

APRIL 2001
VOLUME 43
NUMBER 04



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: Photo shows a southwest view of a frame home severely damaged by the Johnston/Atoka County tornado near Milburn, OK, on April 11, 2001. The roof was completely removed and the front and rear walls were blown out. (Photograph courtesy of Dan Miller)

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STORM DATA

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National Climatic Data Center

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

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

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

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

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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:

Storm Data
National Climatic Data Center
151 Patton Avenue
Asheville, NC 28801

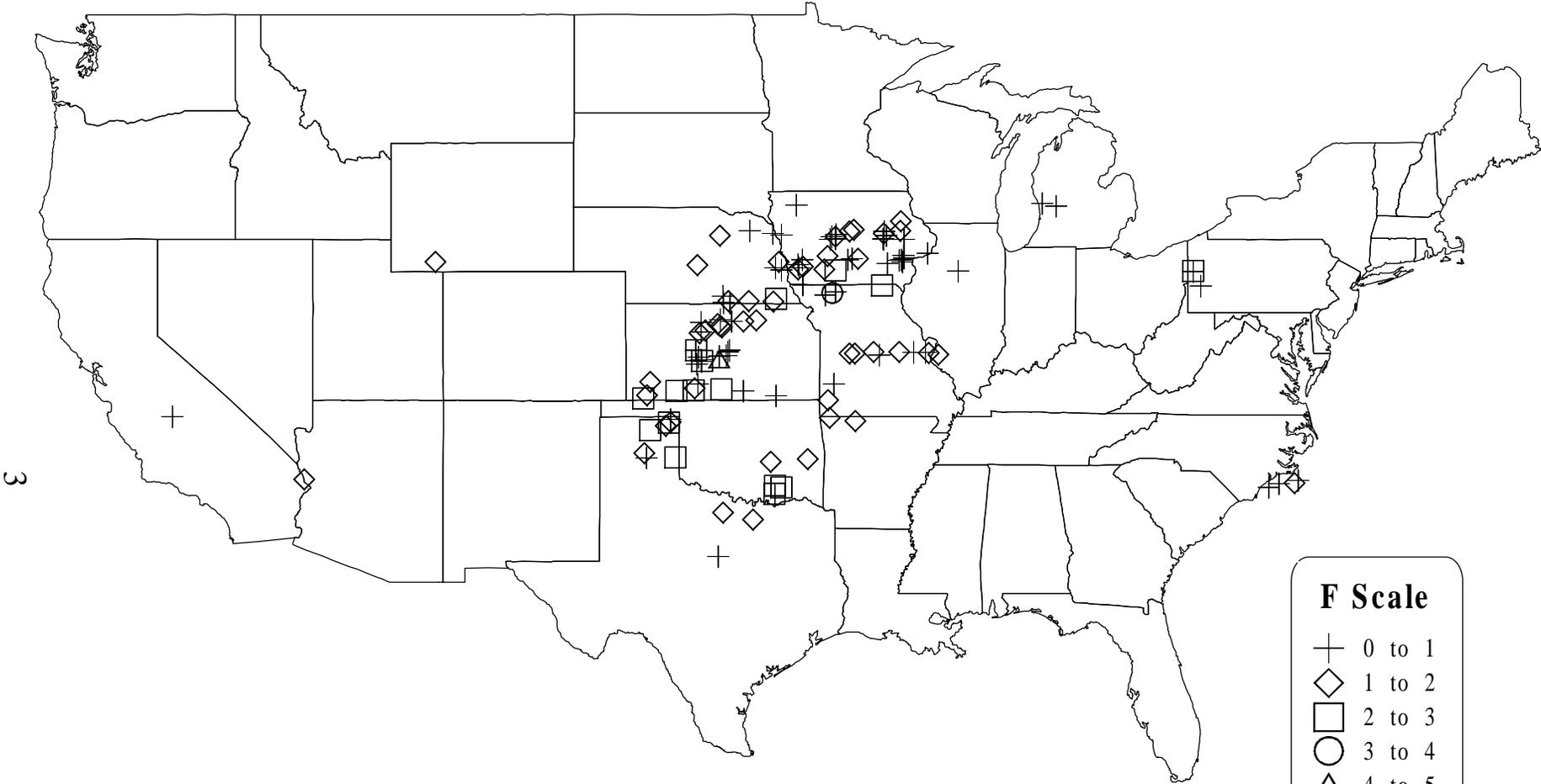
Any such items received by the editor will be for use in **STORM DATA** only. Any other use will be with the permission of the owner of said items. Materials will be returned if requested.

