs.							
Pushmataha County							
4 SE Clayton	24	1232CST			0 0		Hail (1.00)
Cherokee County							
4 SW Cookson	24	1235CST			0 0	0.10K	Thunderstorm Wind
Thunderstorm winds blew down trees.							
OKZ058							
Ottawa							
	24	1300CST			0 0		Flood
	27	2200CST					
The Neosho River near Commerce rose above its flood stage of 15 feet during the early afternoon of February 24. The river crested at 18.5 feet on the morning of February 26 before falling below its flood stage during the evening hours on February 27.							
OKZ068							
Cherokee							
	24	1700CST			0 0		Flood
	25	1400CST					
The Illinois river near Tahlequah rose above its flood stage of 11 feet during the early evening hours on February 24. The river crested at 15.6 feet during the early afternoon hours on February 25 before falling below its flood stage during the early afternoon on February 26.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>OKLAHOMA, Eastern</u>							
OKZ058	Ottawa						
	24	2000CST			0	0	Flood
	26	0600CST					
	The Spring River near Quapaw OK rose above its flood stage of 20 feet during the morning of February 24. The river crested at 20.9 feet on the morning of February 25 before falling below its flood stage during the predawn hours on February 26.						
OKZ066	Okmulgee						
	25	0400CST			0	0	Flood
	28	2359CST					
	The Deep Fork River near Beggs rose above its flood stage of 18 feet during the predawn hours on February 25. The river crested at 21.3 feet on the evening of February 28 before falling below the flood stage on the first day of March.						
<u>OKLAHOMA, Extreme Southeast</u>							
Mccurtain County							
Eagletown	24	1355CST			0	0	Hail (0.75)
<u>OKLAHOMA, Panhandle</u>							
Beaver County							
5 E Elmwood	23	2040CST			0	0	Hail (0.75)
Beaver County							
10 E Beaver	23	2058CST			0	0	Hail (0.75)
Beaver County							
8 SE Beaver	23	2110CST			0	0	Hail (0.75)
	An isolated severe thunderstorm developed during the early evening hours across the eastern Oklahoma panhandle producing hail.						
<u>OKLAHOMA, Western, Central and Southeast</u>							
Comanche County							
Meers	08	2320CST			0	0	Hail (1.00)
Tillman County							
Frederick	08	2320CST			0	0	2K
	Power poles were downed.						
Comanche County							
3 W Medicine Park	08	2330CST 2345CST			0	0	Thunderstorm Wind (G59) ^M
	Wind speeds between 58 mph and 68 mph were measured by Oklahoma mesonet.						
Tillman County							
3 W Grandfield	08	2330CST			0	0	Thunderstorm Wind (G58) ^M
	Wind gust was measured by Oklahoma mesonet.						
Tillman County							
Grandfield	08	2339CST			0	0	Thunderstorm Wind (G56)
Comanche County							
Lawton	08	2342CST			0	0	Thunderstorm Wind (G52)
Comanche County							
10 E Lawton	08	2358CST			0	0	Thunderstorm Wind (G65)
Cotton County							
1 NW Walters	09	0000CST			0	0	5K
	Wind gust was measured by Oklahoma mesonet. Numerous power poles were also downed across the area.						
Stephens County							
6 NW Marlow	09	0015CST			0	0	0.50K
	A barn and trees were blown down.						
Stephens County							
10 E Duncan	09	0040CST			0	0	Thunderstorm Wind (G56) ^M
	Wind gust was measured by Oklahoma mesonet.						
Garvin County							
Pauls Valley	09	0115CST			0	0	125K
	Six apartment buildings sustained major roof damage at Arrowhead Apartments on the southwest side of Pauls Valley.						
Pottawatomie County							
Maud	09	0134CST			0	0	100K
	Twenty outbuildings and 4 barns received minor damage, while the walls of one home were heavily damaged. A tractor-trailer was also blown over.						

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
OKLAHOMA, Western, Central and Southeast							
Carter County							
Lone Grove	09	0143CST			0 0	2K	Thunderstorm Wind
A roof was damaged.							
Carter County							
Ardmore	09	0148CST			0 0	2K	Thunderstorm Wind
A roof was damaged.							
Pontotoc County							
2 NW Ada	09	0215CST			0 0	10K	Thunderstorm Wind
A mobile home was blown off its foundation. Outbuildings were blown over, and a large tree fell across a road.							
Marshall County							
5 E Kingston	09	0230CST			1 0	10M	Thunderstorm Wind
Eight boathouses were sunk, and forty boats were damaged at Catfish Bay Marina on Lake Texoma. Nearly one-third of a 300 boat-slip and several nearby cabins were also heavily damaged. One man was killed when the boat he was on capsized and sank. M51BO							
Bryan County							
Colbert	09	0245CST			0 0	65K	Thunderstorm Wind
Four mobile homes and nine barns were destroyed by high winds.							
Bryan County							
Calera	09	0255CST			0 0	10K	Thunderstorm Wind
Four barns were destroyed, and siding was blown off a mobile home.							
Bryan County							
Durant	09	0300CST			0 1	5K	Thunderstorm Wind
A tractor-trailer overturned on Highway 70, on the east end of the Roosevelt bridge. The driver was injured and taken to a local hospital.							
Atoka County							
Atoka	09	0310CST			0 0		Hail (0.88)
Atoka County							
Atoka	09	0310CST			0 0	2.5K	Thunderstorm Wind
Several trees and power lines were downed.							
Severe thunderstorms developed across southern Oklahoma during the late evening of the 8th and overnight hours of the 9th, resulting in areas of significant wind damage. The worst damage occurred on the western shore of Lake Texoma in Marshall County, where 8 boathouses were sunk and forty boats were damaged. One man was also killed when his boat capsized and sank.							
OKZ023>032-037>047	Caddo - Canadian - Oklahoma - Lincoln - Grady - McClain - Cleveland - Pottawatomie - Seminole - Hughes - Tillman - Comanche - Stephens - Garvin - Murray - Pontotoc - Coal - Cotton - Jefferson - Carter - Johnston						
	14	2100CST			0 0		Freezing Rain
	16	0900CST					
Periods of freezing rain fell across much of southern and southwest Oklahoma from late evening of the 14th through mid morning of the 16th, with many areas receiving one to two tenths of an inch of ice. Numerous accidents resulted, especially on bridges and overpasses, including a 30-car pileup near the intersection of Interstate 40 and Interstate 44 in Oklahoma County during the late evening of the 14th, resulting in 2 fatalities. Numerous other accidents resulted in 3 additional fatalities across the area before the freezing rain ended.							
Greer County							
Mangum	24	0256CST			0 0		Hail (0.88)
Lincoln County							
Chandler	24	0922CST			0 0		Hail (0.75)
Lincoln County							
Stroud	24	0944CST			0 0	0.50K	Thunderstorm Wind
Power lines were downed.							
Carter County							
Lone Grove	24	0950CST			0 0	25K	Thunderstorm Wind
A large section of roof was blown off a building, causing the walls to collapse.							
Seminole County							
Little	24	0958CST			0 0	2.5K	Thunderstorm Wind
A barn was destroyed, and power lines were downed.							
Love County							
Marietta	24	1015CST			0 0		Hail (1.00)
Marshall County							
9 SW Oakland	24	1020CST			0 0		Thunderstorm Wind (G59) ^M
Wind gust was measured by Oklahoma mesonet.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
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OKLAHOMA, Western, Central and Southeast

Johnston County

5 S Mill Creek 24 1025CST 0 0 Hail (0.75)

Bryan County

10 E Durant 24 1057CST 0 0 Hail (0.88)

Bryan County

Durant 24 1102CST 0 0 Thunderstorm Wind (G52)

OKZ010-015

Woodward - Dewey

24 1645CST 0 0 High Wind (G53) ^M
1650CST

Wind gust was measured by the Oklahoma mesonet 6 miles southeast of Mutual.

OKZ021>023-

025>043-045>048-

050>052

Beckham - Washita - Caddo - Oklahoma - Lincoln - Grady - McClain - Cleveland - Pottawatomie - Seminole - Hughes - Harmon - Greer - Kiowa - Jackson - Tillman - Comanche - Stephens - Garvin - Murray - Pontotoc - Coal - Jefferson - Carter - Johnston - Atoka - Love - Marshall - Bryan

24 1700CST 0 0 20K Blowing Dust
2000CST

Severe thunderstorms developed across portions of central and southern Oklahoma during the morning of the 24th and was followed by a period of blowing dust during the late afternoon and early evening. The dust originated from eastern New Mexico and southwest Texas and was accompanied by wind gusts up to 50 mph. Visibilities were occasionally reduced to less than 3 miles. The high winds caused 5 stories of exterior paneling to blow off the west side of the Marriot hotel on Northwest Expressway in Oklahoma City at approximately 1700 CST.

OREGON, Central and East

ORZ043

Central Oregon

22 1600PST 0 0 35K Heavy Snow
2200PST

Snow amounts ranging from 6 to 9 inches fell in a 6 hour period in southern Deschutes County. Spotters in Bend reported 6 1/2 inches total accumulation, which made this the heaviest snow of the season. At times, the snow fell at a rate of 1 1/2 inches an hour. The heavy wet snow also brought isolated power outages during the evening. 600 customers of the Pacific Power Company in Bend lost power for around an hour between 8 and 9 pm. A minor accident closed Highway 97 near Lava Butte briefly. In addition, a jackknifed truck just southeast of Sisters closed Highway 20 for an hour during the early evening. Nearby, 9 miles west of La Pine, 9 inches of snow fell in 5 hours.

OREGON, Northwest

ORZ001>002

Northern Oregon Coast - Central Oregon Coast

01 0300PST 0 0 High Wind (G51) ^M
03 2100PST

A Pacific storm brought high winds and heavy swell to the North and Central Oregon Coastal areas. On the North Oregon Coast, Netarts reported wind gusts to 59 mph, Cannon Beach gusts to 58 mph, Tillamook gusts to 52 mph and Garibaldi gusts to 43 mph. Buoy 29, at the mouth of the Columbia River on the North Oregon Coast, reported sustained winds to 43 mph with gusts to 56 mph and swell to 23 feet. Along the Central Oregon Coast, Newport reported gusts to 53 mph and Buoy 50, near Newport, reported swell to 24 feet.

OREGON, Southeast

NONE REPORTED.

OREGON, Southwest

ORZ026-026-026-026-026

Jackson County

11 0719PST 0 0 Heavy Snow
1009PST

Spotter JA45 in Butte Falls reported 4.5 inches of snow since midnight.

A Winter Storm Warning was issued for almost all of Southern Oregon/Northern California west of the Cascades at 0953 PST on 02/10/01, including Oregon zones 021/022/023/024/025/026/028 and California zones 080/081/082. The storm remained offshore as it moved south instead of veering inland as forecast. The warnings were cancelled for zones ORZ028 at 10/1445 PST, ORZ022/023/025/026 at 10/2258 PST, ORZ021/024 and CAZ080/081 at 11/0430 PST, and CAZ082 at 11/1143 PST. In the end, only zones ORZ022/026 and CAZ081/082 verified a warning, as listed above. Many other zones verified for snow advisories, however. The warning for CAZ082 was cancelled prematurely, as one of the spotter reports verifies.

ORZ030

Northern & Eastern Klamath County & Western Lake County

22 2055PST 0 0 Heavy Snow
23 0516PST

See below.

A Heavy Snow Warning was issued for zone ORZ030 north of Chemult at the above dates and times. However, no reports verifying the warning were received.

Storm Data and Unusual Weather Phenomena

February 2001

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

Saipan

Central Portion	10	1210SST 1230SST			0 3		Rip Currents
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21-year-old Hsieh Yi Fan and 19-year-old Shih Pei Chi of Taipei, Taiwan were swimming at the Grotto in Saipan. The two ladies went down to a ledge at the Grotto and shortly thereafter a huge set of waves washed in a swept them off their feet. Luke Ishizaki was swimming with two friends (Derek Hendricks and Robert Baumgarten) near-by when he heard the ladies scream. He jumped down from the top of the ledge and as he did another wave swept him down. He managed to grab hold of a safety rope and wrap it around his legs. The safety rope is strung across the area to help swimmers fight the currents. Ishizaki's friends were pushed away by the currents and could not offer assistance. Ishizaki grabbed one of the ladies in his arms and held onto the other one with his hands as they were being swept into the current. Ishizaki kept them from being swept into the sharp rocks. After the waves settled down Ishizaki lifted the women to safety. Ishizaki and the two ladies received minor injuries. A strong storm system passed well to the north of Guam. Strong winds associated with the storm created long period swells, which resulted in Hazardous Surf and strong rip currents along the northern shore lines of the Mariana Islands.

Guam

Talofof	21	1315SST 1340SST			1 0		Rip Currents
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A 54-year-old female Korean tourist was snorkeling with her husband and about two dozen other tourist Ipan Beach Resort in Talafofo. Jun Bae, the resort's general manager, said he and four other employees rushed to the victim when they saw her husband carrying her and crying for help. Guam Fire Department rescue crews were notified at 1330. The woman was under the choppy waters for about 10 minutes. Resort attendees said they did not know how the accident took place, noting the woman was wearing a life vest, there were three employees watching the swimmers, and the waters were only three to four feet deep. The woman was on life support until February 23, when she was taken off by request of her family. Strong high pressure to the northeast of Guam increased trade winds across the western North Pacific. This created long period swells, which resulted in strong rip currents along the eastern shore lines of the Mariana Islands. Ipan Beach is on the eastern shore and was susceptible to these swells F54IW

Guam

Piti	26	1130SST 1426SST			1 0		Rip Currents
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A 5-year-old girl died after being pulled from the waters off Piti Beach. The girl was brought to Naval Hospital in unstable condition and in full cardiac arrest. The girl was taken off ventilation at the request of her parents at 1426. Strong high pressure moving out of Asia increased winds north between Guam and Japan. This created long period swells, which resulted in strong rip currents along northwestern, northern and northeastern shorelines of the Mariana Islands. Piti Beach faces north-northwest and was susceptible to these swells. F51W

PENNSYLVANIA, Central

PAZ004

Warren	03	0001EST 0800EST			0 0		Heavy Snow
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Northwest winds produced localized bands of lake effect snow which reached into Warren County. Four to seven inches of new snow were reported by early morning of the 3rd, when the event ended.

PAZ058>059-065>066

Schuylkill - Lebanon - York - Lancaster	05	0200EST 1700EST			0 0		Heavy Snow
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A low pressure system developed off the mid-Atlantic coast and tracked to the northeast. Most areas of central and south-central Pennsylvania were spared from any more than an inch or two of snow, but the extreme eastern counties of Schuylkill, Lebanon, York, and Lancaster picked up over 6 inches of snow. Higher elevations of Schuylkill County received nearly a foot of snow, while the town of Hanover in eastern Lancaster County received 9 inches.

PAZ004>006-

010>012-017>019-

024>028-033>036-

045-056>059-063>066

Warren - Mckean - Potter - Elk - Cameron - Northern Clinton - Clearfield - Northern Centre - Southern Centre - Cambria - Blair - Huntingdon - Mifflin - Juniata - Somerset - Bedford - Fulton - Franklin - Southern Clinton - Perry - Dauphin - Schuylkill - Lebanon - Cumberland - Adams - York - Lancaster

	10	0200EST 0800EST			0 0	149.8K	High Wind
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Deepening low pressure tracked across the upper Ohio Valley, through the Niagara Peninsula, and into Ontario Canada. The low pushed a strong cold front across central Pennsylvania. The front crossed the region between midnight and 5:00 a.m. on February 9th. Damaging winds accompanied the front as it moved through, and persisted through sunrise on the morning of the 9th. Numerous trees, power lines, and utility poles were reported felled across central Pennsylvania, blocking some roadways. More significant property damage included roof damage to a WalMart Department Store in Bedford/Bedford County, damage to a trailer home in Newbury Township/York County, and a chimney blown down damaging a residential roof in State College/Centre County.

PENNSYLVANIA, East

PAZ054>055-060>062

Carbon - Monroe - Berks - Lehigh - Northampton	05	0100EST 2000EST			0 0		Heavy Snow
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Storm Data and Unusual Weather Phenomena

February 2001

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

PAZ067>071

Chester - Montgomery - Bucks - Delaware - Philadelphia

05	0500EST				0	0	Winter Storm
	1900EST						

An intensifying low pressure system that helped generate its own cold air produced heavy snow across most of Eastern Pennsylvania. While the air was cold enough for precipitation to fall as snow across the Poconos and Lehigh Valley, the precipitation intensity was so heavy farther southeast, that the rain changed to snow faster and lasted longer than anticipated. Unfortunately this occurred during midday on Monday. While schools were closed from Upper Bucks and Montgomery Counties northward, schools were open farther south. As schools, businesses and malls closed early in Philadelphia and the nearby suburbs, an early rush hour produced dire and nightmarish consequences. Numerous accidents congested nearly every major roadway to the point that emergency personnel and snow plows could not get through. Many tractor trailers jackknifed and many vehicles including school buses skidded into ditches and could not negotiate hills. Thousands of motorists were stranded on roadways, many abandoned their vehicles adding to the traffic congestion. There were thousands of accidents. Most of them only caused minor injuries. Stories of 30 minute commutes turning into 6 hour nightmares were common. Many communities declared snow emergencies. In addition, the heavy wet snow downed numerous trees, tree limbs and power lines, particularly in the Philadelphia northwest suburbs. PECO Energy reported 180,000 customers lost power. Farther north, the snow was more powdery and only about 9,000 outages were reported. Repair efforts were hampered by the traffic congestion. Many slip and fall and snowthrower accidents occurred. Several pedestrians were injured when struck by either snow plows or vehicles. There was one reported heart attack death caused by shoveling snow (in Chester County). Cell phone use overwhelmed the capacity of their systems. Accumulations were generally between 6 and 18 inches. Some lesser accumulations occurred within parts of Philadelphia and lower parts of the nearby suburbs. The widespread highest amounts occurred across the southern Poconos and the Lehigh Valley. Many schools were closed the following day (the 6th). Most power was restored by the 6th.

In the Poconos, the snow began falling shortly after midnight on the 5th and fell the heaviest between 8 a.m. and 4 p.m. EST. The worst accident occurred on the Northeast Extension of the Pennsylvania Turnpike near Lehighton when a tractor trailer traveling northbound struck the concrete median. Pieces of the median fell into the southbound lanes and the hood of the tractor trailer flew off and struck another vehicle. The road was closed for over an hour. In Mahoning Township, an oil delivery truck slid on ice and flipped on its side. This was the highest accumulation in the Stroudsburg area since the blizzard of 1996.

In the Lehigh Valley and Berks County, snow began falling around 1 a.m. EST, fell the heaviest between 9 a.m. and 3 p.m. EST and ended around 7 p.m. EST. In the Lehigh Valley, a tractor trailer accident backed up Interstate 78 for 6 miles during the afternoon. Trucks could not negotiate the hill. In Easton, a tractor trailer jackknifed on U.S. Route 22 near Cemetery Curve and backed up the roadway throughout the afternoon. Even a fire truck stalled in the snow. Half of the flights at the Lehigh Valley International Airport were cancelled. In Berks County, both directions of the Pennsylvania Turnpike were closed around Reading because of three jackknifed tractor trailers. A pedestrian was struck by a plow in Morgantown. Boyertown, Hamburg and Sinking Spring had the most power outages.

Philadelphia and the surrounding suburbs bore the brunt of the damage from this winter storm. Precipitation started as a mixture of snow, sleet and rain just after midnight in the far northern suburbs and as plain rain elsewhere. As precipitation intensity increased, and the low began to pull offshore, precipitation changed to all snow in the far north and the transition started farther south. The rain changed to all snow around Doylestown (Bucks County) at 9 a.m. EST and in Philadelphia around noon EST. The heaviest snow fell between 11 a.m. and 5 p.m. EST. Ironically, when the precipitation intensity decreased, rain began mixing with the snow again at the Philadelphia International Airport. The snow ended by 8 p.m. EST. Accidents caused cars, trucks and buses to be at a standstill from 1 p.m. EST into the early evening on the Schuylkill Expressway (Interstate 76), the Blue Route (Interstate 476), the Northeast Extension of the Pennsylvania Turnpike, U.S. Route 30, U.S. Route 202, U.S. Route 422, Pennsylvania State Route 309, Pennsylvania State Route 611, Ridge Pike and Germantown Pike. A drive from Center City Philadelphia to King of Prussia in Montgomery County took one motorist 5 hours. Many vehicles ran out of fuel and were abandoned on these roadways slowing or preventing snow removal. There were 500 reports of stranded motorists in Delaware County alone. Plow trains had better luck clearing access roads first than main roadways because of the congestion.

In Bucks County, a jackknifed tractor trailer near Quakertown crippled the Northeast Extension of the Pennsylvania Turnpike for most of the day. In Montgomery and Bucks Counties, school buses became stuck climbing hills and/or slid into ditches. This occurred to three buses in Lower Moreland Township (Montgomery County) alone. In Abington Township, a six foot wide tree crashed onto four vehicles, two were occupied, but no serious injuries occurred. A tree fell on a vehicle in Horsham Borough also. Every major roadway in Whitpain Township (Montgomery County) was gridlocked. Emergency officials were overwhelmed. In Lower Merion Township, for example, there were 300 responses from emergency personnel. In Chester County, about a half dozen school buses were stuck on Charlestown Township roads. In Paoi, students were stuck at the school overnight. Buses could not reach them. In Delaware County, in Marple Township, a pedestrian was struck during a two vehicle accident. In Radnor Township, 1,200 students were stranded because bus drivers could not make it back to work. The last bus left the school at 745 p.m. EST.

Specific accumulations included in Berks County: Mohnton 14.5 inches, Bechtelsville 13 inches, Reading 10 inches and Lincoln Park 9.5 inches, in Bucks County: 18 inches in Springtown, 14.7 inches in Chalfont, 13.5 inches in Sellersville, 8 inches in Doylestown and 4 inches in Levittown, in Carbon County: 11 inches in Albrightsville, 10 inches in Meckesville and 9 inches in Jim Thorpe and Lehighton, in Chester County: 11 inches in Kimberton, 10 inches in Exton, 7.4 inches in Glenmoore, 6 inches in Valley Forge and 4 inches in Oxford. In Delaware County: 12.4 inches in Radnor, 7.5 inches in Newtown and 4 inches in Crum Creek, In Lehigh County: 17.5 inches in Coopersburg, 17 inches in Salisbury Township, 16 inches in Alburtis and 13 inches at the Lehigh Valley International Airport, in Monroe County: 16 inches in Saylorburg, 13.5 inches in East Stroudsburg, 12 inches in Scotia and 10 inches in Pocono Summit, In Montgomery County: 14 inches in Palm, 13 inches in King of Prussia, 12 inches in Pottstown, 11 inches in Hatfield and 9 inches in Whitmarsh, in Northampton County: 18 inches in Williams Township, 17 inches in Palmer Township, 13 inches in Easton and 12 inches in Bethlehem

Storm Data and Unusual Weather Phenomena

February 2001

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

and in Philadelphia County: 8 inches in Manayunk, 5.5 inches in Somerton, 4 inches at the Franklin Institute and 3 inches at the Philadelphia International Airport.

The low pressure system responsible for the heavy snow developed along a stationary front just east of Florida on the 4th. By the morning of the 5th, it moved north to near Elizabeth City, North Carolina. It then intensified rapidly (a drop of about 25 millibars during the next 24 hours) as it moved northeast and reached Nova Scotia during the morning of the 6th. The air mass over the region was marginally cold for snow, especially around Philadelphia. But, the precipitation intensity was so great (storm total water equivalents were around 1.5 inches), that the heat required to melt the snow aloft (called the latent heat of fusion) chilled the air mass and made the snow capable of reaching the ground. This type of snowstorm is typically called a "warm snowstorm" because the low pressure system itself manufactures the cold air needed to make the snow reach the ground. In a so-called standard snowstorm the air mass is cold enough at the start to support snow. Warm snowstorms are not only difficult to predict, but also because of the lack of cold air, usually produce heavy wet snow that easily can take down trees, tree limbs and power lines.

PAZ055

Monroe

09	0530EST			0	0	Freezing Rain
	1000EST					

Patchy light freezing rain preceding a warm front moved through Monroe County during the morning of the 9th. Water equivalents were on the light side, generally less than five hundredths of an inch. Nevertheless, untreated roadways became treacherous. Monroe County was on the southern edge of the precipitation shield and by mid morning, the freezing rain had ended and temperatures rose above the freezing mark.

PAZ054>055-

060>062-067>071

Carbon - Monroe - Berks - Lehigh - Northampton - Chester - Montgomery - Bucks - Delaware -

Philadelphia

10	0600EST			0	0	Wind
	1000EST					

A strong cold front moved through Eastern Pennsylvania during the morning of the 10th. Strong gusty northwest winds accompanied and followed the cold frontal passage. Peak wind gusts averaged between 35 and 45 mph. No serious damage was reported. Peak wind gusts included 47 mph at the Philadelphia International Airport, 45 mph in Reading (Berks County), 41 mph in Mount Pocono (Monroe County), 40 mph in Pottstown (Montgomery County) and 39 mph at the Lehigh Valley International Airport.

PAZ060-067>071

Berks - Chester - Montgomery - Bucks - Delaware - Philadelphia

12	2000EST			0	0	Wintry Mix
13	0030EST					

A weak low pressure system developed from an inverted trough off the south Atlantic Coast the morning of the 12th. As the low moved off the North Carolina coast during the evening of the 12th, moisture spilled north into southeast Pennsylvania. A high pressure system nestled over New England left some relatively cold air near the surface. While it was warm enough aloft for precipitation to fall as rain, near the ground temperatures were around or below the freezing mark. A few hours of light sleet and/or freezing rain occurred across the region. By midnight precipitation had changed to rain in Philadelphia and Delaware Counties just as it was ending across the area. Water equivalents were generally under one tenth of an inch. Untreated roadways and walkways were hazardous, with the most slippery conditions reported in Chester County. Farther to the north, the cold air was deeper and precipitation fell as either light snow or flurries.

PAZ054

Carbon

16	0900EST			0	0	Freezing Rain
	2100EST					

PAZ055

Monroe

16	0900EST			0	0	Ice Storm
	2300EST					

A cold front moved through the Poconos on the 15th and stalled over the southern Middle Atlantic States. High pressure brought in some colder and drier air near the surface the night of the 15th and the morning of the 16th. A weak low pressure system developed on the front during the morning of the 16th over the Tennessee Valley. While it was warm enough aloft for precipitation to fall as rain, air temperatures remained below freezing over some of the higher terrain locations in the Poconos, particularly in Monroe County. The low pressure system was too weak to bring in warmer air from the nearby Atlantic. Freezing rain and rain fell across the Poconos during the day and evening of the 16th. Ice accretions reached around one-quarter of an inch in some of the higher terrain locations in Monroe County. Untreated roadways were treacherous.

PAZ054>055-

060>062-067>071

Carbon - Monroe - Berks - Lehigh - Northampton - Chester - Montgomery - Bucks - Delaware -

Philadelphia

22	1230EST			0	0	Heavy Snow
23	1230EST					

A fast moving low pressure system brought heavy snow to Eastern Pennsylvania on the 22nd. Accumulations averaged between 5 and 10 inches with the highest amounts in the Lehigh Valley and the Poconos. Snow began falling during the first half of the afternoon. Cold weather the previous two days made it easy for the snow to accumulate. Roads became slippery quickly as witnesses by Whitemarsh Township (Montgomery County) which reported thirteen accidents within the first half hour that the snow started. In a similar situation to what occurred on the 5th of this month, schools and businesses closed early and created an early rush hour. Numerous accidents occurred, about three times the normal number of crashes. Average commutes took three to four times longer than normal. The heaviest snow fell during the latter half of the afternoon and the first half of the evening. It ended around midnight that night.

In Carbon County, the Mansion House Hill road was closed as vehicles became stranded. Many schools were closed the next day (Friday

Storm Data and Unusual Weather Phenomena

February 2001

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

the 23rd). In Northampton County, two tractor trailers became stuck on opposite sides of Pennsylvania State Route 378. Westbound U.S. Route 22 was closed because of an accident around cemetery curve. Cars were abandoned at the bottom of hills as people trudged home from there. Tractor trailers could not make up the hills within Allentown (Lehigh County) also. Around Philadelphia, bus lines were cancelled in the hillier parts of the city and there were dozens of delays at the International Airport.

Specific accumulations included in Berks County: 10 inches in Kutztown, 6 inches in Morgantown, 5.5 inches in Hamburg and 5 inches in Reading, in Bucks County: 8 inches in Springtown, 7.4 inches in Doylestown, 7 inches in New Hope and 6 inches in Langhorne, in Carbon County: 10.7 inches in Palmerton, 10.5 inches in Summit Hill, 9 inches in Lehighton, and 7 inches in Jim Thorpe, in Chester County: 8.1 inches in West Chester, 7.5 inches in Valley Forge and 7 inches in Westtown, in Delaware County: 7.5 inches in Media, 7.4 inches in Radnor and 6.7 inches in Clifton, in Lehigh County: 10.5 inches in Schnecksville, 10 inches in New Tripoli, 8.5 inches in Zionsville and 7 to 8 inches in Allentown, in Monroe County: 9.4 inches in Bossardsville, 8.5 inches in East Stroudsburg, 7 inches in Saylorsburg and 6.5 inches in Effort, in Montgomery County: 7.6 inches in King of Prussia, 7 inches in Huntingdon Valley, 6 inches in Palm and Ambler, in Northampton County: 10 inches in Forks, 9 inches in Plainfield and 8.3 inches in Bath and in Philadelphia County: 7 inches at the International Airport and 6.4 inches at the Franklin Institute.

The low pressure system responsible for the heavy snow developed along the Red River Valley in the Southern Plains on Wednesday the 21st. By Thursday morning the 22nd, it was located over northern Alabama. It moved quickly offshore and by the morning of the 23rd, it was more than 300 miles east of the Delmarva Peninsula. The quick movement of the low pressure system prevented heavier snow from occurring. But it was compensated by a higher than normal snowfall to water equivalent ratio. In the so-called average snowstorm the ratio of snowfall to water equivalent is usually 10 to 1. For example, 10 inches of snow would melt down to about one inch of water (or rain). In this storm, partially because the air mass over the region was considerably colder than normal, the snowfall to water equivalent ratio was closer to 20 to 1.

PAZ054>055

Carbon - Monroe

25	0200EST 1300EST		0	0		Winter Storm
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PAZ060>062-068>069

Berks - Lehigh - Northampton - Montgomery - Bucks

25	0200EST 0900EST		0	0		Wintry Mix
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A cold front moved through Eastern Pennsylvania on the 23rd. A large high pressure system build into the region that night and on the 24th. Meanwhile a rather intense low pressure system was located over the foothills of the Rockies on the morning of the 24th. It moved into the western Great Lakes the morning of the 25th as the high pressure system moved east to the Canadian Maritimes. While the low pressure system was intense, it was located too far west to quickly scour the cold air that was left across most of Eastern Pennsylvania. Precipitation started as sleet and freezing rain across the Poconos, Berks County, the Lehigh Valley and the far northern Philadelphia suburbs. By 9 a.m. EST enough warm air had arrived for the precipitation to change to plain rain from the Lehigh Valley south. Ice accretions were generally less than one tenth of an inch. Farther to the north, it took longer for the warm air to move in near the surface and freezing rain persisted until around Noon EST in the Poconos. By then between .15 and .30 of an inch of ice accrued on exposed surfaces (such as trees and power lines). Lesser amounts accrued on roadways, but untreated roads and walks were extremely hazardous. Since this event occurred on a Sunday morning, the number of traffic accidents were less than would have occurred on a weekday morning.

PENNSYLVANIA, Northeast

PAZ039>040-

043>044-047>048

Susquehanna - Wayne - Wyoming - Lackawanna - Luzerne - Pike

05	0400EST 2200EST		0	0		Heavy Snow
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A coastal storm off the middle Atlantic coast on the morning of the fifth moved north while rapidly intensifying. The storm was off of Long Island, New York on the evening of the fifth. Snow moved north ahead of the storm starting by 6 AM. Snowfall rates went quickly to an inch per hour by noon. Snowfall rates were as high as 2 inches per hour closest to the storm in eastern Pike County. The snow ended during the evening as the storm moved further to the northeast. Snowfall amounts were 4 to 8 inches in Luzerne, Lackawanna, Wyoming, and the eastern half of Susquehanna Counties. Snowfall amounts increased to 5 to 10 inches in Wayne County and 9 to 15 inches in Pike County. The highest amounts were in eastern Pike County.

PAZ048

Pike

16	0800EST 2300EST		0	0		Ice Storm
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A low pressure system moved across the middle Atlantic region on the 16th. A southeast fetch brought moisture from the Atlantic Ocean into Pike County. This was further enhanced by the moisture being lifted as it moved into the eastern Pocono Mountains. When freezing rain started temperatures were in the lower twenties. Temperatures slowly warmed throughout the day to around freezing during the evening. As the low moved off the middle Atlantic coast during the evening, precipitation ended. Water equivalents of the freezing rain were between a quarter and a half of an inch.

PAZ048

Pike

22	1500EST		0	0		Heavy Snow
23	0200EST					

A coastal storm developed in North Carolina on the afternoon of the 22nd. Snow started that afternoon. It then strengthened as it moved northeast off the coast starting in the evening then continuing into the 23rd. Snow amounts were 5 to 7 inches. The snow ended early on

Storm Data and Unusual Weather Phenomena

February 2001

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PUERTO RICO

Northeast

Fajardo	09	1820AST 1830AST			0 0		Waterspout
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A pilot sighted two waterspouts about two miles south of Fajardo moving west.

RHODE ISLAND

RIZ001>002

Northwest Providence - Southeast Providence

05	1400EST				0 0		Heavy Snow
06	0300EST						

A winter storm brought heavy snow and strong winds to northern Rhode Island. The highest totals, between 7 and 15 inches, were reported in northwest Providence County. Amounts of 4 to 8 inches were common in southeast Providence County, with lower amounts farther to the south. Traffic leaving Providence on Routes 6 and 295 was snarled for several hours, as many commuters tried to leave work early. About 1,300 customers were left without power during the storm.

RIZ001>007

Northwest Providence - Southeast Providence - Western Kent - Eastern Kent - Bristol - Washington - Newport

10	0100EST 1700EST				0 0		Strong Wind
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Strong northwest winds gusted between 45 and 55 mph throughout all of Rhode Island. There were no reports of wind damage.

RIZ001>002-004>005-007

Northwest Providence - Southeast Providence - Eastern Kent - Bristol - Newport

17	1000EST 1800EST				0 0		Strong Wind
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Northwest winds gusted between 45 and 55 mph throughout much of northern and eastern Rhode Island. There were no reports of wind damage.

RIZ001>007

Northwest Providence - Southeast Providence - Western Kent - Eastern Kent - Bristol - Washington - Newport

25	0600EST 1200EST				0 0		Freezing Rain
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Snow changed to sleet and freezing rain, creating slippery travel at the end of the February school vacation week. There were many minor accidents throughout Rhode Island, especially north of Providence, where there several injuries indirectly attributed to the icy conditions.

SOUTH CAROLINA, Central

NONE REPORTED.

SOUTH CAROLINA, North Coastal

NONE REPORTED.

SOUTH CAROLINA, Northwest

SCZ001>014-019

Oconee Mountains - Pickens Mountains - Greenville Mountains - Greater Oconee - Greater Pickens - Greater Greenville - Spartanburg - Cherokee - York - Anderson - Abbeville - Laurens - Union - Chester - Greenwood

01	0000EST				0 0		Drought
28	2359EST						

The long term drought's impact became more severe, even during the winter, as water levels in lakes dropped and stream flow on rivers reached record low levels. More and more communities began water restrictions, and started preparing for a busy fire weather season.

Anderson County

Iva	16	2000EST 2006EST			0 0		Thunderstorm Wind (G60)
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A dying severe thunderstorm that crossed over from northeast Georgia resulted in wind damage. The room was blown off a mobile home.

SCZ005-007

Greater Pickens - Spartanburg

16	2200EST				0 0		High Wind (G55)
17	0600EST						

A strong cold front crossed the region on the 16th. Accompanying the cold front were strong to severe thunderstorms. Following the frontal passage, a period of high gradient winds ensued. Wind damage was noted as far north as Liberty in southern Pickens County, where large trees were blown down, although no structural damage was observed there.

SOUTH CAROLINA, South Coastal

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
TENNESSEE, Central							
Lewis County							
Countywide	16	1100CST 2200CST			0 0		Flood
			Highway Dept. said several low water bridges were under water.				
Rutherford County							
Countywide	16	1100CST 2200CST			0 0		Flood
			Highway dept. reported high water on many roads.				
Stewart County							
Countywide	16	1100CST 1630CST			0 0		Flood
			Highway department reported River Road in Dover was closed, and also Wildcat Road and Bellcat landing Road was closed due to high water.				
Wilson County							
Lebanon	16	1100CST 2200CST			0 0		Flood
			High water on many roads. Blue Bird Road was closed around Lebanon because of water going across the bridge.				
Marshall County							
Countywide	16	1130CST 2200CST			0 0		Flood
			Highway Dept. said 5 or 6 roads were under water. Hardest hit area was Rock Springs near Caney Springs.				
Maury County							
Columbia	16	1130CST 2200CST			0 0		Flood
			Highway Dept. said Hicks Lane and Highway 50 closed near Columbia due to high water.				
Williamson County							
Countywide	16	1155CST 2200CST			0 0		Flood
			Highway department reported 9 roads closed due to high water. A newspaper article related the story of 2 boys had to be rescued from their truck by the Arrington Volunteer Fire Department at 6 PM CST. They were attempting to cross a flooded and barricaded roadway. The boys were trapped on Patton Road.				
Perry County							
Countywide	16	1200CST 1630CST			0 0		Flood
			Highway dept. reported many roads closed especially near Lobelville around the Buffalo River.				
Lawrence County							
Countywide	16	1300CST 2200CST			0 0	7K	Flood
			EMA reported many roads closed and creeks out of their banks. Minor damage on a few roads.				
Franklin County							
2 SE Huntland	16	1415CST			0 0		Thunderstorm Wind (G52) ^M
			Spotter reported 60 mph wind gust.				
Franklin County							
11 S Winchester	16	1430CST			0 0		Thunderstorm Wind (G50)
			Public reported a few trees down off of Sinking Cove Road near Little Cow Creek.				
Franklin County							
Sewanee	16	1435CST			0 0		Thunderstorm Wind (G50)
			Local law enforcement reported a power line down at Sewanee.				
Sumner County							
Countywide	16	1620CST 2200CST			0 0		Flood
			High water on many roads. 2 or 3 places the roads were impassable along Drakes Creek.				
Wayne County							
North Portion	16	1620CST 2200CST			0 0		Flood
			EMA reported several county roads were closed in the north end of the county. One road was closed in Waynesboro due to hgh water.				