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Thomas R. Karl
Director,
National Climatic Data Center

April 2001 Confirmed Tornadoes



F Scale

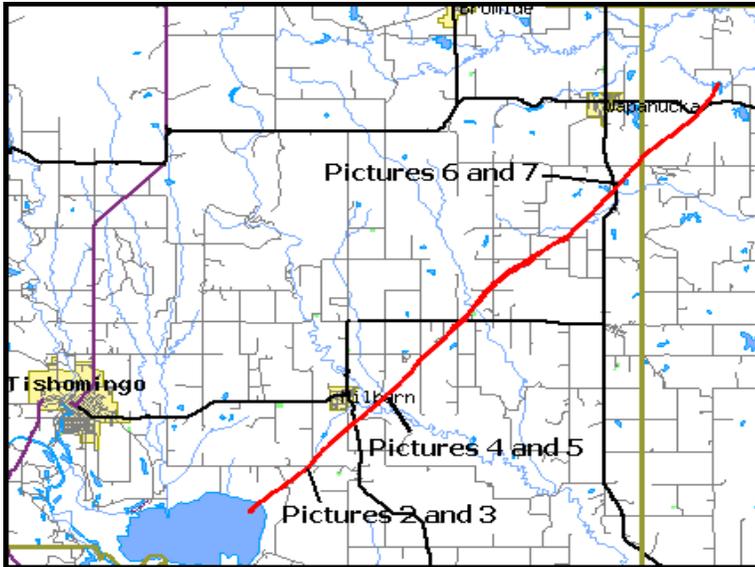
- + 0 to 1
- ◇ 1 to 2
- 2 to 3
- 3 to 4
- △ 4 to 5
- * 5 to 6

F Scale	F0	F1	F2	F3	F4	F5	Total
Number	67	46	16	1	1	0	131

OUTSTANDING STORMS OF THE MONTH

Tornado Outbreak in Oklahoma on April 11, 2001.

Six tornadoes were confirmed crossing southern Oklahoma on the morning of April 11, 2001. Three of the tornadoes, rated F2 on the Fujita tornado Scale (wind speeds of 113 to 157 mph), traveled an average distance of 17 miles and were responsible for one fatality, five injuries, and nearly three million dollars in damage. The tornadoes were mainly associated with two supercell thunderstorms embedded in a line of severe thunderstorms. Prior to tornadic outbreak, a period of unusually strong winds, winds of 40 to 50 mph, lasting for several hours, caused property damage. A wind gust of 73 mph was observed at Marshall, Oklahoma.



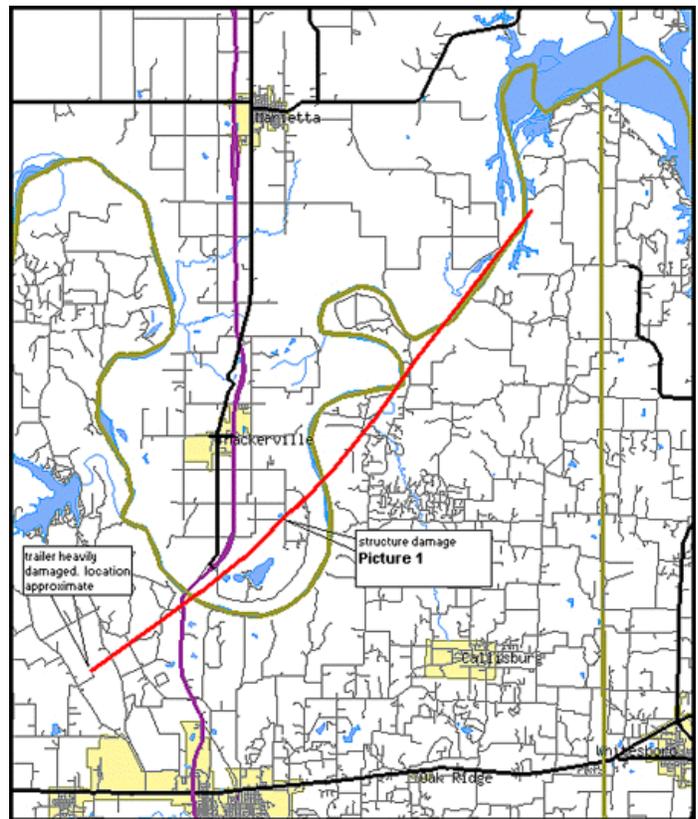
Left: Map of damage path caused by the Johnston/Atoka County tornado. Tornado movement was toward the northeast. *(Map courtesy of Dan Miller)*

Right: Looking northeast, a frame home was severely damaged 1 mile east of Milburn in Johnston County. The roof was completely removed and portions of the front and rear walls were blown out. *(Photograph courtesy of Dan Miller)*





Right: Looking southwest near Packerville, a barn was destroyed. Just northeast of this location, a mobile home was severely damaged, with debris scattered for two miles. *(Photograph courtesy of Dan Miller)*



Left: Map of damage path caused by the Cooke/Love County tornado. As the tornado moved in a northeasterly direction, it crossed the Red River six times. *(Map courtesy of Dan Miller)*

Storm Data and Unusual Weather Phenomena

April 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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ALABAMA, North Central