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>TENNESSEE, Central</u>							
Bedford County							
Countywide	16	1700CST 2200CST			0 0		Flood
							EMA reported roads closed due to high water.
Davidson County							
Nashville	16	1700CST 2200CST			0 0		Flood
							EMA reported several roads flooded and closed in Davidson county such as Newsom Station and Merrymount, Bluff Road and Nolensville Road.
Franklin County							
Decherd	16	1700CST 2200CST			0 0		Flood
							Newspaper related a story of a home surrounded with water due to poor drainage along the county road. The water entered the home's heating unit. The home was at 812 Payne's Church Road.
Lincoln County							
Countywide	16	1700CST 2200CST			0 0		Flood
							High water on several roads, but no road closures.
Moore County							
West Portion	16	1700CST 2200CST			0 0		Flood
							EMA reported roads closed, even Highway 129 for several hours due to high water.
Stewart County							
Bumpus Mills	24	2240CST			0 0		Thunderstorm Wind (G50)
							Highway department reported trees down around the northern part of the county and at Bumpus Mills.
Perry County							
5 SW Lobelville	24	2320CST			0 0		Thunderstorm Wind (G52) ^M
							Spotter reported 60 mph wind gust in thunderstorm.
Humphreys County							
1 S Waverly	24	2325CST			0 0		Thunderstorm Wind (G50)
							Spotter reported trees blown down.
Montgomery County							
Clarksville	24	2330CST			0 0		Thunderstorm Wind (G50)
							Local law enforcement reported large tree limbs down on Wilma Rudolph Blvd.
Dickson County							
1 W White Bluff	24	2345CST			0 0		Thunderstorm Wind (G50)
							Spotter reported large tree limbs down.
Dickson County							
4 SE Dickson	24	2350CST			0 0		Thunderstorm Wind (G52) ^M
							Spotter reported 60 mph wind gust.
Williamson County							
6 NW Franklin	25	0010CST			0 0		Thunderstorm Wind (G50)
							Law enforcement reported 2 trees down on Hillsboro Road.
Davidson County							
Nashville	25	0015CST 0017CST			0 0		Thunderstorm Wind (G50)
							EMA reported a few trees and power lines down.
Williamson County							
Leipers Fork	25	0015CST			0 0		Thunderstorm Wind (G50)
							Law enforcement reported trees down.
Dickson County							
4 W Vanleer	25	0020CST			0 0		Thunderstorm Wind (G50)
							Law enforcement reported trees blown down on Yellow Creek.
Cheatham County							
Ashland City	25	0022CST			0 0		Thunderstorm Wind (G50)
							Trained spotter reported trees blown down.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
TENNESSEE, Central							
Lawrence County							
Deerfield	25	0030CST			0 0		Hail (1.00)
							Trained spotter reported quarter size hail.
Maury County							
2 NW Columbia	25	0040CST			0 0		Thunderstorm Wind (G52) ^M
							Spotter reported 60 mph wind gust.
Maury County							
Mt Pleasant to .1 NE Mt Pleasant	25	0040CST	0.1	10	0 0		Tornado (F0)
							Law enforcement reported trees blown down.
Lawrence County							
3 SW Loretto	25	0050CST			0 0		Thunderstorm Wind (G52) ^M
							Spotter reported 60 mph wind gust.
Lewis County							
5 E Hohenwald	25	0050CST			0 0		Thunderstorm Wind (G50)
							Local law enforcement reported a tree down on Finnis Rd.
Lewis County							
9 E Hohenwald	25	0055CST			0 0		Thunderstorm Wind (G50)
							Law enforcement reported trees down on Highway 99 and Swan Creek Rd.
Giles County							
Countywide	25	0100CST			0 0		Thunderstorm Wind (G50)
							Law enforcement reported trees down around the county.
Rutherford County							
La Vergne	25	0110CST			0 0		Hail (0.75)
							Spotter reported dime size hail.
Rutherford County							
La Vergne	25	0110CST			0 0		Thunderstorm Wind (G52) ^M
							Spotter reported 60 mph wind gust.
Williamson County							
Nolensville	25	0110CST			0 0		Thunderstorm Wind (G50)
							Trees and power lines were down.
Lewis County							
8 E Hohenwald	25	0115CST			0 0		Thunderstorm Wind (G50)
							Spotter reported trees down.
Marshall County							
Cornersville	25	0115CST			0 0		Thunderstorm Wind (G50)
							Law enforcement reported large tree limbs down.
Rutherford County							
La Vergne	25	0115CST 0120CST			0 0		Thunderstorm Wind (G50)
							Sheriff's office reported trees and power lines down.
Rutherford County							
Smyrna to .1 NE Smyrna	25	0120CST	0.1	10	0 0		Tornado (F0)
							Law enforcement reported trees and power lines down.
Williamson County							
6.1 NE Franklin to 6.2 NE Franklin	25	0120CST	0.1	10	0 0		Tornado (F0)
							Trained spotter reported a tornado with trees being blown down on Concord Road and Franklin Rd.
Wilson County							
2 S Lebanon to Watertown	25	0130CST 0135CST			0 0		Thunderstorm Wind (G52)
							Numerous trees and power lines down. Report was by local law enforcement.
Wilson County							
.1 ENE Shop Spgs to .2 ENE Shop Spgs	25	0130CST	0.1	10	0 0		Tornado (F0)
							Trained spotter reported a tornado at Sparta Pike and Young Rd. Several trees were blown down.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>TENNESSEE, Central</u>							
Wilson County							
Watertown	25	0130CST			0 0		Hail (0.75) Spotter reported dime size hail.
Lincoln County							
Countywide	25	0145CST			0 0		Thunderstorm Wind (G50) Highway department reported a few trees down.
Bedford County							
Wartrace	25	0155CST			0 0		Thunderstorm Wind (G52) Law enforcement reported trees and power lines down.
Clay County							
West Portion	25	0155CST			0 0		Thunderstorm Wind (G50) A tree was down in the western part of the county.
Bedford County							
Fairfield	25	0200CST			0 0		Thunderstorm Wind (G52) Trees and power lines were down in Fairfield and Pleasant Grove.
Jackson County							
Dodson Branch	25	0200CST			0 0		Thunderstorm Wind (G50) Law enforcement reported trees blown down.
Moore County							
Lynchburg	25	0210CST			0 0		Thunderstorm Wind (G50) Law enforcement reported a tree down on Tanyaro Rd.
Franklin County							
Winchester	25	0220CST			0 0		Thunderstorm Wind (G50) Law enforcement reported a tree down on Skidmore Rd.
Grundy County							
Countywide	25	0225CST			0 0		Thunderstorm Wind (G50) Highway Department reported a few trees down around the county.
Coffee County							
Manchester	25	0230CST			0 0		Thunderstorm Wind (G50) Duck River Electric reported power lines down.
Warren County							
Irving College	25	0230CST			0 0		Thunderstorm Wind (G50) Law enforcement reported trees down.
Hickman County							
West Portion	25	2335CST			0 0		Thunderstorm Wind (G50) Highway department reported a few trees down around the western part of the county such as Coble.
Smith County							
Rome	25	0140CST			0 0		Thunderstorm Wind (G50) A large hackberry tree fell across Blevins Road, in Rome, blocking traffic. There were other reports of isolated trees or tree limbs down in Smith county. Some mailboxes were blown over at Flat Rock Road, and the top of a tree was on Hiwassee Road. These roads are located in the northwest section of the county.
<u>TENNESSEE, East</u>							
Marion County							
West Portion	16	1445CST			0 0	10K 25K	Thunderstorm Wind Trees and power lines down.
Marion County							
Countywide	16	1515CST			0 0	50K	Thunderstorm Wind Trees down.
Sequatchie County							
Dunlap	16	1520CST			0 0	18K	Thunderstorm Wind Trees down.
Hamilton County							
Signal Mtn to Red Bank	16	1633EST			0 0	20K	Thunderstorm Wind Trees down.
Hamilton County							
East Ridge	16	1715EST			0 0	14K	Thunderstorm Wind Trees down.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>TENNESSEE, East</u>							
Bradley County							
Mc Donald	16	1725EST			0 0	17K	Thunderstorm Wind
							Trees down.
Mcminn County							
Athens	16	1725EST			0 0	19K	Thunderstorm Wind
							Trees down.
Polk County							
Reliance	16	1746EST			0 0	12K	Thunderstorm Wind
							Trees down.
<u>TENNESSEE, West</u>							
Madison County							
Jackson	16	0800CST 1200CST			0 0	1K	Urban/Sml Stream Fld
							Several streets were closed because of flooding after five night and four days of rain.
Tipton County							
Munford	21	2115CST 2120CST			0 0	10K	Thunderstorm Wind
							Numerous trees and power lines were blown down.
Haywood County							
Brownsville	21	2120CST 2125CST			0 0	0.01K	Hail (0.75)
Haywood County							
Stanton	21	2125CST 2130CST			0 0	5K	Thunderstorm Wind (G55)
							Several trees were blown down across Interstate 40.
Madison County							
Adair	21	2125CST 2130CST			0 0	0.10K	Hail (1.00)
Fayette County							
La Grange	21	2145CST 2150CST			0 0	0.75K	Hail (1.75)
Hardeman County							
3 SW Bolivar to Bolivar	21	2145CST 2200CST			0 0	0.20K	Hail (1.00)
							Hail ranged in size from dimes to quarters.
Madison County							
Pinson to Medon	21	2145CST 2205CST			0 0	10K	Thunderstorm Wind
							A few trees were knocked down.
Hardeman County							
Middleton	21	2155CST 2200CST			0 0	5K	Thunderstorm Wind
							Some trees were blown down.
Mcnairy County							
Rose Creek to Selmer	21	2205CST 2225CST			0 0	0.10K	Hail (1.00)
							Hail ranged in size from dimes in Rose Creek to quarters in Selmer.
Chester County							
Masseyville	21	2210CST 2215CST			0 0	0.01K	Hail (0.75)
Mcnairy County							
Selmer to Adamsville	21	2220CST 2240CST			0 0	50K	Thunderstorm Wind
							A mobile home was destroyed in Lawton. Numerous trees and power lines were knocked down between Selmer and Adamsville.
Hardin County							
Crump	21	2240CST 2245CST			0 0	0.01K	Hail (0.75)

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
TENNESSEE, West							
Shelby County							
Memphis	24	2007CST 2015CST			0 0	5K	Thunderstorm Wind
							A couple of large trees were knocked down.
Lake County							
Ridgely	24	2010CST 2015CST			0 0	5K	Thunderstorm Wind
							A couple of telephone poles were knocked down.
Lauderdale County							
Halls	24	2010CST 2015CST			0 0	5K	Thunderstorm Wind
							Several trees were blown down.
Tipton County							
Idaville	24	2015CST 2020CST			0 0	5K	Thunderstorm Wind
							Several trees were knocked down.
Shelby County							
Memphis	24	2033CST 2040CST			0 0	5K	Thunderstorm Wind
							A few power lines were blown down.
Shelby County							
Memphis	24	2110CST 2115CST			0 0	0.10K	Hail (1.00)
Fayette County							
Oakland	24	2120CST 2125CST			0 0	10K	Thunderstorm Wind
							Some trees and power lines were knocked down.
Weakley County							
Martin to Dresden	24	2140CST 2150CST			0 0	10K	Thunderstorm Wind
							Several trees were knocked down.
Carroll County							
Mc Kenzie	24	2150CST 2155CST			0 0	5K	Thunderstorm Wind
							A few trees were blown down.
Henry County							
Cottage Grove	24	2150CST 2155CST			0 0	5K	Thunderstorm Wind
							A few trees were knocked down.
Madison County							
Countywide	24	2215CST 2230CST			0 0	10K	Thunderstorm Wind
							Several trees were blown down across the county.
Chester County							
Henderson	24	2230CST 2235CST			0 0	0.01K	Hail (0.75)
Henderson County							
Countywide	24	2240CST 2255CST			0 0	10K	Thunderstorm Wind
							Some trees were knocked down across the county.
Hardin County							
Countywide	24	2245CST 2300CST			0 0	5K	Thunderstorm Wind
							Several large tree limbs were blown down.
Decatur County							
Countywide	24	2300CST 2315CST			0 0	20K	Thunderstorm Wind
							Some trees and power lines were blown down across the county.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>TENNESSEE, West</u>							
Mcnairy County							
Countywide	24	2345CST 2355CST			0 0	10K	Thunderstorm Wind
							Several trees were blown down.
<u>TEXAS, Central</u>							
Fisher County							
11 SW Roby	08	2145CST			0 0	0.50K	Tstm Wind/Hail
							High winds during a thunderstorm ripped large tree limbs off area trees.
Taylor County							
View	08	2300CST			0 0	0.50K	Thunderstorm Wind
							Large tree limbs downed by high winds during a thunderstorm.
Jones County							
Anson	08	2305CST			0 0	1K	Thunderstorm Wind
							Large tree limbs ripped off trees.
Taylor County							
Abilene	08	2310CST			0 0		Thunderstorm Wind (G55) ^M
							Local TV station measured winds to 63 mph.
Runnels County							
Winters	08	2335CST			0 0		Hail (0.75)
Shackelford County							
Albany	08	2350CST			0 0		Thunderstorm Wind (G52)
							Winds estimated at 60 mph in Albany.
Throckmorton County							
3 S Woodson	08	2357CST			0 0		Thunderstorm Wind (G52)
							Winds estimated at 60 mph.
Callahan County							
Cottonwood	09	0002CST			0 0	1K	Thunderstorm Wind (G52)
							Winds estimated at 60 mph downed tree limbs in the southeast section of Callahan County.
Coleman County							
Glen Cove	09	0025CST			0 0		Thunderstorm Wind (G52)
							Winds estimated at 60 mph.
Tom Green County							
San Angelo	15	1809CST			0 0		Hail (0.75)
Nolan County							
Sweetwater	15	1921CST			0 0		Hail (0.75)
							Dime size hail covering the ground.
Kimble County							
Junction	15	2010CST			0 0		Hail (0.75)
Brown County							
5 W Brownwood	24	0830CST			1 0	10K	Thunderstorm Wind
							One man was fatally injured when an apparent downburst flipped his mobile home. M72MH
Brown County							
Brownwood	24	0846CST			0 0	2K	Thunderstorm Wind
							Several homes in Brownwood suffered roof damage when high winds blew through the town. Large tree limbs and power lines were also knocked down.
Coke County							
2 S Robert Lee	27	1730CST			0 0		Hail (0.75)
Coke County							
7 S Robert Lee	27	1735CST			0 0		Hail (1.00)
<u>TEXAS, Central Southeast</u>							
Houston County							
Latexo	26	1315CST			0 0	5K	Hail (1.00)
Austin County							
5 NNE Bellville	26	1430CST			0 0	5K	Hail (1.00)

Storm Data and Unusual Weather Phenomena

February 2001

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

Liberty County

Raywood to Devers	28	0600CST 0615CST			0 0	15K	Thunderstorm Wind
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Trees down between Raywood and Devers along US 90.

TEXAS, Extreme West

NONE REPORTED.

TEXAS, Mid - South

NONE REPORTED.

TEXAS, North

Stephens County

Breckenridge	09	0010CST			0 0	20K	Thunderstorm Wind (G60)
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The roof a church was blown off. Trees were blown down and windows were broken.

Eastland County

Rising Star	09	0045CST			0 0		Thunderstorm Wind (G52)
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Two inch diameter tree limbs were blown down.

Palo Pinto County

Mineral Wells	09	0050CST			0 0	25K	Thunderstorm Wind (G60)
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Trees and power lines were blown down. A mobile home was destroyed, and a barn was heavily damaged.

Palo Pinto County

Santo	09	0050CST			0 0	5K	Thunderstorm Wind (G60)
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A trailer was heavily damaged by high thunderstorm winds.

Parker County

Whitt	09	0050CST			0 0		Hail (0.75)
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Palo Pinto County

5 N Mineral Wells	09	0100CST			0 0	60K	Thunderstorm Wind (G65)
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High thunderstorm winds created a damage path 300 feet wide and 1.5 miles long. This occurred at the intersection of Highways 281 and 254. A mobile home was destroyed and several others were damaged.

Montague County

Nacona	09	0105CST			0 0		Thunderstorm Wind (G52)
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Extensive tree damage occurred on the north side of Lake Nocona at Prairie Valley.

Parker County

Weatherford	09	0115CST			0 0	250K	Thunderstorm Wind (G75)
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A large house under construction at the Canyon West Gold Club, just west of Weatherford, was flattened by high winds. There was major damage to an outdoor pavilion at the golf club as well.

Parker County

Countywide	09	0120CST			0 0	5K	Thunderstorm Wind (G52)
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Numerous reports of trees and power lines down. A barn was destroyed.

Parker County

Reno	09	0120CST			0 0		Thunderstorm Wind (G52)
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Signs, fences and power lines were blown down.

Parker County

Weatherford	09	0120CST			0 0	10K	Thunderstorm Wind (G60)
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The roof of a house was blown off near the downtown area.

Tarrant County

Azle	09	0130CST			0 0	25K	Thunderstorm Wind (G52)
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Strong thunderstorm wind created a damage path 100 feet wide and 3 miles long from Knob Hill Road east to near Eagle Mountain Lake. Numerous trees and power lines were blown down, a tree was blown onto a van, and another tree was blown onto a house.

Wise County

Decatur	09	0130CST			0 0	15K	Thunderstorm Wind (G53) ^M
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Wind gusts to 61 mph were recorded at Decatur High School. Numerous reports of trees and power lines blown down, storage buildings damaged, and damage to roofs. A mobile home was blown over just north of town, and south of town an 18 wheeler was blown off highway 287.

Cooke County

Gainesville	09	0145CST			0 0	25K	Thunderstorm Wind (G52)
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A metal roof was blown off a business into another building. Trees and power lines were blown down.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
TEXAS, North							
Cooke County							
2 S Gainesville	09	0145CST			0 0	50K	Thunderstorm Wind (G75)
29 cars of a Burlington Northern train were blown over by high winds.							
Denton County							
Justin	09	0145CST			0 0	5K	Thunderstorm Wind (G52)
A tree was blown down onto a truck.							
Denton County							
3 N Roanoke	09	0145CST			0 0	15K	Thunderstorm Wind (G52)
A mobile home was unroofed and two barns were destroyed.							
Denton County							
Bolivar	09	0150CST			0 0		Thunderstorm Wind (G52)
Occurred between Bolivar and Krum.							
Denton County							
Krum	09	0150CST			0 0	10K	Thunderstorm Wind (G52)
A mobile home was unroofed between Krum and Ponder.							
Denton County							
Krum	09	0155CST			0 0	25K	Thunderstorm Wind (G52)
Some mobile homes were unroofed and carports blown down.							
Cooke County							
Valley View	09	0200CST			0 0	5K	Thunderstorm Wind (G60)
A 150 foot high grain elevator leg was blown down by high winds							
Denton County							
Denton	09	0200CST			0 0	5K	Thunderstorm Wind (G52)
A mobile home was damaged just east of Denton.							
Denton County							
Ponder	09	0200CST			0 0	10K	Thunderstorm Wind (G52)
Numerous homes reported roof damage.							
Johnson County							
Rio Vista	09	0200CST			0 0	10K	Thunderstorm Wind (G52)
A house was unroofed by high winds just west of town.							
Tarrant County							
Arlington	09	0200CST			0 0	10K	Thunderstorm Wind (G52)
Two exterior stucco walls were blown off an apartment complex on the east side of town.							
Johnson County							
Mansfield	09	0210CST			0 0		Thunderstorm Wind (G52)
A one foot in diameter tree was broken in half by high thunderstorm wind.							
Denton County							
Denton	09	0220CST			0 0	30K	Thunderstorm Wind (G58)
High winds blew down seven utility poles, unroofed a business, did heavy roof damage to a church, damaged the roof of a courthouse, blew down fences and trees, and damaged several schools.							
Ellis County							
Waxahachie	09	0230CST			0 0	5K	Thunderstorm Wind (G52)
A mobile home was unroofed on F.M. 875.							
Grayson County							
Denison	09	0230CST			0 0	15K	Thunderstorm Wind (G52)
The roof of a medical center was damaged. Two nursing homes were also damaged. The reports came from the north part of town.							
Grayson County							
Sherman	09	0230CST			0 0	10K	Thunderstorm Wind (G52)
Power lines were blown down in Sherman, Tioga, and Howe.							
Dallas County							
Dallas	09	0252CST			0 0	5K	Thunderstorm Wind (G59) ^M
Wind gust measured east of White Rock Lake. Numerous trees and carports were damaged.							
Dallas County							
Garland	09	0300CST			0 0		Thunderstorm Wind (G52)
A sign pole was blown down.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
TEXAS, North							
Dallas County							
Mesquite	09	0305CST			0 0		Thunderstorm Wind (G52)
The outer covering of a water trunk was blown away.							
Fannin County							
Countywide	09	0315CST			0 0		Thunderstorm Wind (G52)
Trees and power lines were blown down all across the county.							
Fannin County							
Telephone	09	0315CST			0 2	10K	Thunderstorm Wind (G52)
A mobile home was blown over. Two persons were injured.							
Fannin County							
Countywide	09	0330CST			0 0	5K	Thunderstorm Wind (G52)
A mobile home was blown over, trapping some people. This event occurred in the northern part of the county.							
Fannin County							
Honey Grove	09	0330CST			0 0	5K	Thunderstorm Wind (G52)
The roof of a manufacturing plant was blown off.							
Fannin County							
Ladonia	09	0330CST			0 0	10K	Thunderstorm Wind (G52)
Heavy damage was reported in the town square.							
February 9th - Episode Narrative							
Thunderstorms developed across northern portions of north Texas, generally from the Dallas Fort worth Metroplex northward. The thunderstorms developed ahead of a stalled front. Wind damage was the primary hazard with these storms.							
Tarrant County							
Azle	12	1000CST			0 0		Flash Flood
Several homes were flooded, streets were closed, and one high water rescue was necessary due to high water.							
Tarrant County							
Ft Worth	15	1130CST			0 0	5K	Flash Flood
Heavy rain buckled a drainage pipe and collapsed part of the ceiling at the Osteopathic Medical Center. This heavily damaged several offices.							
Tarrant County							
Ft Worth	15	1130CST			0 0		Flash Flood
A high water rescue was performed at the 4500 block of Bryce Ave.							
Hunt County							
Central Portion	15	1500CST			0 0		Flash Flood
Access roads on Interstate 30 were impassable due to high water.							
Rockwall County							
Central Portion	15	1500CST			0 0		Flash Flood
Access roads on Interstate 30 were impassable due to high water.							
Tarrant County							
Ft Worth	15	1900CST			0 0		Flash Flood
Streets were closed due to high water.							
Hopkins County							
Countywide	15	2000CST			0 0		Flash Flood
	16	1000CST					
Widespread heavy rain caused flooding countywide. A high water rescue was performed near Satillo. Several county and farm to market roads were flooded along with Interstate 30 service roads. The water did not begin receding until Friday morning on the 16th.							
Kaufman County							
Crandall	15	2300CST			0 0		Flash Flood
A bridge was washed out during the night. The washed out bridge stranded 27 families. Time of event is only an estimate.							
Collin County							
Plano	16	0024CST			0 0	750K	Lightning
Lightning started a fire in a church.							
Coryell County							
Pidcoke	16	0119CST			0 0		Hail (0.88)
Dallas County							
Dallas	16	0125CST			0 0		Flash Flood
Streets were closed due to high water.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
TEXAS, North							
Collin County							
Countywide	16	0134CST			0 0		Flash Flood
Numerous county roads were closed due to high water.							
Erath County							
Countywide	16	0230CST			0 0		Flash Flood
Numerous county roads were closed due to high water.							
Johnson County							
Joshua	16	0245CST			0 0		Flash Flood
Several county roads were closed due to high water.							
Parker County							
Whitt	16	0250CST			0 0		Flash Flood
Farm Market 52 near Whitt was closed due to high water.							
Palo Pinto County							
Mineral Wells	16	0300CST			0 0		Flash Flood
Numerous streets were barricaded due to high water.							
Dallas County							
Dallas	16	0349CST			0 0		Flash Flood
Widespread flooding in the northwest part of Dallas. Several people were stranded in cars.							
Collin County							
Countywide	16	0351CST			0 0		Flash Flood
Over 13 county roads were closed by high water.							
Parker County							
7 E Dennis	16	0353CST			0 0		Flash Flood
A county road in Tin Top was closed due to high water.							
Johnson County							
Venus	16	0355CST			0 0		Flash Flood
Water was reported over a bridge. Several county roads were closed.							
Ellis County							
Countywide	16	0430CST			0 0		Flash Flood
Numerous county and farm to market roads were closed due to high water.							
Ellis County							
Palmer	16	0545CST			0 0		Flash Flood
A woman had to be rescued when her car was swept off Palmyra Road, just past a bridge over Red Oak Creek.							
Hunt County							
7 S Caddo Mills	16	0555CST			0 0		Flash Flood
A car was swept off F.M. 1565 south of Highway 276.							
Hunt County							
Greenville	16	0555CST			0 0		Flash Flood
Heavy rain throughout the morning caused widespread flash flooding in Greenville and surrounding areas. Many county and farm to market roads were washed out and numerous high water rescues were necessary.							
Bosque County							
Valley Mills	16	0733CST			0 0		Flash Flood
A high water rescue was performed on the Bosque/McLennan county line. A school bus with 4 persons was stranded in high water.							
Lamar County							
Countywide	16	0800CST 1600CST			0 0		Flash Flood
Schools were closed all day across the county due to high water.							
TXZ117-117-132							
Parker - Somervell							
	16	0820CST 1400CST			0 0		Flood
The Clear Fork of the Trinity River was reported out of its banks.							
Denton County							
Denton	16	0900CST			0 0		Flash Flood
Hickory Creek in south Denton was out of its banks. This covered a bridge over the creek.							
Wise County							
1 N Paradise	16	1215CST			0 0		Flash Flood
A high water rescue was necessary on F.M. 3259 at the Trinity River crossing. Several other roads in the area were closed due to high							