Franklin County									
Hodges	03	0420CST			0	0	0	0	Hail (0.75)
Penny size hail reported near Hodges in southern Franklin County.									
Dallas County									
Selma	03	0425CST			0	0	0	0	Hail (0.75)
Three quarter inch diameter size hail was reported in Selma.									
Marion County									
Hackleburg	03	0430CST			0	0	0	0	Hail (0.75)
Three quarter inch diameter hail fell in the Hackleburg area.									
Autauga County									
Mulberry	03	0430CST			0	0	0	0	Hail (0.75)
Dime size hail was reported near Statesville or just west of Mulberry.									
Blount County									
Oneonta	03	0435CST			0	0	0	0	Hail (0.75)
Dime size hail was reported in Oneonta.									
Winston County									
Double Spgs	03	0500CST			0	0	32K	0	Lightning
Lightning struck and damaged three separate homes in the Double Springs and Lynn areas.									
Calhoun County									
Piedmont	03	0530CST 0540CST			0	0	0	0	Hail (0.75)
Three quarter inch diameter hail fell across northern Calhoun County from near Webster Chapel to near Piedmont.									
Franklin County									
Hodges	03	0530CST			0	0	0	0	Hail (0.75)
Penny size hail was observed near Hodges in southern Franklin County.									
Autauga County									
Prattville	03	0620CST			0	0	0	0	Hail (0.88)
Dime to nickel size hail was observed in Prattville.									
Cullman County									
Cullman	03	0630CST			0	0	4K	0	Hail (1.75)
Golf ball size hail was reported at the intersection of Interstate 65 and US 278 near Cullman.									
Jefferson County									
Graysville	03	0650CST			0	0	2K	0	Hail (1.25)
Half dollar size hail was reported in Graysville.									
Jefferson County									
Homewood	03	0655CST			0	0	0	0	Hail (0.75)
Dime size hail fell in Homewood.									
Jefferson County									
Gardendale	03	0700CST			0	0	0	0	Hail (0.75)
Jefferson County									
Midfield	03	0712CST			0	0	8K	0	Hail (1.75)
Penny to golf ball size hail was reported from Gardendale and Fultondale to Midfield.									
Walker County									
Carbon Hill	03	0730CST			0	0	0	0	Hail (0.75)
Dime size hail was reported in Carbon Hill.									
Blount County									
Blountsville	03	0808CST			0	0	15K	0	Lightning
Lightning started a house fire in Blountsville.									
Blount County									
Remlap	03	0827CST			0	0	25K	0	Lightning
A barn was destroyed in a lightning caused fire.									
Blount County									
Hendrix	03	0919CST			0	0	12K	0	Lightning
Lightning started a fire in a house about halfway between Snead and Oneonta in the Hendrix area.									
Blount County									
1 NW Hayden	03	0935CST			0	1	5K	0	Lightning
A man working on the roof of his house was injured by lightning.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ALABAMA, North Central</u>									
Blount County									
3 E Remlap	03	1332CST			0	0	20K	0	Lightning
A house fire believed started by lightning occurred in the Pine Mountain area east of Remlap. The fire was believed to have been started by lightning much earlier than the fire was actually reported.									
Clay County									
Lineville	03	0810CST			0	0	0	0	Hail (1.00)
One inch diameter size hail was reported in Lineville.									
Talladega County									
Munford	03	0830CST			0	0	0	0	Hail (0.75)
Dime size hail was observed in Munford.									
Dallas County									
Selma	03	0850CST			0	0	0	0	Hail (0.75)
Dime size hail fell in the Selma area and also in the Marion Junction area.									
Talladega County									
Talladega	03	0945CST			0	0	0	0	Hail (0.75)
Dime size hail fell near Talladega and in several other locations in Talladega County.									
St. Clair County									
Pell City	03	0950CST			0	0	8K	0	Hail (1.50)
One and one half inch diameter size hail was reported in Pell City.									
Walker County									
Countywide	03	1400CST 2000CST			0	0	18K	0	Flash Flood
Numerous roads throughout the county were flooded. Many of these roads were temporarily impassable.									
Colbert County									
Littleville	03	1400CST 1800CST			0	0	8K	0	Flash Flood
Several roads and homes were flooded along US 43 near Littleville. One of the homes suffered significant damage to furniture and appliances. A few other roads in the county were temporarily impassable due to high water.									
Jefferson County									
Countywide	03	1430CST 2000CST			0	0	30K	0	Flash Flood
Many area creeks flowed out of their banks and flooded the roadways. Additional flooding occurred across a large part of eastern Jefferson County. Several homes were flooded in Tarrant City and a few people were rescued from stranded vehicles. As many as 25 roads were closed due to the high water. 24 hour rainfall was estimated at 3 to 5 inches with most occurring in a short period of time.									
Talladega County									
Countywide	03	1500CST 2000CST			0	0	12K	0	Flash Flood
Several roads throughout the county were flooded and temporarily impassible. Rainfall total for 24 hours was estimated at 4 to 5 inches with much of it occurring in a short period of time.									
Talladega County									
Childersburg	03	1520CST			0	0	0	0	Funnel Cloud
Talladega County Emergency Management Agency reported a funnel cloud near Childersburg. Additional similar reports were received from southern Talladega County.									
Clay County									
Countywide	03	1500CST 1900CST			0	0	14K	0	Flash Flood
Several roads throughout the county were flooded and temporarily impassable.									
Tuscaloosa County									
Tuscaloosa	03	1530CST			0	0	0	0	Funnel Cloud
Tuscaloosa County Emergency Management Agency reported a funnel cloud near Interstate 20 at Exit 77.									
Tuscaloosa County									
Brookwood	03	1535CST			0	0	5K	0	Thunderstorm Wind (G50)
Several homeowners in Brookwood reported varying degrees of roof damage which consisted mainly of shingle damage.									
Chilton County									
Jemison	03	1602CST			0	0	0	0	Hail (0.88)
Nickel size hail was reported in Jemison.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ALABAMA, North Central</u>									
Cullman County									
Arkadelphia	03	1700CST 1900CST			0	0	3K	0	Flash Flood
Heavy rainfall of 3 to 5 inches caused many roads in Arkadelphia and the Colony community to become flooded and impassible. Several area creeks and streams were above bank full and flooding.									
Blount County									
Oneonta	03	1700CST 1900CST			0	0	5K	0	Flash Flood
Heavy rainfall in Oneonta caused flooding of two businesses. Several roads were temporarily impassible due to high water in Oneonta and Blountsville.									
Elmore County									
Countywide	03	1900CST 2200CST			0	0	5K	0	Flash Flood
Several roads in Elmore County were temporarily closed due to flooding conditions.									
Montgomery County									
Countywide	03 04	2200CST 0400CST			0	0	5K	0	Flash Flood
A few roads were impassible due to high water. Rainfall amounts ranged from 3 to 8 inches in 24 hours.									
Fayette County									
Fayette	04	0515CST			0	0	0	0	Hail (0.75)
Dime size hail reported near Fayette.									
Tuscaloosa County									
Cottdale	04	0630CST			0	0	0	0	Hail (1.00)
Quarter size hail was observed in Cottdale.									
Sumter County									
Cuba	04	0720CST			0	0	0	0	Hail (0.88)
Dime to nickel size hail was observed in Cuba.									
Hale County									
12 E Moundville	04	0725CST			0	0	5K	0	Hail (1.75)
Golf ball size hail was reported 12 miles east of Moundville.									
Sumter County									
Emelle	04	0750CST			0	0	0	0	Hail (0.75)
Dime size hail fell near Emelle.									
Pickens County									
Pickensville	04	1055CST			0	0	0	0	Hail (0.75)
Three quarter inch diameter size hail was observed in Pickensville.									
Franklin County									
Countywide	04	1100CST 1300CST			0	0	15K	0	Flash Flood
Several counties roads were flooded and temporarily closed due to the high water. One bridge was washed out on CR 23 near SR 24.									
Franklin County									
Russellville	04	1105CST			0	0	0	0	Hail (0.75)
Dime size hail fell in Russellville.									
Pickens County									
Carrollton	04	1117CST			0	0	0	0	Hail (0.75)
Three quarter inch diameter size hail was reported in Carrollton.									
Pickens County									
Reform	04	1120CST			0	0	0	0	Hail (1.00)
Quarter size hail fell in Reform.									
Morgan County									
Countywide	04	1130CST 1330CST			0	0	12K	0	Flash Flood
Several roads were flooded throughout the county and some water entered buildings. Many motorists were stranded in the high water and had to be rescued. Several automobiles were flooded in Decatur.									
Madison County									
Huntsville	04	1430CST			0	0	45K	0	Lightning
Lightning apparently struck a pine tree close to the rear of a house on Carlisle Drive in Huntsville. The lightning traveled down the tree and jumped to guttering and into the house causing a fire that severely damaged the upper floor of the house. The rest of the house suffered smoke and water damage. Lightning detection equipment, part of a joint UAH/NWS project indicated the lightning									