Storm Data and Unusual Weather Phenomena

February 2001

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

water.

February 15-16 Episode Narrative

A large area of rain, with embedded thunderstorms, moved across Texas. This rain was the result of a slow moving storm system that affected the region. The rain was widespread and heavy at times. Numerous reports of flash flooding were received, especially from the Dallas Fort Worth Metroplex northward.

Denton County

Denton	23	1800CST 2100CST			0	0	Flash Flood
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Heavy rain caused street flooding with numerous high water rescues.

Parker County

7 E Dennis	23	2020CST			0	0	Flash Flood
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Water was reported over the roads in Tin Top.

Parker County

Weatherford	23	2020CST			0	0	Flash Flood
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Street flooding was reported in town.

Parker County

6 S Weatherford	23	2020CST			0	0	Flash Flood
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Water was reported over the roads in the town of Harmony.

Young County

Olney	24	0815CST			0	0	Hail (1.00)
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Jack County

10 NE Jacksboro	24	0845CST			0	0	1K Thunderstorm Wind
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A 50 foot radio tower was blown down.

Comanche County

De Leon	24	0920CST			0	0	2K Thunderstorm Wind (G52)
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Utility poles were blown down.

Erath County

Stephenville	24	0920CST			0	0	2K Thunderstorm Wind (G52)
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Trees and power lines were blown down. A travel trailer was flipped over.

Montague County

8 SW Forestburg	24	0930CST			0	0	Thunderstorm Wind (G61)
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Estimated wind speed from law enforcement.

Palo Pinto County

Central Portion	24	0937CST			0	0	10K Thunderstorm Wind
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Power lines were blown down and two barns were blown down in the north central part of the county.

Wise County

Alvord	24	0950CST			0	0	2K Thunderstorm Wind
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A storage building was blown over. Trees were blown down.

Wise County

Bridgeport	24	0950CST			0	0	15K Thunderstorm Wind
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A house was unroofed by high winds.

Cooke County

8 N Muenster	24	0958CST			0	0	Thunderstorm Wind (G52)
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Power lines were blown down.

Cooke County

1 SW Rosston	24	0958CST			0	0	10K Thunderstorm Wind
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Power lines and outbuildings were blown down. Houses were unroofed.

Parker County

Springtown	24	1000CST			0	0	5K Thunderstorm Wind
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A barn was blown down.

Tarrant County

Ft Worth	24	1005CST			0	0	15K Thunderstorm Wind
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Some apartments were unroofed in the west part of town, south of Interstate 30. Windows were blown out of a fire department building.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
TEXAS, North							
Cooke County							
1 E Muenster	24	1007CST			0 0		Thunderstorm Wind (G52)
							Power lines were blown down.
Tarrant County							
2 NE Haslet	24	1007CST			0 0		Thunderstorm Wind (G61) ^M
							Measured at Ft. Worth Alliance Airport.
Tarrant County							
Saginaw	24	1010CST			0 0	50K	Thunderstorm Wind
							Considerable roof damage, fences blown down and outbuildings were destroyed.
Denton County							
Sanger	24	1015CST			0 0	75K	Thunderstorm Wind (G60)
							A motor home was blown over. A barbeque store was unroofed and trees and power lines were blown down. Damage was scattered over a 5 mile area, including major damage to 5 homes.
Tarrant County							
Benbrook	24	1015CST			0 0	75K	Thunderstorm Wind
							One house was destroyed and several homes were unroofed by high thunderstorm winds.
Tarrant County							
Ft Worth	24	1015CST			0 0	25K	Thunderstorm Wind
							A mobile home was blown over and several homes were unroofed.
Tarrant County							
Ft Worth Meecham Arp	24	1015CST			0 0	150K	Thunderstorm Wind
							Hangar damage occurred. A plane flipped onto another plane.
Tarrant County							
North Richland Hills	24	1015CST			0 0	10K	Thunderstorm Wind
							Trees and fences were blown down and shingles were blown off roofs.
Cooke County							
Callisburg	24	1020CST			0 0	40K	Thunderstorm Wind
							An agricultural building was unroofed. Widespread reports of damage to roofs, outbuildings, fences, trees, and utility poles.
Dallas County							
(Dfw)Dallas-Ft Worth	24	1028CST			0 0		Thunderstorm Wind (G67) ^M
							Measured at the D/FW airport.
Denton County							
Carrollton	24	1030CST			0 0	30K	Thunderstorm Wind
							Wind damage occurred to approximately 6 houses. Most of the damage was to the roofs. Trees, signs, Trees, signs, and fences were also blown down.
Denton County							
Lewisville	24	1030CST			0 0		Thunderstorm Wind (G52)
							Interstate 35 was closed for a while due to downed power lines.
Tarrant County							
Arlington	24	1030CST			0 0	5K	Thunderstorm Wind (G60)
							A motel was unroofed by high winds. Large signs were blown down.
Grayson County							
Countywide	24	1040CST			0 0	5K	Thunderstorm Wind
							Trees, signs, and power lines were blown down all across the county.
Grayson County							
1 N Pottsboro	24	1040CST			0 0	5K	Thunderstorm Wind
							A tin roof was blown off a building.
Grayson County							
Tioga	24	1040CST			0 0	1K	Thunderstorm Wind
							A storage shed was blown off its foundation.
Hunt County							
Greenville	24	1115CST			0 0	5K	Thunderstorm Wind
							A roof was damaged by high winds.
Collin County							
1 S Princeton	24	1120CST			0 0	50K	Thunderstorm Wind
							A shed and a mobile home were destroyed by high winds.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
TEXAS, North							
Dallas County							
Sachse	24	1125CST			0 0	20K	Thunderstorm Wind
A barn and a house were unroofed between Sachse and Wylie.							
Ellis County							
Waxahachie	24	1130CST			0 0	2K	Thunderstorm Wind
A lumber yard reported wind damage.							
Fannin County							
1 N Bonham	24	1141CST			0 0		Thunderstorm Wind (G52)
A tree was blown down by high winds.							
Lamar County							
Georgia	24	1230CST			0 0	25K	Thunderstorm Wind
A barn was blown down, some carports were blown down, and several homes were unroofed.							

February 23,24 - Episode Narrative

Another slow moving storm system brought copious amounts of rain to north Texas and more flash flooding. A stalled boundary helped focus the rain across north Texas, and many reports of flooding were received.

The same stalled boundary from the 23rd, together with a nocturnal low level jet stream, allowed for thunderstorm development, mainly north and west of a Goldthwaite, Hillsboro, Canton line. These thunderstorms left additional outflow boundaries which developed more thunderstorms. Due to the cold air aloft, hail and damaging winds were the main events. During the morning hours of the 24th, a supercell thunderstorm moved from Northern Dallas County to Fannin County bringing heavy rain, hail, and strong wind. Additionally, a squall line developed and moved across North Texas bringing mainly wind to the area. Across the Dallas/Fort Worth metroplex, some wind gusts included: DFW Airport, a wind gust to 67 kts, with Alliance Airport in Fort Worth recording a wind gust of 61 kts. Other reports included 32 kts at Dallas Love Field, 45 kts at Fort Worth Meacham Airport, 48 kts at Mineral Wells, 35 kts at Denton Airport and 33 kts at McKinney. Numerous reports of downed power lines, roof and structure damage were received as a result of the strong winds over the area.

Dallas County							
Highland Park	27	0240CST			0 0		Hail (1.00)
Van Zandt County							
1 S Canton	27	0335CST			0 0		Hail (1.25)
Van Zandt County							
Edgewood	27	0335CST			0 0		Hail (0.75)
Tarrant County							
Ft Worth	27	1535CST			0 0		Flash Flood
Vehicles flooded and stalled on North 28th Street.							
Tarrant County							
Ft Worth	27	1600CST			0 0		Flash Flood
Vickery Blvd. was impassable in 3 of 4 lanes.							
Ellis County							
Waxahachie	27	1700CST			0 0		Flash Flood
Twelve streets were closed and one bridge washed out due to high water.							
Dallas County							
Dallas	27	1720CST			0 0		Flash Flood
Several intersections in Dallas flooded.							
Fannin County							
Countywide	27	1825CST			0 0		Flash Flood
Farm Market 409 flooded in the northwest part of the county.							
Delta County							
Countywide	27	1930CST			0 0		Flash Flood
Several roads flooded across the county.							
Dallas County							
Dallas	28	1243CST			0 0		Hail (0.75)
Fannin County							
Bonham	28	1500CST			0 0		Flash Flood
Several bridges washed out and some roads were flooded.							

Storm Data and Unusual Weather Phenomena

February 2001

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

February 27-28 Episode Narrative

Shows and thunderstorms developed mainly north and east of the Dallas Fort Worth Metroplex, exacerbating the flooding potential on already wet ground.

TEXAS, North Panhandle

Potter County

2 W Amarillo to 2.5 W Amarillo	24	0037CST			0 0	8K	Thunderstorm Wind (G61)
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Reports of parts of a roof blown off...several street signs blown down...a large tree blown over...a brick fence blown over...a shed blown into a yard...and several car windows blown out.

Armstrong County

13 NE Wayside	24	0048CST			0 0		Thunderstorm Wind (G61)
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Potter County

4 NE Amarillo to 5 NE Amarillo	24	1515CST			0 0	6K	Thunderstorm Wind (G61)
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Reports of a fifth wheel trailer blown over and another small trailer along with fences blown down. Severe thunderstorms developed during the late night and afternoon hours over the southern Texas panhandle with reports of damaging winds.

TEXAS, Northeast

TXZ124-137

Wood - Gregg

14	0145CST			0 0	266K	Flood
28	2359CST					

Excessive and prolonged heavy rains fell across the upper Sabine River Basin. The Sabine River from Hawkins, Gladewater, and through Longview in Texas, crested at the highest stages since the May floods of 1990. In Hawkins Texas, the Sabine River crested at 33.9 feet on the 20th. Near Gladewater, the river crested at 37.1 feet on the 21st. Near Longview, the river crested at 33.9 feet on the 25th.

TXZ136

Smith

16	0620CST			0 0		Flood
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High water flowing over a bridge on CR 452 closing the road.

Upshur County

Gilmer

16	0620CST			0 0		Flash Flood
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FM 2088, 200, 555 closed due to high water and flash flooding.

Wood County

Quitman

16	0620CST			0 0		Flash Flood
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FM 2966, 312, 779 closed due to flooding and flash flooding.

Camp County

Pittsburg

16	0630CST			0 0		Flash Flood
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Hwy 271, 155, and FM 1519 closed or partially closed by flooding and flash flooding.

Titus County

Mt Pleasant

16	0630CST			0 0		Flash Flood
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FM 127 and 1402 closed for flooding and flash flooding.

Franklin County

Mt Vernon

16	0645CST			0 0		Flash Flood
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I-30 Service roads closed from the western county line to mile marker 145. High water over FM 3122 and numerous secondary roads flooded.

Morris County

Omaha

16	0700CST			0 0		Flash Flood
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FM 144N closed due to flooding and flash flooding.

Red River County

Avery

16	0715CST			0 0		Flash Flood
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FM 911 closed due to high water from flooding.

Gregg County

Kilgore

16	0715CST			0 0		Flash Flood
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Hwy 135 closed just north of Kilgore due to high water from flooding and flash flooding.

TXZ124

Wood

16	0715CST			0 0	12K	Flood
25	0345CST					

Excessive and prolonged rain occurred across the Lake Fork in Wood County, Texas, resulting in a new lake pool stage record. The lake rose and crested at 405.20 feet reported at 1930 CST on the 16th. The previous record was 405.15 feet set on May 4th 1990.

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>TEXAS, Northeast</u>							
TXZ112		Cass					
	16	0730CST			0 0		Flood
	Hwy 11 closed at Black Cypress Creek due to flooding over the road.						
TXZ097		Bowie					
	16	0740CST			0 0		Flood
	High water over FM 989, Hwy 82 in Hooks, and Hwy 82W at Wagner Creek.						
TXZ126-138		Marion - Harrison					
	17	0001CST			0 0	425K	Flood
	28	2359CST					
	Excessive and prolonged heavy rains fell across the Caddo Lake basin. Caddo Lake rose and crested at a stage of 174.9 feet on the 22nd. The lake remained above the 172 foot flood stage at months end. Up to 100 homes in the Karnack, Uncertain, and Cypress Village areas in reported overflow from the high lake levels with one to two feet of water in them.						
TXZ125		Upshur					
	24	1450CST			0 0	12K	High Wind (G45) ^M
	House and barn damaged by high winds ahead of a cold front in East Mountain.						
Nacogdoches County							
2 W Douglass	26	1930CST			0 0		Flash Flood
	Flooding across Hwy 21.						
Nacogdoches County							
3 E Nacogdoches	26	2030CST			0 0		Flash Flood
	Flooding across CR 302 closing the road to travel.						
Nacogdoches County							
Nacogdoches	26	2055CST			0 0		Flash Flood
	Water up to the doors of cars on Pecan Street. Several roads closed in town.						
Wood County							
Mineola	27	0415CST			0 0		Hail (1.00)
Harrison County							
Harleton	27	0545CST			0 0		Hail (0.75)
Marion County							
10 W Jefferson	27	0558CST			0 0		Hail (1.75)
Bowie County							
New Boston	27	1610CST			0 0		Flash Flood
	Evacuations were required at Wake Village as flash flooding inundated homes and closed roads.						
Cass County							
Atlanta	27	2145CST			0 0		Flash Flood
	Numerous roads underwater with some roads impassable.						
Titus County							
Mt Pleasant	27	2145CST			0 0		Flash Flood
	Numerous roads underwater with FM127 closed 2 miles south of Mt. Pleasant.						
<u>TEXAS, South</u>							
TXZ248>255		Zapata - Jim Hogg - Brooks - Kenedy - Starr - Hidalgo - Willacy - Cameron					
	01	0000CST			0 0		Drought
	28	0000CST					
	A moderate drought continued for all of deep south Texas although some beneficial rains fell in the early part of the month. Monthly average departures ranged between a half inch to an inch below normal across the Valley. Mc Allen had the largest departure of 2.64 inches below normal. The National Weather Service in Brownsville has accumulated a 20 inch deficit over the 3 year period of 1998 to 2000.						
<u>TEXAS, South Central</u>							
Val Verde County							
Comstock	15	2040CST 2050CST			0 0	0	Hail (1.00)
Val Verde County							
Loma Alta	15	2100CST 2125CST			0 0	0	Hail (1.75)
Val Verde County							
Del Rio	15	2225CST 2235CST			0 0	0	Hail (1.00)

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
<u>TEXAS, South Central</u>							
Edwards County							
Rocks Spgs	15	2130CST 2145CST			0 0	0	Hail (1.75)
Edwards County							
Rocks Spgs	15	2230CST 2240CST			0 0	0	Hail (1.00)
Uvalde County							
Uvalde	15	2300CST 2315CST			0 0	0	Hail (2.50)
Uvalde County							
Uvalde	15	2330CST 2345CST			0 0	40K 0	Thunderstorm Wind
Severe thunderstorm winds struck near Uvalde, destroying two mobile homes and knocking down several trees and utility poles.							
Real County							
Leakey	15	2320CST 2340CST			0 0	0	Hail (1.75)
<u>TEXAS, South Panhandle</u>							
Parmer County							
Farwell	08	1535CST			0 0		Hail (0.75)
Lamb County							
8 N Olton	08	1820CST			0 0	5K	Thunderstorm Wind (G70)
Strong thunderstorm wind snapped or uprooted at least a dozen trees, destroyed a radio antenna, and damaged the roof of a house. A NWS survey determined that wind speeds associated with the damage were about 70 mph.							
Swisher County							
Tulia	08	1905CST			0 0	20K	Hail (1.75)
The Swisher County Sheriff's office reported dime to golfball size hail in town.							
Hale County							
Plainview	08	1930CST			0 0	3K	Thunderstorm Wind
Strong thunderstorm wind blew down power lines in town.							
Lubbock County							
Lubbock	08	1940CST			0 0		Hail (0.75)
Garza County							
12 W Post	24	0009CST			0 0		Hail (0.88)
Garza County							
7 E Post	24	0053CST			0 0		Hail (0.88)
Garza County							
5 W Post	24	0125CST			0 0		Hail (1.00)
Dickens County							
Spur	24	0140CST			0 0		Hail (0.88)
TXZ021>041							
Parmer - Castro - Swisher - Briscoe - Hall - Childress - Bailey - Lamb - Hale - Floyd - Motley - Cottle - Cochran - Hockley - Lubbock - Crosby - Dickens - King - Yoakum - Terry - Lynn							
	24	1100CST 1700CST			0 0	10K	High Wind
A strong pacific cold front moved through West Texas during the morning of the 24th. The dry atmosphere behind the front was mixed to at least 15,000 feet during the day allowing high momentum air above the surface to mix to the ground. Sustained wind of 40 to 50 mph developed on the Caprock during the late morning and off the Caprock during the early afternoon. The wind gusted to near 60 mph across the South Plains with the TXDOT observation site at Hart reporting a 58 mph gust and the site in Progress reporting a 63 mph gust. Minor damage was reported from Lubbock northward with signs and power lines blown down in several areas. In addition, two tractor trailers were blown over on I-27 in Tulia with no injuries reported. Blowing dust reduced visibilities to less than one mile across the South Plains and extreme southern Texas Panhandle.							
<u>TEXAS, Southeast</u>							
Jefferson County							
Nome	28	0630CST			0 0	25K	Thunderstorm Wind
Fire department reported trees blown down, and roof damage to one home after a severe thunderstorm passed through Nome.							