Storm Data and Unusual Weather Phenomena

April 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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ALABAMA, North Central

strike was a positive polarity stroke.

Pickens County

Pickensville	04	1611CST			0	0	0	0	Hail (1.00)
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Nickel to quarter size hail was reported at the Aliceville Lock and Dam.

ALZ006

Madison

10	1500CST			0	0	0	0	Excessive Heat
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The afternoon high temperature recorded at the Huntsville International Airport was 89 degrees. This temperature tied the previous record high temperature.

ALZ006

Madison

11	1500CST			0	0	0	0	Excessive Heat
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The afternoon high temperature measured at the Huntsville International Airport was 88 degrees. This temperature established a new record high temperature.

Tuscaloosa County

Tuscaloosa	29	1430CST			0	0	0	0	Hail (0.75)
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Dime size hail fell near the city of Tuscaloosa.

Tuscaloosa County

Tuscaloosa	29	1510CST			0	0	0	0	Hail (1.00)
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Quarter size hail reported on SR 216 near Tuscaloosa.

Tuscaloosa County

Cottondale	29	1520CST			0	0	0	0	Hail (0.75)
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Dime size hail was observed near Cottondale.

Calhoun County

Ohatchee	29	1702CST			0	0	0	0	Hail (0.75)
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Dime size hail was reported near Ohatchee.

Etowah County

Gadsden	29	1720CST			0	0	70K	0	Thunderstorm Wind (G50)
---------	----	---------	--	--	---	---	-----	---	-------------------------

Wind from a thunderstorm damaged the side of an apartment building on Forest Avenue ripping siding material away. Flying debris also damaged a car.

ALABAMA, Southeast

NONE REPORTED.

ALABAMA, Southwest

Washington County

Millry to Bigbee	03	2030CST 2130CST			0	0	3K	0	Flash Flood
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Heavy rains along County Road 34 caused temporary street flooding between Millry and Bigbee. Several dirt roads that run off of County Road 34 had to be closed until the water drained. Radar estimated that four to six inches of rain fell across the area in a three hour period.

Clarke County

Jackson to Grove Hill	03	2035CST 2135CST			0	0	3K	0	Flash Flood
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Heavy rainfall caused several dirt roads that cross U. S. 43 between Jackson and Grove Hill to temporarily flood. Some of the roads were closed for several hours until the water drained. Radar estimated four to six inches of rain fell across the area in a three hour period.

Choctaw County

Butler	03	2130CST			0	0	20K	0	Lightning
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Lightning struck an abandoned house and caught it on fire. The fire destroyed part of the house before firefighters could extinguish the blaze. No one was injured.

Marengo County

Myrtlewood	04	0600CST 0602CST			0	0		0	Hail (0.75)
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Choctaw County

North Portion	04	0815CST 0900CST			0	0	3K	0	Flash Flood
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Heavy rains across the north part of the county caused temporary flooding of several roads. Several dirt roads were washed out by the heavy rainfall and had to be closed for several hours. Radar estimated four to six inches of rain fell across the area in a three hour period.

Storm Data and Unusual Weather Phenomena

April 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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ALABAMA, Southwest

Washington County

Millry	04	0815CST 0817CST			0	0			Hail (1.75)
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Golfball size hail was reported around Millry. No reports of any damage were received.

Escambia County

Atmore	04	1140CST 1142CST			0	0			Hail (1.75)
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Escambia County

Atmore	04	1145CST 1147CST			0	0			Thunderstorm Wind (G55)
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Escambia County

Canoe	04	1145CST 1147CST			0	0	7K		Hail (1.75)
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Golfball size hail was reported in Atmore and Canoe. No damage from the hail was reported. High thunderstorm winds blew several trees and power lines down just south of Atmore.

Mobile County

Dauphin Is	24	1620CST 1622CST			0	0			Hail (0.75)
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Baldwin County

Orange Beach	24	1755CST 1758CST			0	0			Waterspout
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A waterspout was observed just offshore of Orange Beach. The spout remained offshore for several minutes then dissipated over the water.

ALASKA, Northern

AKZ207-209>211-213>214

Chukchi Sea Coast - Baldwin Pen. & Selawik Valley - Nrn & Intr. Seward Peninsula - Srn Seward Peninsula Coast - St Lawrence Is. Bering Strait - Yukon Delta

02	0915AST				0	0			Blizzard
04	0453AST								

AKZ223-225

Deltana And Tanana - Denali

02	1440AST				0	0			High Wind (G56) ^M
03	0653AST								

AKZ208-216

Lower Kobuk & Noatak Valleys - Lower Koyukuk Middle Ykn Vlys

02	1618AST				0	0			Heavy Snow
03	1200AST								

A strong Low pressure center of 964 Mb moved northeast over the Bering Sea weakening to 980 Mb the evening of the 3rd near Nunivak Island. The associated weather front moved from the southwest Alaska coast on the afternoon of the 2nd to the Alaska-Canada Border on the afternoon of the 3rd. This system brought Blizzard conditions to the west coast of Alaska, Heavy Snow to some parts of Western Alaska, and High Winds through the Alaska Range.

Blizzard Conditions were reported at:

Zone 207: Kivalina
 Zone 209: Selawik, Kotzebue
 Zone 210: Buckland, Deering
 Zone 211: Nome
 Zone 213: Savoonga
 Zone 214: Emmonak, Saint Marys

High Winds reported at:

Zone 223: Delta Junction ASOS: gust to 64 mph.
 Zone 225: Healy: gust to 63mph.