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
TEXAS, West							
Midland County							
Midland	08	2013CST			0 0		Hail (0.75)
Howard County							
Big Spring	08	2109CST			0 0		Hail (0.75)
Scurry County							
Snyder	08	2121CST			0 0	20K	Thunderstorm Wind
High winds produced by a severe thunderstorm resulted in the roof blowing off a 30' X 70' commercial building and then landing on two parked cars in an adjacent parking lot.							
Scurry County							
Snyder	08	2124CST			0 0		Hail (0.88)
A line of strong to severe thunderstorms moved across portions of the Texas Permian Basin during the evening of February 8.							
TEXAS, Western North							
Knox County							
Knox City	08	2225CST 2240CST			0 0	0.50K	Thunderstorm Wind
Power lines were downed.							
Baylor County							
Mabelle	08	2325CST			0 0	0.50K	Thunderstorm Wind (G61)
Shingles were blown off a roof.							
Wichita County							
(Sps)Sheppard Afb	08	2353CST			0 0		Thunderstorm Wind (G50) ^M
TXZ085>086-088>090 Wilbarger - Wichita - Baylor - Archer - Clay							
	15	1030CST			0 0		Freezing Rain
	16	0900CST					
Periods of freezing rain fell across portions of western north Texas from the morning of the 15th through mid-morning of the 16th. Many locations received one to two tenths of an inch of ice, resulting in numerous traffic accidents.							
Archer County							
4 W Windthorst	24	0822CST			0 0		Hail (0.75)
TXZ083>090 Hardeman - Foard - Wilbarger - Wichita - Knox - Baylor - Archer - Clay							
	24	1700CST 2000CST			0 0		Blowing Dust
Dust originating from eastern New Mexico and southwest Texas blew across the area and was accompanied by wind gusts to 50 mph. Visibilities were occasionally reduced to less than 3 miles.							
UTAH, East							
NONE REPORTED.							
UTAH, West and Central							
UTZ002>003-006>008 Northern Wasatch Front/Brigham City/Ogden Bountiful - Salt Lake And Toole Valleys - Wasatch Mountain Valleys/Huntsville/Park City/Heber - Wasatch Mountains I80 North - Wasatch Mountains South Of I80							
	07	1300MST			0 0	0 0	Heavy Snow
	08	1500MST					
Heavy snow fell along the Wasatch Front with amounts generally in the 4-8 inch range in the valleys and benches, with 8-14 inches in the mountains.							
UTZ002>003-006>008 Northern Wasatch Front/Brigham City/Ogden Bountiful - Salt Lake And Toole Valleys - Wasatch Mountain Valleys/Huntsville/Park City/Heber - Wasatch Mountains I80 North - Wasatch Mountains South Of I80							
	11	0800MST 1200MST			0 0	0 0	Heavy Snow
Another storm brought heavy snow to the Wasatch Front. Amounts ranged from 3-6 inches in the valleys and benches, to 10-16 inches in the mountains.							
UTZ017 Central And Southwest Mountains							
	13	2100MST			0 0	0 0	Heavy Snow
	14	1400MST					
Heavy snow pounded the southern part of the state, with 10-20 inches quite common in the mountains. Brian Head received 25-35 inches of fresh powder.							

Storm Data and Unusual Weather Phenomena

February 2001

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

UTZ002>004-006>008 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

23	1100MST				0	0	0	0	Heavy Snow
24	0800MST								

A band of heavy snow stalled over Northern Utah, bringing copious amounts of snow to the Wasatch Front. Some mountain totals included 30 inches at Alta, 29 inches at Snowbird, 22 inches at Powder Mountain, and 21 inches at Snowbasin. In the lower elevations, Kearns reported 13 inches of snow, East Layton and South Ogden received 12 inches, and North Salt Lake checked in with 11 inches.

UTZ008

Wasatch Mountains South Of I80

27	1300MST				1	0	0	0	Avalanche
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A 43-year-old woman from New Hampshire was killed in an avalanche while skiing the backcountry of The Canyons Ski Resort. The avalanche occurred on Square Top Mountain as the woman was skiing with 5 others, but none of them were injured.

F43OU

UTZ017

Central And Southwest Mountains

27	1400MST				0	0	0	0	Heavy Snow
	2200MST								

More snow fell in Southern Utah, with Midway Valley collecting 15 inches of powder. Some other snow amounts included 12 inches at Agua Canyon, 8 inches in Teasdale, 7 inches in Cedar City, and 6 inches in Escalante and Capitol Reef.

UTZ002

Northern Wasatch Front/Brigham City/Ogden Bountiful

28	0300MST				0	0	0	0	High Wind (G59) ^M
	0900MST								

Strong canyon winds blew along portions of the Wasatch Front. The highest gusts reported were 68mph (59kts) at Hill AFB, and 59mph (51kts) on the Bountiful bench.

VERMONT, North and Central

VTZ011>012

Rutland - Windsor

05	1700EST				0	0	150K		Winter Storm
06	0245EST								

A storm system developed off the coast of Virginia early Monday, February 5, 2001 and moved northeast . It moved across extreme southeast coastal New England late Monday night and into the Gulf of Maine early Tuesday, February 6th. Steady snow spread across the area during the morning and was heavy at times in the afternoon of Monday, February 5th and continued overnight. The snow tapered off to flurries early Tuesday morning, February 6th. Some automobile accidents reported. Across the counties, generally between 8 and 21 inches fell with the heaviest over and east of the mountains. In Windsor county, Springfield reported a total of 21 inches while in Rutland county, East Wallingford reported 10 inches.

VTZ004

Essex

05	2300EST				1	0	75K		Winter Storm
06	0245EST								

A storm system developed off the coast of Virginia early Monday, February 5, 2001 and moved northeast . It moved across extreme southeast coastal New England late Monday night and into the Gulf of Maine early Tuesday, February 6th. Steady snow spread across the area by the afternoon of Monday, February 5th and continued overnight and was heavy at times. The snow tapered off to flurries Tuesday morning, February 6th. A woman was killed in an automobile accident with a snowplow near the Village of Lunenburg. Otherwise there were some accidents reported. A barn roof collapsed near the Town of Norton, apparently due to the weight of the snow after the storm ended. Across the county, generally 12 to 16 inches of snow fell, with Island Pond reporting 16 inches. F46VE

VTZ003-007-010

Orleans - Caledonia - Orange

05	2300EST				0	0	225K		Winter Storm
06	0245EST								

A storm system developed off the coast of Virginia early Monday, February 5, 2001 and moved northeast . It moved across extreme southeast coastal New England late Monday night and into the Gulf of Maine early Tuesday, February 6th. Steady snow spread across the area by the afternoon of Monday, February 5th and continued overnight and was heavy at times. The snow tapered off to flurries Tuesday morning, February 6th. Some minor automobile accidents were reported. Barn roofs collapsed in the Towns of Craftsbury and Holland (Orleans county), apparently due to the weight of the snow after the storm ended. Across the counties, generally 10 to 14 inches of snow fell, with Sutton (Caledonia county) reporting 14.4 inches, Chelsea (Orange county) with 12 inches, and Greensboro (Orleans county) with 10 inches.

VTZ005>006-008

Chittenden - Lamoille - Washington

05	2300EST				0	0	150K		Winter Storm
06	0245EST								

A storm system developed off the coast of Virginia early Monday, February 5, 2001 and moved northeast . It moved across extreme southeast coastal New England late Monday night and into the Gulf of Maine early Tuesday, February 6th. Steady snow spread across the area by the afternoon of Monday, February 5th and continued overnight and was heavy at times. The snow tapered off to flurries Tuesday morning, February 6th. Some automobile accidents were reported. Across the counties, generally 6 to 9 inches of snow fell, with Plainfield (Washington county) reporting 9 inches, the NWS Office in South Burlington (Chittenden county) with 7.5 inches, and Eden (Lamoille county) with 7.4 inches.

Storm Data and Unusual Weather Phenomena

February 2001

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

VTZ001>002

Grand Isle - Franklin

05	2300EST				0	0	20K	Light Snow
06	0245EST							

A storm system developed off the coast of Virginia early Monday, February 5, 2001 and moved northeast . It moved across extreme southeast coastal New England late Monday night and into the Gulf of Maine early Tuesday, February 6th. Steady snow spread across the area during the afternoon and evening hours of Monday, February 5th, with the heavier snow later Monday night before it tapered off to flurries early Tuesday, February 6th. Across the counties, generally 4 to 6 inches of snow fell.

**VTZ001>004-
006>008-010-012**

Grand Isle - Franklin - Orleans - Essex - Lamoille - Caledonia - Washington - Orange - Windsor

09	0100EST 1100EST				0	0	135K	Mixed Precipitation
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A storm system moved from the Great Lakes region Friday, February 8th and into Canada Friday night. Mixed precipitation spread across the area with generally less than 2 inches of snow. Roads became slippery with numerous minor accidents reported. Northern portions of I-89 and I-91 were closed at times.

VTZ002

Franklin

10	0600EST 0900EST				0	0	1K	High Wind (G64) ^M
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A strong storm system moved across the Canadian Province of Quebec Friday night, February 9th and Saturday, February 10th. The associated cold front was accompanied and followed by very windy conditions. In the town of Sheldon Springs, winds were measured at 74 mph (64 knots) around 605 AM Saturday.

VTZ005

Chittenden

10	0630EST 0900EST				0	1	50K	High Wind
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A strong storm system moved across the Canadian Province of Quebec Friday night, February 9th and Saturday, February 10th. The associated cold front was accompanied and followed by very windy conditions. In the town of Milton, a tree was uprooted by the wind and destroyed a car injuring the driver. This incident occurred around 7 AM. Winds also blew down scaffolding in the town of Williston. Trees and power lines were blown down in Charlotte around 830 AM with power outages reported.

VTZ008

Washington

10	0730EST 0930EST				0	0	10K	High Wind
----	--------------------	--	--	--	---	---	-----	-----------

A strong storm system moved across the Canadian Province of Quebec Friday night, February 9th and Saturday, February 10th. The associated cold front was accompanied and followed by very windy conditions. Trees and power lines were blown down with power outages in the towns of Marshfield, Plainfield, Worcester, Barre and Montpelier.

VTZ001

Grand Isle

10	0800EST 1000EST				0	0	10K	High Wind
----	--------------------	--	--	--	---	---	-----	-----------

A strong storm system moved across the Canadian Province of Quebec Friday night, February 9th and Saturday, February 10th. The associated cold front was accompanied and followed by very windy conditions. In the town of Alburg, trees and power lines were blown down around 9 AM.

VTZ009

Addison

10	0900EST 1200EST				0	0	10K	High Wind
----	--------------------	--	--	--	---	---	-----	-----------

A strong storm system moved across the Canadian Province of Quebec Friday night, February 9th and Saturday, February 10th. The associated cold front was accompanied and followed by very windy conditions. In the town of Bristol, trees were blown down around 930 AM and in Ferrisburg, power lines were blown down at 1130 AM.

**VTZ003>004-
006>008-010**

Orleans - Essex - Lamoille - Caledonia - Washington - Orange

14	0600EST 2330EST				0	0	60K	Light Snow
----	--------------------	--	--	--	---	---	-----	------------

A storm system moved from the Great Lakes region early Wednesday, February 14th into the Gulf of Maine late Wednesday night (2/14/01) and early Thursday (2/15/01). Light snow accumulated to between 3 and 6 inches...with some sleet and freezing rain mixed in at times. A few reports were: Eden (Lamoille county) 6 inches, Topsham (Orange county) 5 inches and Worcester (Washington county) with 5 inches.

VTZ012

Windsor

14	0600EST 1800EST				0	0	20K	Light Freezing Rain
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A storm system moved from the Great Lakes region early Wednesday, February 14th into the Gulf of Maine late Wednesday night (2/14/01) and early Thursday (2/15/01). Light snow quickly changed to freezing rain and eventually just rain later in the day and evening. A number of minor accidents were reported with the slippery roads.

Storm Data and Unusual Weather Phenomena

February 2001

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

VTZ001>012

Grand Isle - Franklin - Orleans - Essex - Chittenden - Lamoille - Caledonia - Washington - Addison - Orange - Rutland - Windsor

25	0400EST 1400EST				0	0	60K	Mixed Precipitation
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A storm system moved from the northern Great Lakes into and across southern Canada during Sunday, February 25th. Snow spread across the area during the early morning then mixed with and changed to sleet, freezing rain and just plain rain. Roads did become icy after between 1 and 3 inches of snow generally fell...with a few higher amounts.

VERMONT, South

VTZ013>014

Bennington - Windham

05	1400EST				0	0		Winter Storm
06	0100EST							

Two areas of low pressure, one centered over the Ohio valley and the other over Florida, merged into one storm off the North Carolina coast by early February 5th. This potent storm further intensified as it moved up the eastern seaboard to become the season's second major nor'easter. The low center was to the east of Cape Cod by the early morning hours of the 6th. The air was cold enough for all snow across southern Vermont. A swath of heavy snowfall, accumulating of a foot or more fell across the region with the heaviest amounts reported in Windham county.

In Bennington county, specific accumulations included 12 inches in the city of Bennington, 14 at Pownal Center and 9.6 in Sunderland.

In Windham county, 15 inches of snow accumulated at Ball Mountain, 19 at Townshend Lake and 21 at West Wardsboro.

Besides the usual school and some business closings, there were no unusual problems reported to the National Weather Service with this storm. Temperatures rising above the freezing the following day made for an easier snow removal.

VTZ014

Windham

25	0700EST 1600EST				0	0		Winter Storm
----	--------------------	--	--	--	---	---	--	--------------

A deep low pressure system tracked northward from the southern plains to the western Great Lakes on February 25. A strong southerly flow ahead of this system brought a deep layer of moisture to southern Vermont. Warm air was forced up over the cold air near the ground, which resulted in a potpourri of wintry precipitation. A mixture of snow, sleet and freezing rain fell across Windham county. The combination of the three produced a significant amount of wintry precipitation. 0.78 inches of melted liquid equivalent fell at Townsend. The mix produced 1.5 inches of snow, 2 inches of sleet and a glaze of ice one eighth of one inch thick.

There were no problems reported to the National Weather Service as a result of this winter storm.

VIRGIN ISLANDS

St. Croix County

St. Croix

11	0000AST				0	0		Strong Winds
12	0000AST							

A strong high pressure system centered north of the area produced locally breezy conditions across the U.S.V.I. A spotter in St. Croix reported winds gusts reaching 52 mph at Maria Hill. Winds blew patio furniture and downed small trees.

St. Thomas/St. John & Islands County

St. Thomas

16	1445AST 1450AST				0	0		Funnel Cloud
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The St. Thomas Airport Tower reported a distant funnel cloud over waters south of the airport.

VIRGINIA, East

VAZ048>049-062>064 Fluvanna - Louisa - Goochland - Hanover - Caroline

22	1000EST 1700EST				0	0		Winter Storm
----	--------------------	--	--	--	---	---	--	--------------

A winter storm produced 3 to 5 inches of snow across the piedmont of central Virginia. Local law enforcement agencies reported numerous accidents, several of which involved injuries. Schools were dismissed early on the day of the storm, and most, if not all schools in the area were closed the following day due to slippery road conditions. One accident included a 70-vehicle crash on a quarter-mile stretch of I-95 near Ashland, which severely injured a jail guard and caused lesser injuries to several other people. Also, there were several multicar crashes on I-64, including a 20-car pileup in Goochland county that killed one person.

VAZ060>061-

065>071-078>094-099

Prince Edward - Cumberland - Mecklenburg - Lunenburg - Nottoway - Amelia - Powhatan - Chesterfield - Henrico - Lancaster - Brunswick - Dinwiddie - Prince George - Charles City - Gloucester - Middlesex - Mathews - Greensville - Sussex - Surry - James City - York - Southampton - Isle Of Wight - Newport News - Accomack

22	1000EST 1900EST				0	0		Winter Storm
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A winter storm produced 1 to 4 inches of snow across southcentral and eastern Virginia. The higher amounts of snow (3 to 4 inches) generally occurred along a band which extended from Farmville to Richmond City to Kilmarnock (in Lancaster county). Local law enforcement agencies reported numerous accidents, some of which involved injuries. Many schools were dismissed early on the day of the storm, and several schools in the area were either closed or had a delayed opening the following day due to slippery road conditions.

Storm Data and Unusual Weather Phenomena

February 2001

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

VAZ072>077

King William - King And Queen - Essex - Westmoreland - Richmond - Northumberland

22 1100EST 1900EST 0 0 Winter Storm

A winter storm produced 5 to 6 inches of snow across the Virginia northern neck and the interior middle peninsula. Some specific snow totals included: Aylett in King William county 5", Newtown in King and Queen county 5", Newland in Richmond county 5", Montross in Westmoreland county 6", and Heathsville in Northumberland county 5". Local law enforcement agencies reported numerous accidents, some of which involved injuries. Schools were dismissed early on the day of the storm, and most, if not all schools in the area were closed the following day due to slippery road conditions.

VIRGINIA, Extreme Southwest

NONE REPORTED.

VIRGINIA, North

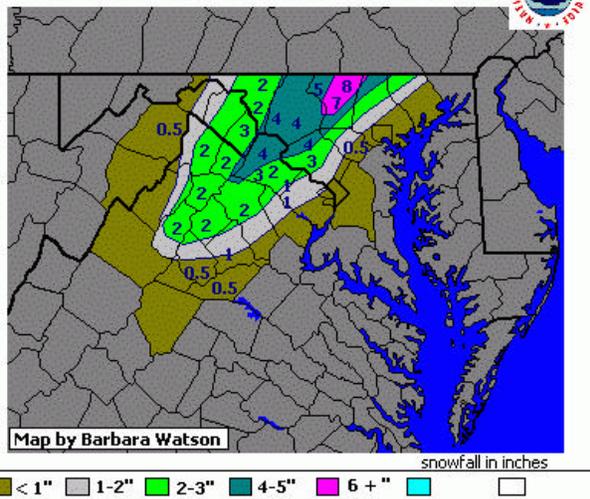
VAZ028>031-

040>041-052>053

Frederick - Page - Warren - Clarke - Rappahannock - Fauquier - Prince William - Fairfax

05 0000EST 1200EST 0 0 Winter Weather

Storm Totals February 5, 2001



Storm Total Snowfall from February 5, 2001 (in inches)

VAZ042

Loudoun

05 0000EST 1200EST 0 0 Winter Storm

Low pressure moved from the North Carolina coast to the Jersey Shore on the 5th and brought rain and snow to the Mid-Atlantic region between midnight and noon. Temperatures were cold enough across extreme Northern Virginia for the precipitation to fall mainly as snow. The heaviest snow fell near the ridges of western Loudoun County where up to 5 inches was recorded. A handful of weather related traffic accidents were reported by Loudoun County officials. Surrounding counties reported between 1 and 3 inches of accumulation by noon. South of a line from Luray to Manassas a rain/snow mix was reported which resulted in little or no accumulation.

VAZ027>028-031-042-053>054

Shenandoah - Frederick - Clarke - Loudoun - Fairfax - Arlington
09 2000EST 10 1200EST 0 0 Strong Wind

A strong cold front crossed the Mid Atlantic region during the morning of the 10th. Ahead of the front, southwest winds of 15 to 25 MPH gusted to 35 MPH. Behind the front, winds shifted to the northwest at 20 to 30 MPH and gusted up to 50 MPH. A wind gust of 51 MPH was recorded at Washington Reagan National Airport in Arlington County. Across Fairfax County, wind gusts included 44 MPH in Herndon and 40 MPH in Falls Church. Measured wind gusts in Loudoun County included 45 MPH at Dulles International Airport and 44 MPH at Leesburg. Winds gusted to 47 MPH at the Winchester Regional Airport in Frederick County and 43 MPH at New Market in Shenandoah County.

Storm Data and Unusual Weather Phenomena

February 2001

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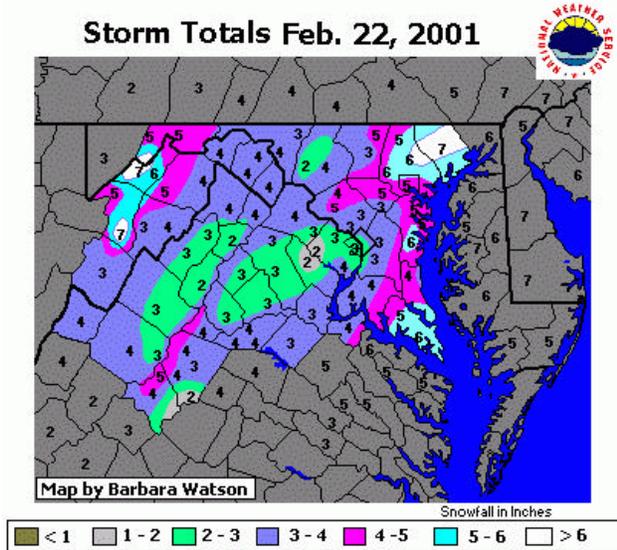
VIRGINIA, North

VAZ021-025>031-038>042-051-054

Highland - Augusta - Rockingham - Shenandoah - Frederick - Page - Warren - Clarke - Greene - Madison - Rappahannock - Fauquier - Loudoun - Culpeper - Arlington

22 0900EST 2200EST 0 0 Winter Weather

Storm Totals Feb. 22, 2001



VAZ036>037-050-052>053-055>057

Storm Total Snowfall from February 22, 2001 (in inches)

Nelson - Albemarle - Orange - Prince William - Fairfax - Stafford - Spotsylvania - King George

22 0900EST 2200EST 0 0 Winter Storm

Low pressure moved from the mid Mississippi Valley into the southern portion of the Mid Atlantic region on the 22nd. This system produced mainly light to moderate snowfall across the region between 9 AM and 10 PM. However, some areas received a brief period of heavy snow at the beginning of the event which created whitout conditions. Snowfall amounts ranged from 2 to 5 inches. The highest amounts were recorded in the vicinity of the Blue Ridge Mountains. Although the snowfall accumulations were relatively minor, numerous traffic accidents were reported that involved hundreds of vehicles and numerous injuries.

During the mid to late morning, several multi-vehicle accidents occurred when heavy snowfall suddenly dropped visibilities to near zero. The largest pileup, one of record proportions for the Mid Atlantic region, occurred in Stafford County at 10:35 AM. A total of 131 vehicles, including 17 tractor trailers and 114 smaller vehicles, collided on southbound Interstate 95 between Quantico and Garrisonville. The accident began when a tractor trailer and a car collided around mile marker 146 when weather conditions suddenly deteriorated. One by one, approaching motorists blinded by the snow plowed into the wreckage. One eyewitness who saw the burst of heavy snow approach said the western sky appeared as "a solid white wall...like a thick fog bank rolling in". As an interesting side note, two HAM radio towers within a few miles of the pileup received a sudden electrical charge when the "wall of white" hit. Disabled cars covered three miles of highway and shut down the interstate for nearly 12 hours. A 50 year old woman in a car was killed, two people were seriously injured, fourteen people suffered moderate injuries, and over 100 people were treated for minor injuries. A local elementary school was turned into an emergency shelter for the hundreds of stranded motorists.

Two other major pileups occurred on Interstate 95 within a few minutes of the 131 vehicle wreck. A 50 vehicle crash occurred on the northbound lanes near Masaponax in Spotsylvania County. The accident occurred as motorists crested the top of a hill, hit near zero visibility, and slammed on their breaks. Three people were treated for serious injuries and another 18 suffered minor injuries. The highway remained closed for three hours while the wreckage was cleared. A 30 vehicle pileup occurred on the southbound lanes just north of the Falmouth/Route 17 interchange in Stafford County. As whitout conditions struck, three cars slid into each other. Within seconds, the minor fender bender turned into a pileup including tractor trailers, cars, trucks, and an empty bus. Three people were injured and the highway was blocked for nearly three hours.

Between 9:30 and 9:35 AM, six separate accidents were reported on Interstate 81 in Frederick County. Twenty accidents were reported in the city of Winchester by 3 PM. About 10 Frederick County school buses slid off the road around midday as they tried to take students home from school. A 25 vehicle pileup was reported in Prince William County. Albemarle County police reported over 100 accidents, including a 20 vehicle pileup a few miles east of Charlottesville where 16 people were injured. Loudoun County dispatchers reported 26 significant accidents including 8 collisions that resulted in injuries. At least 12 injury accidents occurred in Alexandria. Four accidents

Storm Data and Unusual Weather Phenomena

February 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Person Killed s Injured	Estimated Damage Property Crops	Character of Storm
WASHINGTON, Northwest							
WAZ002		Western Whatcom					
	08	0600PST 1400PST			0 0		Heavy Snow
	Up to 4 inches of snow fell over Whatcom county. Other areas of Puget Sound received from 1/2 to 2 inches of snow.						
WAZ003>008-010		Northern Casade Foothills - Central Casade Foothills - Northwest Interior - Everett And Vicinity - Seattle Metropolitan Area - Tacoma Area - Hood Canal/Kitsap Peninsula					
	15	1900PST			0 0	5K	Heavy Snow
	16	1030PST					
	At 11 pm, snow was falling at about an inch an hour. By noon on the 16th, there was 5 to 12 inches of snow on the ground around Puget Sound. 8 to 10 inches was the average snowfall in the area. The snowfall closed nearly 300 schools, was a factor in about 100 accidents and led to nearly 25,000 customers without power. About 2 dozen flights at seatac airport were cancelled or delayed. One homeowner had a tree limb fall through their roof.						
WAZ007		Seattle Metropolitan Area					
	28	1100PST 1700PST			0 0	200K	Mudslide
	An earthquake triggered a mudslide that damaged a home. The slide also blocked the Cedar River, which then backed up and flooded a road, forcing its closure.						
WASHINGTON, Southeast							
WAZ025		East Slopes Southern Cascades					
	04	0000PST 1000PST			0 0		Heavy Snow
	12 inches of snow fell in a 10 hour period in Ronald, which lies at an elevation of 2400 feet 7 miles northwest of Cle Elem.						
WAZ025		East Slopes Southern Cascades					
	17	1620PST			1 0		Avalanche
	An avalanche killed a man as he was snowmobiling with friends in the mountains north of Cle Elum. According to reports, a 200 foot wide slide occurred about 8 miles northeast of Salmon La Sac Road in the North Fork Teanaway area. This avalanche was likely caused by the softening of snow during a sunny afternoon. M35OU						
WASHINGTON, Southwest							
WAZ021		South Coast					
	01	0300PST			0 0		High Wind (G35) ^M
	03	2100PST					
	A Pacific storm brought high winds to the Southwest Washington Coast. The Coast Guard Station at Cape Disappointment reported sustained winds of 40 mph.						
WEST VIRGINIA, East							
WVZ052>053		Berkeley - Jefferson					
	05	0000EST 1200EST			0 0		Winter Weather
	Low pressure moved from the North Carolina coast to the Jersey shore on the 5th and brought light snow to the eastern tip of the West Virginia panhandle between midnight and noon. Between 1 and 3 inches of snow accumulated across Jefferson and Berkeley Counties. Less than an inch of snow fell across the rest of the eastern panhandle.						
WVZ048>051-053-055		Grant - Mineral - Hampshire - Morgan - Jefferson - Hardy					
	09	2000EST			0 0		Strong Wind
	10	1200EST					
WVZ052		Berkeley					
	09	2000EST			0 0		High Wind (G50) ^M
	10	1200EST					
	A gust of 58 MPH was recorded at the Martinsburg Airport. A strong cold front crossed the Mid Atlantic region during the morning of the 10th. Ahead of the front, southwest winds of 15 to 25 MPH gusted to 35 MPH. Behind the front, winds shifted to the northwest at 20 to 30 MPH and gust to 50 MPH. A wind gust of 43 MPH was recorded at the Grant County Airport near Petersburg. The Martinsburg Airport in Berkeley County recorded the highest regional gust of 58 MPH.						
WVZ048>051-053		Grant - Mineral - Hampshire - Morgan - Jefferson					
	22	0900EST 2200EST			0 0		Winter Storm
WVZ052-054>055		Berkeley - Pendleton - Hardy					
	22	0900EST 2200EST			0 0		Winter Weather

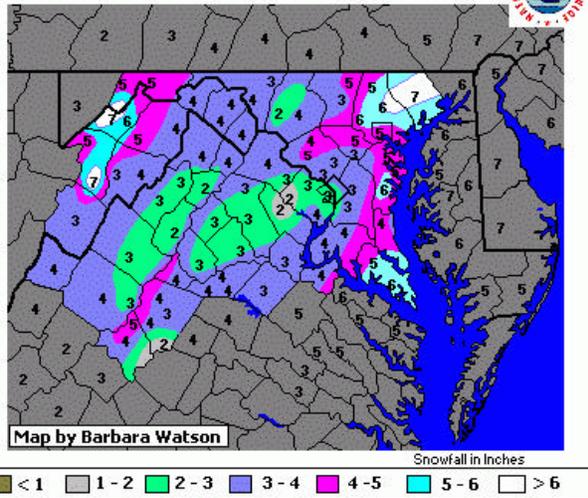
Storm Data and Unusual Weather Phenomena

February 2001

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

Storm Totals Feb. 22, 2001



Storm Total Snowfall from February 22, 2001 (in inches)

Low pressure moved from the mid Mississippi Valley into the southern portion of the Mid Atlantic region on the 22nd. This system produced mainly light to moderate snowfall across the region between 9 AM and 10 PM. Snowfall amounts ranged from 3 to 7 inches. The highest amounts were recorded in Mineral and Grant Counties.

WVZ048>049-054

Grant - Mineral - Pendleton

25	2000EST	0	0		Strong Wind
26	0800EST				

A strong cold front crossed the region during the late evening hours of the 25th and ushered in strong west to northwest winds. Winds of 25 to 35 MPH with gusts to 45 MPH were common during the overnight hours of the 26th, especially amongst higher terrain. A wind gust of 46 MPH was recorded around midnight at the Petersburg Municipal Airport in Grant County.

WEST VIRGINIA, North

WVZ023-041

Preston - Tucker

10	0100EST	0	0	10K	High Wind
	0200EST				

A strong area of low pressure moving across the region produced a brief period of high winds across portions of northern West Virginia. Several large trees and power lines were downed by the high wind, with the majority of the damage occurring along the higher elevations of the counties.

WVZ001>004-012-021>023-041

Hancock - Brooke - Ohio - Marshall - Wetzel - Marion - Monongalia - Preston - Tucker

25	1000EST	0	0	45K	High Wind
	1900EST				

An intense area of low pressure passing over the region brought a prolonged period of high winds to northern West Virginia. Wind gusts estimated to around 60 MPH continued from late morning into the early evening hours, downing numerous trees, large limbs and power lines across the entire area.

WEST VIRGINIA, Southeast

NONE REPORTED.

WEST VIRGINIA, West

WVZ005>011-013>020-024>040-046>047

Wayne - Cabell - Mason - Jackson - Wood - Pleasants - Tyler - Lincoln - Putnam - Kanawha - Roane - Wirt - Calhoun - Ritchie - Doddridge - Mingo - Logan - Boone - Clay - Braxton - Gilmer - Lewis - Harrison - Taylor - Mcdowell - Wyoming - Raleigh - Fayette - Nicholas - Webster - Upshur - Barbour - Pocahontas - Randolph

09	1100EST	0	0		Record Warmth
	1700EST				

Afternoon temperature reached into the upper 60s to mid 70s for the lowlands. Even the high mountains had readings in the upper 50s. Preliminary data indicated the airport at Elkins reached 75 degrees. Other maximum readings included 73 degrees at Buckhannon, 72 degrees at Glenville and Clarksburg, 71 degrees at Ripley, and 70 degrees at Charleston.

Storm Data and Unusual Weather Phenomena

February 2001

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

WVZ005>011-013>020-024>040-046>047	Wayne - Cabell - Mason - Jackson - Wood - Pleasants - Tyler - Lincoln - Putnam - Kanawha - Roane - Wirt - Calhoun - Ritchie - Doddridge - Mingo - Logan - Boone - Clay - Braxton - Gilmer - Lewis - Harrison - Taylor - Mcdowell - Wyoming - Raleigh - Fayette - Nicholas - Webster - Upshur - Barbour - Pocahontas - Randolph	09	2100EST		0	0	Wind
		10	0500EST				

A strong cold front streaked across West Virginia, bringing a warm spell to an end. Gusts of 35 to 45 mph were common. The maximum gust was 54 mph at the Parkersburg airport.

Lewis County

Countywide		15	0000EST		0	0	Heavy Rain
			0700EST				

Randolph County

Countywide		15	0000EST		0	0	Heavy Rain
			0700EST				

Upshur County

Countywide		15	0000EST		0	0	Heavy Rain
			0700EST				

Rains of 1 to 1.5 inches fell. This caused swollen streams and strong rises on headwater rivers. The most rain by dawn was 1.6 inches from Kumbrow State Forest. Due to the previous dry pattern and lack of snow melt, no flooding occurred.

WVZ033>036

	Mcdowell - Wyoming - Raleigh - Fayette	22	0500EST		0	0	Snow
			0830EST				

A quick 2 to 3 inches of snow fell near dawn.

WVZ019>020-028>030-032-038>040-046>047

	Ritchie - Doddridge - Braxton - Gilmer - Lewis - Taylor - Webster - Upshur - Barbour - Pocahontas - Randolph	22	0700EST		0	0	Snow
			1400EST				

Snow accumulated 1 to 4 inches.

WVZ005>011-013>020-024>040-046>047

	Wayne - Cabell - Mason - Jackson - Wood - Pleasants - Tyler - Lincoln - Putnam - Kanawha - Roane - Wirt - Calhoun - Ritchie - Doddridge - Mingo - Logan - Boone - Clay - Braxton - Gilmer - Lewis - Harrison - Taylor - Mcdowell - Wyoming - Raleigh - Fayette - Nicholas - Webster - Upshur - Barbour - Pocahontas - Randolph	25	1100EST		0	0	Wind
			2100EST				

Wind gusts of 35 to 50 mph were measured. Huntington had a 37 mph gust, Elkins 38 mph, Beckley 41 mph, Charleston 43 mph, Clarksburg 44 mph, and Parkersburg 46 mph.

WISCONSIN, Extreme Southwest

NONE REPORTED.

WISCONSIN, Northeast

WIZ030

	Marathon	07	1600CST		0	0	Heavy Snow
		08	0100CST				

Southerly flow ahead of a developing low pressure system brought moist and relatively warm air into Wisconsin from the Gulf of Mexico. This air was forced to rise as it encountered a colder airmass, resulting in snow across the state. The greatest snowfall was in Marathon county where nearly 6 inches of accumulation was reported.

WIZ011>013-019>022-030>031-035>040-045-048>049

	Forest - Florence - Marinette - Langlade - Menominee - Oconto - Door - Marathon - Shawano - Wood - Portage - Waupaca - Outagamie - Brown - Kewaunee - Waushara - Winnebago - Calumet	08	2200CST		0	0	Winter Storm
		09	1200CST				

A low pressure system quickly moved from southern Missouri to lower Michigan resulting in a mix of snow, sleet and freezing rain over much of central and northeast Wisconsin. While snowfall totals were mainly less than 3 inches, ice accumulation of 1/8 inch to 1/4 inch was common.

Storm Data and Unusual Weather Phenomena

February 2001

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

**WIZ022-036-038>039- Door - Portage - Outagamie - Brown - Winnebago - Manitowoc
048-050**

25	0830CST 1600CST				0	0	Wind
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Strong winds developed across central and east central Wisconsin on the back side of an intense winter storm system that was moving away from the state. The wind caused power outages for around 800 customers in the Brussels (Door co.) area and 200 customers in the Oshkosh (Winnebago co.) area. The strongest wind gusts recorded were, 47 mph at Manitowoc (Manitowoc co.) and Stevens Point (Portage co.), 46 mph at Appleton (Outagamie co.), 44 mph at Green Bay (Brown co.), 43 mph at Sturgeon Bay (Door co.) and 42 mph at Oshkosh (Winnebago co.).

WISCONSIN, Northwest

WIZ004

Iron

01	1800CST				0	0	Heavy Snow
02	0400CST						

Up to 7 inches of lake effect snow fell at Hurley in northern Iron County.

WIZ001>004

Douglas - Bayfield - Ashland - Iron

08	2100CST				0	0	Heavy Snow
10	0300CST						

Up to a foot of lake effect snow fell along the south shore of Lake Superior, with 12 inches at Hurley, 13 inches in Mellen, and 8 inches at Washburn and the mouth of the Brule River.

WIZ001>004-006>009 Douglas - Bayfield - Ashland - Iron - Burnett - Washburn - Sawyer - Price

24	0000CST				0	0	Heavy Snow
25	1500CST						

A large winter storm moved through the western Great Lakes region, bringing heavy snow and freezing rain to northwestern Wisconsin in two waves over a period of a day and a half. Snowfall totals generally ranged from a half a foot to a foot and a half, with a maximum of 20 inches in northeastern Douglas County. The freezing rain resulted in over 1/4 inch of inch accumulation on roads, trees, and power lines in Ashland, Iron, and Price Counties from the evening of the 24th through the early morning of the 25th.

WISCONSIN, Southeast

Racine County

**Burlington to
Racine**

09	0428CST				0	0	30K	Lightning
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Lightning struck a power substation in Burlington (Racine Co.), and Racine (Racine Co.), resulting in power outages from Burlington east to Racine, as well as across the western one-third of Kenosha County. About 2350 customers lost power for about 5.5 hours.

Synoptically, a strong low pressure moved from the southern Rockies through the southern plains and then through Minnesota on Feb 9th. Ahead of the low, southerly winds pulled warm, moist air into southern Wisconsin, as temperatures maxed out in the 35 to 48 degree range. Thunderstorms and cloud-to-ground lightning were reported across southeastern Wisconsin.

WIZ057>060-

063>066-068>072

**Columbia - Dodge - Washington - Ozaukee - Dane - Jefferson - Waukesha - Milwaukee - Green - Rock -
Walworth - Racine - Kenosha**

09	0600CST				0	0	325K	Flood
10	1200CST							

Heavy rains, in some cases, setting new daily records across south-central and southeast Wisconsin, resulted in most rivers reaching or exceeding flood stage. Thunderstorms and cloud-to-ground lightning were reported across the southeastern counties. In addition, the heavy rains and partial snow melt of a 7 to 12 inch snow pack led to widespread flooding of farm fields, road side ditches, and other low spots. Consequently, water covered or flowed across many roads. Backed-up sewers and ice-jamming/damming made the situation worse in Milwaukee and Ozaukee Counties where water backed up into many basements and backyards. For the calendar day of the 9th, Milwaukee Mitchell Field measured 1.09 inches, breaking the old record of .83 inches. Likewise, Madison's Truax Field (Dane Co.) set a new daily record of 1.29 inches. The 2-day total for the 8th and 9th came to 1.75 inches in Madison and 2.33 inches in Milwaukee. In Waterford (Racine Co.), the 2-day total was 2.48 inches.

Commuting times for workers during the morning hours of the 9th were substantially increased and dozens of schools were closed. The heavy rains damaged an electrical substation insulator that caused power failures in Burlington (Racine Co.), Greenfield (Milwaukee Co.), and Memomonee Falls (Waukesha Co.). About 1100 customers were without power for several hours. During the afternoon hours of the 9th, colder air pushed in, changing the rain to freezing rain and then snow. Gusty northwest winds to 30 mph resulted in blowing snow and reduced visibilities. Many icy patches developed on water-covered roads, resulting in at least 400 vehicle accidents. About a dozen people were treated for injuries in area hospitals (indirect injuries).

Mainstream flooding was the worst along the Fox River in Kenosha County, and the Root River Canal near Raymond in Racine County. The Fox River near New Munster (Kenosha Co.) went above its 10 foot flood stage at 0800CST on the 9th and remained above flood stage until 1230CST on Feb 24th. It crested at 11.92 feet at 0500CST on Feb 16th. The Root River Canal near Raymond went above its 9 foot flood stage at 0600CST on the 9th and remained above flood stage until 0300CST on Feb 12th. It crested at 11.11 feet at 1015CST on Feb 10th. Once again, many homes along these rivers had water in their basements as well as backyards, etc.