Heavy Snow reported at:

Zone 216: Cooperative Observers: Galena 7-10 inches; Nulato 10-12 inches; Kaltag 6 inches.
 Zone 208: Noatak Co-operative Observer: 6 inches morning of the 3rd.

AKZ207-207>209-211-211-213>214

Chukchi Sea Coast - Lower Kobuk & Noatak Valleys - Baldwin Pen. & Selawik Valley - Srn Seward Peninsula Coast - St Lawrence Is. Bering Strait - Yukon Delta

05	1235AST				0	0			Blizzard
07	0540AST								

A 960 Mb Low moved northeast over the Bering Sea the night of the 5th and continued north on the 6th weakening to 984 Mb over the Chukchi Sea the morning of the 7th.

Blizzard conditions occurred at:

Storm Data and Unusual Weather Phenomena

April 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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ALASKA, Southern

AKZ181-191	Alaska Peninsula - Western Aleutians								
	01	1430AST 2200AST			0	0			High Wind (G55) ^M
	Gusty northwest winds were reported on the back side of a moderate low southeast of the Alaska Peninsula. Gusts reached 63 mph at Atka between 8:15 and 9:15 pm Sun and 63 mph at Chignik at 4:35 pm Sun.								
AKZ161-171	Bristol Bay - Kodiak Peninsula								
	02	1600AST 1900AST			0	0			High Wind (G58) ^M
	A moderate front moving into the area from the south southwest was preceded by locally strong east winds. East winds peaked at 60 mph at Iliamna between 4 and 5 pm Monday. Gusts reached 67 mph at Augustine Island.								
AKZ145	Susitna Valley								
	02	1700AST			0	0			Heavy Snow
	04	0800AST							
AKZ101	Anchorage Muni To Bird Creek								
	02	2000AST			0	0	110K		High Wind (G78) ^M
	03	1100AST							
	In advance of a moderate front, strong, damaging southeast winds hit the Anchorage Municipality Zone Monday. Winds reached 60 + mph along the Upper Hillside by 8 pm Monday. Peak winds reported in the Anchorage area: 90+ mph at Glenn Alps, 88 mph at Rabbit Creek, 73 mph at both Muldoon and Alpenglow.								
	Snow began falling in the Susitna Valley early Monday evening. Trapper Creek reported 16 inches of snow by Tuesday morning. 9 inches of new snow was reported near the Parks Highway at Colorado Lake (3 miles from Igloo) since 7 pm Tuesday, with 30 inches of snow since Sunday (4/1/01).								
AKZ125	Wrn P.W. Snd & Kenai Mtns								
	02	2215AST			0	0			High Wind (G95) ^M
	03	0730AST							
	Southeast winds, in advance of a moderate front, reached 60 + mph at the Portage visitor center beginning around 10:15 pm Monday. Winds peaked at the site at 70 mph around 7 am Tuesday. Near the top of Mount Alyeska, gusts reached 109 mph Tuesday.								
	Snow and blowing snow was reported by the road crew at Thompson Pass. Vehicles were routed through the Pass in convoys for safety reasons. Thirteen inches of snow fell in the Pass during the day Tuesday.								
AKZ185-191-195	Eastern Aleutians - Western Aleutians - Pribilof Islands								
	05	0500AST			0	0			High Wind (G63) ^M
	06	0930AST							
	Westerly winds, on the back side of a low along the Yukon Delta, peaked at 73 mph at Adak around 11 am Thursday, and 62 mph at Shemya numerous times between 9:30 am and 3 pm Thursday.								
	Atka peaked at 71 mph at 10:30 am Thursday. Gusts of 60 mph were recorded around Dutch Harbor between 3 and 4:30 pm Thursday.								
	Winds in the Pribilofs peaked at 68 mph at Saint Paul at 3:30 am Friday and 70 mph at midnight Friday at Saint George.								
AKZ101-125-181-185	Anchorage Muni To Bird Creek - Wrn P.W. Snd & Kenai Mtns - Alaska Peninsula - Eastern Aleutians								
	10	0600AST			0	0	20K		High Wind (G104) ^M
	11	1130AST							
AKZ155-181	Kuskokwim Delta - Alaska Peninsula								
	10	1230AST			0	0			Blizzard
	11	1153AST							
	A moderate low and its occluded front moved into the western Gulf of Alaska Tuesday afternoon. This resulted in channeled winds through Portage Valley and gusty winds along the Anchorage Hillside. Easterly winds reached 60 + mph around 6 pm Tuesday, then peaked at 73 mph twice between midnight and 2 am Wednesday at Portage. Alyeska Mountain winds at mid and top levels were reported gusting to 80 mph. Wind gusts peaked at 68 mph along the Upper Hillside of Anchorage around 2 pm Tuesday, however gusts of 97 mph were recorded in Bear Valley at 11:05 pm Tuesday (gusts still 80-93 mph at report time of 8:25 am Wednesday).								
	Strong north and northwest wind around the back side of this low produced blizzards across the Kuskokwim Delta and the Alaska Peninsula. Spotter reports from King Cove reported a peak wind at an incredible 120 mph at 8:14 pm Tuesday, with additional reports of gusts at 107 mph.								
	Northwest winds peaked at 73 mph across the Eastern Aleutians at Dutch Harbor, reaching 73 mph.								