Storm Data and Unusual Weather Phenomena

February 2001

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

Synoptically, a strong low pressure moved from the southern Rockies through the southern plains and then through Minnesota on Feb 9th. Ahead of the low, southerly winds pulled warm, moist air into southern Wisconsin, as temperatures maxed out in the 35 to 48 degree range.

WIZ062-067>068

Iowa - Lafayette - Green

24	1900CST								
25	0200CST			0	0				Fog

Moist southeast winds and recent snow melt combined to develop dense fog across south-central Wisconsin. Visibilities were reduced to 1/8 to 1/4 mile, resulting in about a dozen vehicle accidents. On the weather map, a warm front was moving north through northern Illinois.

**WIZ046>047-
051>052-056>060-
063>066-069>072**

**Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Dodge - Washington - Ozaukee -
Dane - Jefferson - Waukesha - Milwaukee - Rock - Walworth - Racine - Kenosha**

24	2130CST								
25	0200CST			0	0				Fog

Moist southeast winds and recent snow melt combined to develop dense fog across south-central and southeast Wisconsin. Visibilities were reduced to 1/8 to 1/4 mile, resulting in about 100 vehicle accidents, and delays in dozens of flight arrivals and departures at airports. On the weather map, a warm front was moving north through northern Illinois.

WIZ066-068

Milwaukee - Green

25	0800CST 1000CST					82K			High Wind
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High winds, gusting to around 60 mph out of the southwest, raked Milwaukee and Green Counties. Peak gusts of 60 mph were measured at a couple commercial TV stations in Milwaukee County (and at couple schools in their weather networks). In addition, a peak gust of 58 mph was measured at Milwaukee Mitchell Field. Several large trees and power lines were toppled in Milwaukee County. In Green County, the powerful winds got underneath and lifted the rubber roof of a City of Monticello administrative building. The roof was partially damaged, and several nearby large trees were toppled.

Elsewhere across south-central and southeast Wisconsin, peak wind gusts of 40 to 55 mph were noted during the period of 0500CST through 1000CST. There were numerous reports of small tree branches knocked out of trees. These strong southwest winds were associated with a deep low pressure which moved northeast through Minnesota through northwestern Wisconsin to Lake Superior.

WISCONSIN, Southwest

WIZ017-029-032>033 Taylor - Clark - Buffalo - Trempealeau

07	1400CST 2200CST								Winter Storm
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Snow accumulations of 3 to 6 inches affected portions of southwest and central Wisconsin, causing slippery traveling conditions.

WIZ054>055-061

Crawford - Richland - Grant

07	1800CST								Ice Storm
08	0300CST			0	0				

Freezing rain produced widespread 1/4 inch ice accumulations across southwest Wisconsin. Law enforcement officials reported extremely icy conditions, especially on sidewalks and secondary roads.

**WIZ017-029-032>034-
041>044-053>055-061 Taylor - Clark - Buffalo - Trempealeau - Jackson - La Crosse - Monroe - Juneau - Adams - Vernon -
Crawford - Richland - Grant**

08	1700CST								Winter Storm
09	1100CST			0	0				

Freezing rain produced a widespread coating of 1/4 to 1/2 inch of ice, which was followed by 1 to 3 inches of snow accumulation. This caused hazardous traveling conditions, but law enforcement officials reported only minor accidents.

**WIZ017-029-032>034-
041>044-053>055-061 Taylor - Clark - Buffalo - Trempealeau - Jackson - La Crosse - Monroe - Juneau - Adams - Vernon -
Crawford - Richland - Grant**

24	0400CST 1230CST								Ice Storm
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Freezing rain affected southwest and central Wisconsin as another in a series of ice storms affected the area. Even though glazing was widespread, with ice accumulations of 1/4 inch, law enforcement officials reported only minor automobile accidents.

WISCONSIN, West

WIZ023>026-028

St. Croix - Pierce - Dunn - Pepin - Eau Claire

07	0700CST 2100CST								Heavy Snow
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A warm frontal zone protruding east from a surface low pressure system situated over eastern Colorado, produced snow totals which were mainly in the 6 to 7 inch range across a large swath of West central Wisconsin. Some snow totals of note include Spring Valley (7.0 inches), Baldwin (7.0 inches), and Cedar Falls (6.0 inches).

Storm Data and Unusual Weather Phenomena

February 2001

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

WYZ012>013-015-018-020-022 Lander Foothills - Wind River Basin - Natrona - Kemmerer - Upper Green River Basin - Rock Springs/Green River

06	1300MST				0	0	Winter Storm
07	1800MST						

Snow storm dropped from 6 to 9 inches of snow with isolated amounts of up to 11 inches. Some blowing and drifting was reported with roads closed in parts of southwest and central Wyoming including I-80.

WYZ006 Teton/Moutains

06	1700MST				1	0	Avalanche
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Occurred at Upper Rocks Springs Bowl just out of bounds of Jackson Hole Ski Area. M?OU

WYZ007 Jackson Valley

20	0400MST				0	0	Heavy Snow
	1400MST						

Locally heavy snow with up to 6 inches in the Jackson Hole area.

WYZ006 Teton/Moutains

23	1830MST				1	0	Avalanche
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M24OU

WYOMING, Extreme Southwest

NONE REPORTED.

WYOMING, North Central

NONE REPORTED.

WYOMING, Northeast

WYZ054>058 Gillette - South Campbell - Moorcroft - Wyoming Black Hills - Weston

06	1530MST				0	0	Winter Storm
07	1015MST						

A digging upper level trough over the Southwestern United States supported an overrunning/warm front pattern to develop over the northern plains and along the front range of the central and northern Rockies. Strong low level, moisture laden warm air moved over cold air already in place over the northern plains. Snowfall developed quickly over western South Dakota during the afternoon and evening of Feb. 6, and spread into Northeastern Wyoming. By early the morning of the 7th, heavy snow had fallen over nearly all of northeastern Wyoming. Campbell, Crook, and Weston counties were covered with 8 to 10 inches. The heaviest snow fell in the Bear Lodge Mountains and Wyoming Black Hills, where 9 to 18 inches of snowfall were widely reported.

WYOMING, Southeast

WYZ063-066>067-069 Snowy Range - Laramie Range - Platte - Cheyenne Foothills

05	0430MST				0	0	High Wind (G69) ^M
	1600MST						

Very strong winds were reported over parts of southeast Wyoming, especially in and near the mountains. Gusts as high as 79 mph were recorded at Arlington, with gusts to 61 mph at Buford. Cheyenne, WY recorded gusts to 55 mph.

WYZ059-061>062 Converse - Southwest Carbon - North Carbon

07	0430MST				0	0	Heavy Snow
	1545MST						

Heavy snow fell in a swath from south central into east central Wyoming, with as much as 11 to 13 inches of snow reported in Rawlins, WY. 6 to 7 inches fell in Douglas, WY. A 250 mile stretch of Interstate 80 was closed for much of the day between Laramie and Rock Springs, WY, with many secondary roads also closed.

Storm Data and Unusual Weather Phenomena

January 1999

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

TENNESSEE, Central

Benton County 3.3 W Camden to 2.6 S Faxon

22	0320CST 0335CST	15	220	1	5	1M	Tornado (F3)
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This tornado resulted in the only fatality in Middle Tennessee from the severe weather outbreak of January 22, 1999. The tornado killed a 50 year old woman who left her shelter in a brick ranch home located on Cedar Grove Road. She went outside to get her dogs inside her home, and that's when the tornado struck and killed her. Her husband remained inside the home and survived. There were 5 injuries from the tornado. A 1600 square foot frame home was moved 10 to 12 feet from its foundation. 12 homes were destroyed, 33 homes sustained damage and 5 businesses were damaged. Power lines and trees were blown down. The winds picked up a 7500 pound Cadillac, and hurled its engine 300-400 yards into a field. The chassis, its empty metal skin, was hurled even further. F500U

Montgomery County Clarksville to 4.3 NE Clarksville

22	0415CST 0420CST	4.3	880	0	5	72.7M	Tornado (F3)
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An F3 tornado struck Clarksville at 4:15 AM, travelled through the downtown area and dissipated near St. Bethlehem. There were 5 injuries, 2 of them were for broken bones. Clarksville has a population of 89,000 people is Tennessee's fifth largest city. 25,000 people were without power. The Tornado Warning was issued by the NWS at 3:54 AM CST. The NOAA Weather Radio alerted the sleepy residents of Clarksville and urge them to take cover immediately. The tornado ripped apart a 5 block area of downtown Clarksville and tore up buildings in Austin Peay State University. Once the tornado ravaged the city, downtown Clarksville resembled bombed-out London during World War 2. Bricks and glass were strewn everywhere. The photo editor of the Leaf-Chronicle newspaper, Fred Dye, said "It looked like somebody walked through with a broom and knocked over whatever was loose enough to knock down." The Montgomery county court house was in ruins. The City Fathers planned on rebuilding the court house. It was last rebuilt after a fire in 1878. The Leaf-Chronicle newspaper office was severely damaged. The newspaper had to set up a temporary office in Hopkinsville, KY. 22 buildings were heavily damaged at Austin Peay State University. Also, several old churches were heavily damaged in Clarksville. The Madison Street United Methodist Church lost its spires and roof. It will take about 2 years to rebuild the church. The Trinity Episcopal Church lost its roof. Police closed off downtown Clarksville from 6 PM-6 AM in order to prevent looting. The National Guard was on duty as well. On January 23, FEMA Director James Lee Whitt toured the devastation. He exclaimed, "Wow!" "It's like someone dropped a bomb on it. That's just what it look like." There was a total of 124 buildings destroyed and 562 buildings damaged. These figures included residential, commercial, government, public and buildings at Austin Peay.

Humphreys County Gorman to Mc Ewen

22	0443CST 0449CST	4	220	0	1	500K	Tornado (F2)
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Downed trees were reported from Gorman to McEwen. The hardest hit area was McEwen with 4 homes totally destroyed, 8 homes having severe damage, and 38 homes receiving minor damage. 8 to 10 outbuildings were destroyed and 60 trees were lost. 8 cars or trucks were damaged or destroyed. A man suffered a broken neck in his trailer.

Storm Data and Unusual Weather Phenomena

July 1999

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

ADDITIONS/CORRECTIONS

WYOMING, Northeast

Campbell County									
8 SE Gillette	07	1545MST			0	0			Hail (0.75)
Crook County									
25 NW Hulett	07	1635MST			0	0			Thunderstorm Wind (G52)
Crook County									
21 N Hulett	07	1700MST			0	0			Hail (1.00)
Weston County									
10 W Upton	15	1515MST			0	0			Hail (0.75)
Campbell County									
20 SE Gillette	15	1525MST			0	0			Hail (1.00)
Crook County									
14 SW Sundance	15	1615MST			0	0			Hail (1.00)
Weston County									
6 N Upton	15	1615MST			0	0			Hail (1.00)
Hail was one foot deep along the Crook and Weston county line.									
Weston County									
15 W Four Corners	15	1640MST			0	0			Thunderstorm Wind (G52)
Crook County									
Devils Tower	15	1715MST			0	0			Hail (0.88)
Weston County									
5 SW Newcastle	17	1424MST	0.1	10	0	0			Tornado (F0)
Brief touchdown. Path width and length estimated.									
Weston County									
4 SW Upton	20	1907MST			0	0			Hail (0.75)
Weston County									
16 SW Upton	20	2000MST			0	0			Hail (0.75)
Campbell County									
Countywide	21	1700MST			0	0			Lightning
	22	1700MST							
11 fires were started throughout the county due to lightning striking rangeland and hay bales. The largest fire reached 300 acres before firefighters were able to contain it.									
Campbell County									
Echeta	21	1715MST			0	0			Thunderstorm Wind (G66)

Storm Data and Unusual Weather Phenomena

February 2000

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

MISSOURI, East

Callaway County

5 NW Kingdom City to 3 W Auxvasse	29	1817CST 1819CST	2.5	40	0	0			Tornado (F0)
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A small tornado formed northwest of Kingdom City and traveled about 2.5 miles to just west of Auxvasse. One barn was destroyed and several trees were either uprooted or snapped off 4 to 5 feet above the ground along the path.

Storm Data and Unusual Weather Phenomena

April 2000

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

ALABAMA, North Central

Lauderdale County

Petersville

27	1734CST				0	0	0	0	Hail (0.88)
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Nickel size hail was observed in Petersville and in Underwood.

Storm Data and Unusual Weather Phenomena

August 2000

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

ALABAMA, North Central

Lauderdale County

Petersville

10	1604CST		0	0	1K	0	Hail (1.00)
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One inch diameter size hail fell in the Petersville area.

Storm Data and Unusual Weather Phenomena

September 2000

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

FLORIDA, East Central

Volusia County

4 N New Smyrna Beach 17 1745EST 0.5 80 0 0 10K Tornado (F0)

An F0 tornado associated with the outer rainbands of Hurricane Gordon touched in the Ponce Inlet area just north of New Smyrna Beach. The small tornado tore a large awning from one home and hurled it into the roof of the home across the street. Power was lost in the neighborhood, trees were snapped off and signs and mailboxes were blown down.

SOUTH CAROLINA, North Coastal

Georgetown County

3.8 S Georgetown to 18 0733EST 0.3 30 0 0 8K Tornado (F1)
3.6 S Georgetown 0734EST

A tornado touched down on Waccamaw Neck. Numerous trees were down in the path of the tornado, one damaging the church at Friendfield Village in Hobcaw.

Storm Data and Unusual Weather Phenomena

October 2000

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

ADDITIONS/CORRECTIONS

OKLAHOMA, Western, Central and Southeast

Tillman County

3 N Frederick 22 1030CST 0 0 **Flash Flood**
A vehicle was swept off the road due to fast flowing water.

Caddo County

Southwest Portion 22 1136CST 0 0 **Flash Flood**
Highway 58 was closed between Carnegie and Highway 19 due to high water.

Caddo County

**6 SE Binger to
6 ENE Binger** 22 1514CST 4 30 0 0 2K **Tornado (F0)**
1526CST
This tornado developed east of Binger, about 2 miles south of the Highway 152/Highway 281 intersection and was observed by 4 people. It tracked northward for 4 miles before dissipating, blowing over 2 old, wooden barns, a medium-sized tree, and damaging another medium-sized tree.

Comanche County

Lawton 22 1610CST 0 0 **Thunderstorm Wind (G52)**

Canadian County

5 SSE Calumet 22 1636CST 0.2 35 0 0 0.50K **Tornado (F0)**
This short-lived tornado was observed by an off-duty National Weather Service meteorologist near mile marker 117 on Interstate 40 in Canadian County. A motorhome was blown over, and a highway sign was ripped off its post, consistent with an F0 rating.

Caddo County

2 W Cyril 22 1645CST 0 0 **Hail (0.75)**

Caddo County

4 S Anadarko 22 1652CST 0 0 **Thunderstorm Wind (G52)**

Grady County

1 W Rush Spgs 22 1655CST 0 0 **Hail (0.88)**

Pontotoc County

**3 NW Stonewall to
4.5 NNW Stonewall** 22 1658CST 2.5 25 0 0 0 **Tornado (F0)**
1704CST
This tornado, rated F0, formed about 3 miles northwest of Stonewall near Highway 3. No damage was observed or reported as it moved northward before dissipating. A correction was made to the beginning and ending times of this tornado, from 1726-1732 CST to 1658-1704 CST.

Comanche County

Lawton 22 1703CST 0 0 25K **Lightning**
Lightning struck an insulator on West Gore Blvd. and 67th Street causing a power outage to about 1100 homes.

Pontotoc County

3 ESE Ahloso 22 1705CST 0 0 2.2K **Thunderstorm Wind**
1708CST
A large tree was downed, and a small barn was blown over, both on County Road 361.

Comanche County

Lawton 22 1715CST 0 0 13K **Lightning**
Lightning struck an air conditioning unit causing some curtains to catch fire. Significant fire and smoke damage occurred to the master bedroom.

Pontotoc County

5 SE Francis 22 1800CST 0.1 15 0 0 0 **Tornado (F0)**
This small tornado formed about 5 miles southeast of Francis and caused no damage (F0) before dissipating.

Tillman County

North Portion 22 1800CST 0 0 2K **Flash Flood**
Railroad tracks north of Frederick were washed out due to rushing water. Highway 183 was closed between Frederick and Manitou, while State Highway 5c was closed between Manitou and Tipton.

Oklahoma County

**7 S Oklahoma City to
6 SSE Oklahoma City** 22 1802CST 1.5 40 0 0 120K **Tornado (F1)**
1807CST
This tornado, rated F1, formed across southern portions of Oklahoma City near the intersection of Interstate 35 and Interstate 240, then moved northward for 1.5 miles before dissipating. Minor structural damage, consisting of 2 broken windows and an air conditioning unit blown off the roof, occurred to the Montgomery Ward Auto Express Store at Crossroads Mall. In addition, roof damage was sustained to several offices and businesses, and numerous homes in the town of Valley Brook.

Oklahoma County

**4 SSE Oklahoma City to
1.5 ESE Oklahoma City** 22 1814CST 3 25 0 0 10K **Tornado (F0)**
1822CST
This tornado formed across southern Oklahoma City near the intersection of Eastern and SE 22nd. Minor damage to buildings, trees, and

Storm Data and Unusual Weather Phenomena

October 2000

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

OKLAHOMA, Western, Central and Southeast

power lines, consistent with an F0 rating, occurred over a narrow, 3 mile path.

Oklahoma County
4 NW Midwest City

22	1830CST				0	0			Hail (0.75)
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Hail was reported at the interchange of Interstate 40 and Interstate 35.

Lincoln County
Chandler

22	2005CST				0	0			Thunderstorm Wind (G52)
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Tillman County
Countywide

22	2020CST				0	2	75K		Flash Flood
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In the city of Tipton, 6 homes were flooded at 2020 CST, and several streets were covered with a half foot of water. At 2130 CST a couple was rescued from their home 3 miles east of Manitou, while at 2200 CST a family was rescued from their home 1 mile east of Frederick, both due to high water. At 0000 CST a vehicle traveling on Red River Gin Road, 3 miles south of Frederick, was swept off the road and into a creek. Both occupants were rescued by boat and treated for injuries, one for a broken leg and the other for lacerations. Many roads, including large segments of Highway 183, were closed during this time.

McClain County
Newcastle

22	2030CST				0	0	30K		Flash Flood
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Several roads were washed out or damaged due to high water.

Caddo County
South Portion

22	2100CST				0	0	6M		Flash Flood
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Major flash flooding developed across southern Caddo County after many hours of heavy rain and is believed to have first developed in Apache around 2100 CST when Box Elder Creek and Cache Creek, which merge in Apache, overflowed their banks. The worst flooding was observed during the overnight hours with the water then receding gradually over the next few days. Most affected were the housing subdivisions of Woodland Park and Joseyville on the south side of Apache, where approximately 12 families needed to be rescued from trees and roofs, which were surrounded by 7 feet of water in spots. Nearly 200 people were left homeless. Twenty-seven homes were destroyed (19 mobile homes), and 60 homes and 1 business were damaged. At times water flowed very quickly, pushing and dragging large debris including mobile homes, vehicles, and boats considerable distances. Massive damage was also sustained to Apache Elementary and Middle Schools.

Much of downtown Anadarko also flooded with a foot or more of water observed in spots. An estimated 20 homes were destroyed by the flooding, while 60 homes sustained major damage, and 12 apartments and 8 businesses sustained minor damage. Approximately 200 people had to be evacuated from the rising water, most which lived in the northwest part of town. Major damage also occurred to the Boone School and numerous roads and bridges in Boone, about 6 miles west of Apache. At 2210 CST a car was swept off the road in Stecker due to fast moving water. It took several days for the water to recede in some areas, and many roads remained closed for this period.

Cleveland County
Moore

22	2200CST				0	0			Flash Flood
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Several roads were closed due to flooding on the east side of Moore, including portions of 34th Street and 12th Avenue.

Grady County
Countywide

22	2255CST				0	0	1.5M		Flash Flood
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Major flash flooding developed across a large portion of Grady County after several hours of heavy rain. In Chickasha, streets began closing at 2255 CST on the 22nd due to the rain, however it was not until approximately 0600 CST on the 23rd that the worst flooding developed. That was when Line Creek overflowed its banks allowing water to pour into downtown to a depth of 5 feet in spots. Approximately 30 people were rescued from the roof of cars and homes, and between 200 and 400 people were evacuated from their home. All of Chickasha, except the southwest corner of downtown, was flooded, with the worst flooding concentrated along US Routes 62 and 81 leading into Chickasha. Sixty-three businesses received major damage, while 50 homes and the Vo-tech Center sustained minor to major damage. During the night additional road closings, including US Route 62/277 between Chickasha and Blanchard (McClain County), was closed along with Highway 92 between Chickasha and Tuttle.

McClain County
Newcastle

22	2255CST				0	0			Flash Flood
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Highway 130 just west of County Club Road was covered with water.

Kiowa County
Snyder

22	2300CST				0	0	50K		Flash Flood
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Numerous homes and businesses were flooded, and many people had to be evacuated due to high water.

Oklahoma County
Bethany

22	2320CST				0	0	30K		Lightning
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Lightning struck a house on Briarcreek Drive causing a fire, which resulted in significant damage to the attic and upstairs.

Oklahoma County
Oklahoma City

22	2320CST				0	0			Flash Flood
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Harrah Road, between Reno and 15th Avenue, was closed due to high water.

Storm Data and Unusual Weather Phenomena

October 2000

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

ADDITIONS/CORRECTIONS

OKLAHOMA, Western, Central and Southeast

Cleveland County

Norman

22	2325CST				0	0			Flash Flood
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Flooding was reported at the intersection of 12th and Tecumseh and at the intersection of McGee and Lindsey.

Lincoln County

3 S Chandler

23	0100CST				0	0			Flash Flood
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Traffic on Highway 18, near Deep Fork River, was reduced to one lane due to high water.

Significant flash flooding and 6 tornadoes, mostly small, weak and short-lived, developed on the 22nd, across a 35 mile wide band from near Frederick in southwest Oklahoma northeastward to near Chandler in central Oklahoma. Rainfall amounts in this band averaged 4 to 8 inches. Anadarko in Caddo County, received 10 inches, which classifies as a 250-year rain event. Record-like flooding developed in some areas, particularly across southern Caddo and Grady Counties, from near Apache and Anadarko to near Chickasha.

Storm Data and Unusual Weather Phenomena

December 2000

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

MARYLAND, Central

MDZ002-006>007-010>011-013-016 **Allegheny - Northern Baltimore - Harford - Howard - Southern Baltimore - Prince Georges - Charles**

19 0400EST 0 0 Winter Weather
2000EST

MDZ003>005-009 **Washington - Frederick - Carroll - Montgomery**

19 0400EST 0 0 Winter Storm
2000EST

Low pressure moved across the region on the 19th and produced periods of light to moderate snow between 4 AM and 8 PM. Snowfall totals ranged from 1 to 7 inches with the highest amounts falling across Frederick and Washington Counties and the smallest accumulations right along the Chesapeake Bay. Several traffic accidents were reported during the evening commute after roads became snow covered. After the snow ended, northwest winds gusted up to 30 MPH which caused some of the snow to drift back onto plowed roads overnight.

VIRGINIA, North

VAZ021-026-036>042-050>056 **Highland - Rockingham - Nelson - Albemarle - Greene - Madison - Rappahannock - Fauquier - Loudoun - Orange - Culpeper - Prince William - Fairfax - Arlington - Stafford - Spotsylvania**

19 0400EST 0 0 Winter Weather
2000EST

VAZ025-027>031 **Augusta - Shenandoah - Frederick - Page - Warren - Clarke**

19 0400EST 0 0 Winter Storm
2000EST

Low pressure moved across the region on the 19th and produced periods of light to moderate snow between 4 AM and 8 PM. Snowfall totals ranged from 2 to 6 inches with the highest amounts falling along the Blue Ridge Mountains and across the Shenandoah Valley. Several traffic accidents were reported during the evening commute after roads became snow covered. After the snow ended, northwest winds gusted up to 30 MPH which caused some of the snow to drift back onto plowed roads overnight.

WEST VIRGINIA, East

WVZ048>049-054>055 **Grant - Mineral - Pendleton - Hardy**

19 0400EST 0 0 Winter Weather
1500EST

WVZ050>053 **Hampshire - Morgan - Berkeley - Jefferson**

19 0400EST 0 0 Winter Storm
1500EST

Low pressure moved across the region on the 19th and produced periods of light to moderate snow between 4 AM and 8 PM. Snowfall totals ranged from 3 to 6 inches with the highest amounts falling across the eastern tip of the panhandle. Several traffic accidents were reported during the evening commute after roads became snow covered. After the snow ended, northwest winds gusted up to 30 MPH which caused some of the snow to drift back onto plowed roads overnight.

Storm Data and Unusual Weather Phenomena

January 2001

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

TEXAS, South

TXZ248>255

Zapata - Jim Hogg - Brooks - Kenedy - Starr - Hidalgo - Willacy - Cameron

01	0000CST	0	0	25.0M	Drought
31	0000CST				

The United States Department of Agriculture-Farm Service Agency, received a Presidential Disaster Declaration in December of 2000. This declaration was issued for the persistent drought which included the remaining 6 counties of deep south Texas, specifically, Brooks, Jim Hogg, Cameron, Hidalgo, Willacy, and Kenedy counties. Both Zapata and Starr counties received declarations in August of 2000.

The Farm Service Agency estimated approximately 25 million dollars combined in damages in Cameron, Hidalgo, Starr, and Willacy counties. This value does not include Brooks or Jim Hogg counties and does not reflect actual losses or other estimates that any other USDA Agencies may have compiled.

Monthly rainfall departures averaged about a half to an inch below normal in January 2001, the first month of the new year. Lack of beneficial rainfall continued to keep all of deep south Texas in a moderate to severe drought. Storage at Falcon reservoir is 46 feet below conservation level, and 37 feet below conservation at Lake Amistad.

Reference Notes:

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:

WCM	- Warning Coordination Meteorologist
NWS	- National Weather Service
NOAA	- National Oceanic and Atmospheric Administration
DST	- Daylight Savings Time
LST	- Local Standard Time
LDT	- Local Daylight Time

Other Notes:

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.

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 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
F0	Gale Tornado	40 - 72	Some damage to chimneys; breaks branches off trees; pushes over shallow-rooted trees; damages sign boards.
F1	Moderate	73 - 112	The lower limit is the beginning of hurricane wind speed; peels surface off roofs; mobile homes pushed off foundations or overturned; moving autos pushed off the roads; attached garages may be destroyed.
F2	Significant	113 - 157	Considerable damage. Roofs torn off frame houses; mobile homes demolished; boxcars pushed over; large trees snapped or uprooted; light object missiles generated.
F3	Severe	158 - 206	Roof and some walls torn off well constructed houses; trains overturned; most trees in fores uprooted
F4	Devastating	207 - 260	Well-constructed houses leveled; structures with weak foundations blown off some distance; cars thrown and large missiles generated.
F5	Incredible	261 - 318	Strong frame houses lifted off foundations and carried considerable distances to disintegrate; automobile sized missiles fly through the air in excess of 100 meters; trees debarked; steel re-inforced 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 mess produced by F4 and F5 wind that would surround the F6 winds.

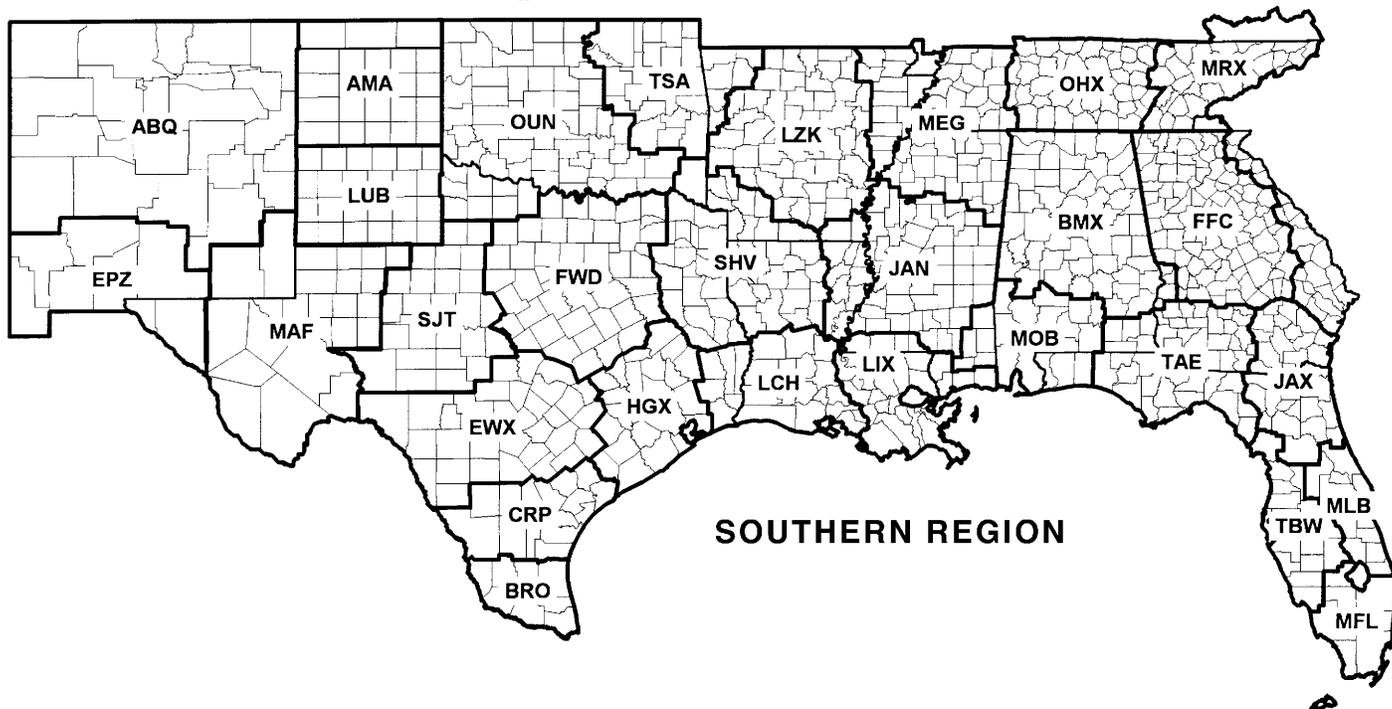


* From the Journal of Atmospheric Science, August 1981, p. 1517-1519

COUNTY WARNING & FORECAST AREAS - MODERNIZED NWS

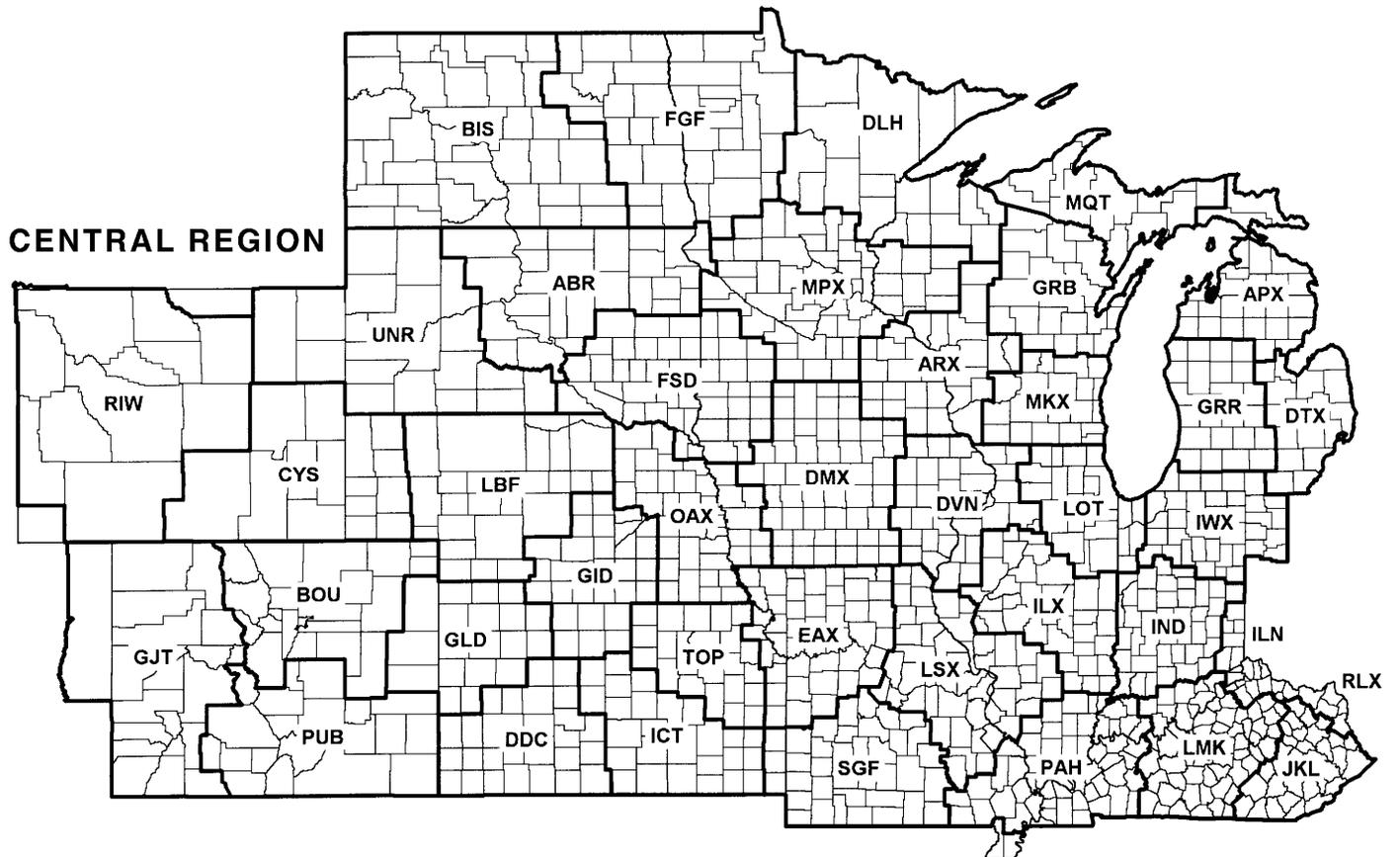
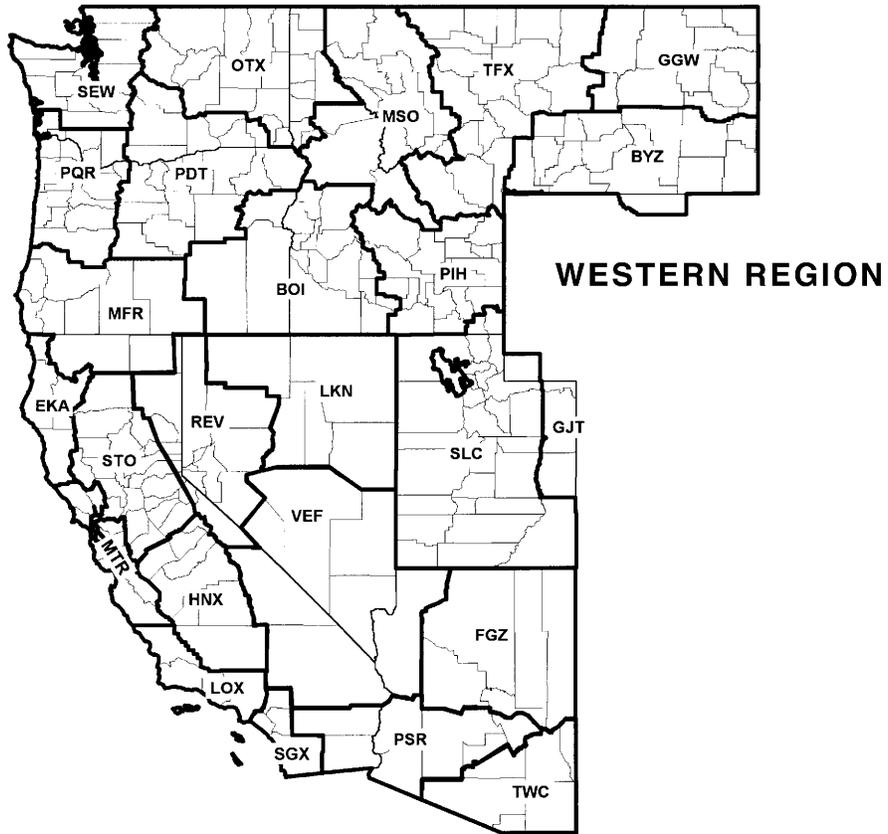


EASTERN REGION

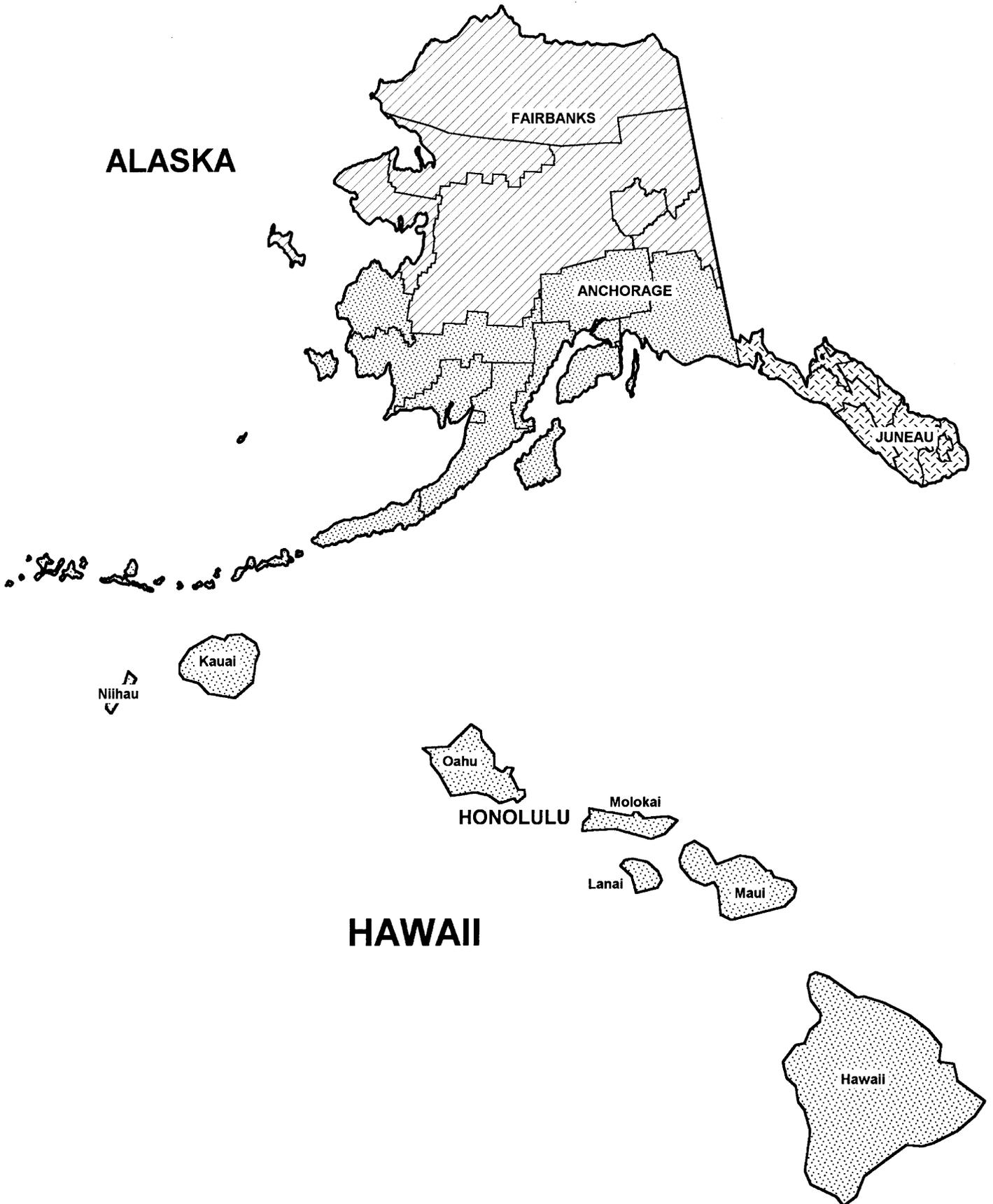


SOUTHERN REGION

COUNTY WARNING & FORECAST AREAS - MODERNIZED NWS



MODERNIZED COUNTY WARNING AREAS



These and other publications are available from the National Climatic Data Center

Hourly Precipitation Data

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. **HPD** includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

Climatological Data

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

Storm Data

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

Monthly Climatic Data for the World

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

Local Climatological Data

LCD publications summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains the 3 hourly weather observations for that month and an hourly summary of precipitation. Annual **LCD** publications contain a summary of the past calendar year as well as historical averages and extremes.

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