Storm Data and Unusual Weather Phenomena

April 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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ALASKA, Southern

AKZ125		Wrn P.W. Snd & Kenai Mtns							
	27	2145AST			0	0			High Wind (G69) ^M
		2350AST							

A moderate low moved along the northern Gulf of Alaska coast Friday evening. The occluded front moved inland across mainland Alaska...immediately followed by moderate to strong pressure rises. These pressure rises produced strong channeled easterly winds. Gusts of 60 + mph were reported at Portage at 9:45 pm, peaking there at 79 mph at 11:14 pm Friday.

AMERICAN SAMOA

Tutuila									
Countywide		04 0600SST							
	06	1200SST			0	0			Rip Currents

A strong low pressure off New Zealand moving eastward generated strong swell which produced surf of 10 to 15 feet along south shores of Tutuila. These high surf produced some strong rip currents from Nuuli to Fagaalu and from Lailii to Cape Matatula. No major damages were reported.

Tutuila									
Countywide		09 1600SST							
	16	1600SST			0	0	20K		Rip Currents

A slow moving tropical depression off New Zealand and was moving eastward generated some of the highest surf along south shores of Tutuila in this hurricane season. Surf of 15 to 20 feet were observed from Nuuli to Tula with some surf up to 30 feet were reported from Vailoatai to Vaitogi. The high surf caused some coastal flooding from Matu'u to Leloaloa washing debris and dumb sand and pebbles along the high way creating traffic problems on the 12th and the 13th from Faganeanea to Fatumafuti and along Lailii Tuai and Aua. The Public Works estimated about \$20,000.00 worth of damages and the cost to clear the roads and debris.

Tutuila									
Countywide		28 0600SST							
	30	1600SST			0	0			Rip Currents

Another strong low pressure in a series of systems which developed west of New Zealand and then moved east again generated strong swell which produce surf of 10 to 15 feet along south shores of American Samoa. These high surf create strong rip currents caused some minor coastal flooding at Matu'y, Leloaloa and Aua. Except for clear up work for sand and debris washed onto the roads, very little damages was reported.

ARIZONA, Central and Northeast

AZZ016>017 Eastern Mogollon Rim - White Mountains									
		05 1800MST							
	06	1200MST			0	0			Heavy Snow

An early spring storm moved across northern Arizona and brought heavy snow during the night and most of the morning. The heaviest snow fell in the eastern Mogollon Rim and White Mountains. Some of the snow amounts include: Forest Lakes 15 inches, Alpine 13 inches, Pine 4 inches, and McNary also had 4 inches.

AZZ038 Oak Creek And Sycamore Canyons									
		10 1500MST							
		1800MST			0	0			Heavy Snow

A spring storm moved across northern Arizona bringing accumulating snow. Heavy snow fell for a short period in Oak Creek and Sycamore Canyons during the mid to late afternoon. Three to four inches of snow fell in Sedona and Oak Creek Canyon at elevations at or below 5000 feet. Highway 89A through Oak Creek Canyon was closed because of the heavy snow.

AZZ011>014-040 Chuska Mountains And Defiance Plateau - Little Colorado River Valley In Coconino County - Little Colorado River Valley In Navajo County - Little Colorado River Valley In Apache County - Northeast Plateaus And Mesas South Of Highway 264									
		19 1100MST							
		2000MST			0	0			High Wind (G57) ^M

A spring storm system brought strong winds to northern Arizona. In addition to the wind...many locations had reduced visibility in blowing sand and dust throughout the day. Some of the maximum wind gusts were: Winslow 66 MPH, St Johns 51 MPH, and Window Rock 48 MPH.

ARIZONA, Northwest

Mohave County									
5 SW Bullhead City to	21	1135PST	1	50	0	0			
4 SW Bullhead City		1150PST							Tornado (F1)

A small tornado touched down at the three state junction over the Colorado River. This tornado was over open terrain and no people or structures were affected.

Mohave County									
Bullhead City	21	1207PST			0	0			
		1217PST							Funnel Cloud

Funnel cloud was sighted by a patrol officer behind the 911 operations center.

Storm Data and Unusual Weather Phenomena

April 2001

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

ARIZONA, South

AZZ033	Tucson Metro/Marana/Green Valley								
	05	0300MST			0	0	10K	0	Winter Storm
	06	1000MST							
	Mt. Lemmon received 24 inches of snow and Palisades Ranger station received 12 inches of snow. On the 6th, residents in the Catalina Mountains were without power as seven pine trees toppled on power lines due to the wet and heavy snow. Since roads were impassable past mile post 16, helicopters were used to transport crew to fix the power lines. The Tucson Metro area received .50 to 1.5 inches of rain with minor urban street flooding occurring on the 6th. Blowing dust was also a problem along Interstate 10 near Marana on the 5th.								
AZZ030	Upper Gila River Valley								
	05	0300MST			0	0	0	0	Winter Storm
	06	1210MST							
	Mt. Graham received 20 to 24 inches of snow depending on the location.								
AZZ019	Northern Greenlee								
	05	0300MST			0	0	0	0	Winter Storm
	06	1210MST							
	Hanagan Meadow received 25 inches of snow.								
AZZ035	Cochise County								
	05	0300MST			0	0	0	0	Winter Storm
	06	1210MST							
	The Chiricahua Mountains received 12 inches of snow. Wind gusts of 54 MPH occurred in Douglas and Sierra Vista for a brief period. Blowing dust was also a problem along Interstate 10 near Wilcox on the 5th.								
AZZ034	Santa Cruz County								
	05	0300MST			0	0	0	0	Winter Storm
	06	1210MST							
	Santa Rita Mountains received 12 inches of snow. A low pressure system developed over the Pacific Northwest on the 2nd and then dropped down off the coast of southern California on the 4th. The system moved over Southern Arizona on the 5th and 6th. Sustained winds increased to 25 and 35 MPH with a few RAWs and surface observing sites reporting gusts over 45 MPH. Blowing dust was also a problem along Interstate 10 in Cochise County and Eastern Pima County. Snow levels started out near 8000 feet and dropped to 4500 feet by the 6th. The low pressure system moved over Southern Arizona overnight with convective showers developing within the cold pool. Most of the deserts and valleys received over .5 inches of rain with some minor urban street flooding on the morning of the 6th. As the low pressure system began to lift toward Northern New Mexico on the 6th, the snow level rose to 5000 feet.								

ARIZONA, Southwest

AZZ024	Southern Gila/Tonto Nf Foothills								
	05	1430MST			0	0			Dust Storm
		1500MST							
	A dust storm reduced the visibility at times to near zero in parts of South Central Arizona. Several multiple vehicle accidents were reported on a short stretch of Arizona 287, near Casa Grande. Awnings on mobile homes in Apache Junction were blown off.								

ARKANSAS, Central and North Central

Fulton County									
	1 W Glencoe	03	1700CST		0	0			Hail (0.88)
Fulton County									
	Glencoe	03	1705CST		0	0			Hail (0.88)
Jackson County									
	Newport	03	1730CST		0	0			Hail (0.75)
Jackson County									
	Hickory Grove	03	1740CST		0	0			Hail (1.75)
Sharp County									
	3 SW Cherokee Vlg	03	1740CST		0	0			Hail (0.75)
	Dime sized hail occurred at Highland.								
Jackson County									
	Newport	03	1743CST		0	0			Hail (0.88)
Jackson County									
	Newport	03	1750CST		0	0			Hail (1.75)
Jackson County									
	Campbell Station	03	1755CST		0	0			Hail (2.00)
Jackson County									
	Newport	03	1802CST		0	0			Hail (2.75)

Storm Data and Unusual Weather Phenomena

April 2001

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

ARKANSAS, Central and North Central

Jackson County 4 SE Newport	03	1810CST			0	0			Hail (1.75)
Jackson County Amagon	03	1814CST			0	0			Hail (2.25)



A resident of Amagon (Jackson Co.) holds a hailstone that was just under tennis ball size. The hail was produced by a severe thunderstorm on 04/03/2001.

Just under tennis ball size hail fell in Amagon. The hail knocked out windows, dented cars, and caused extensive property damage...including pocking the vinyl siding at several homes.

Jackson County Beedeville	03	1835CST			0	0			Hail (1.75)
Woodruff County 3 N Morton	03	1955CST			0	0			Hail (0.88)
Johnson County 5 N Clarksville	11	0940CST			0	0	5K		Thunderstorm Wind (G50)
Severe thunderstorm winds damaged the roof and siding of a house 5 miles north of Clarksville. Several trees were also blown down.									
Polk County 5 W Mena	14	1635CST			0	0			Hail (1.75)
Polk County Cove	14	1823CST			0	0			Hail (0.88)
Polk County Mena	14	1829CST			0	0			Hail (0.88)
Garland County Hot Spgs	14	1900CST			0	0	90K		Lightning
Lightning struck a storage building at a business in Hot Springs, resulting in a fire. The fire destroyed the storage building, along with it's contents.									
Hot Spring County 5 NW Rockport	14	1940CST			0	0			Hail (1.75)
Saline County Traskwood	14	2005CST			0	0			Hail (0.75)
Saline County 3 SE Traskwood	14	2010CST			0	0			Thunderstorm Wind (G50)
Several trees were knocked down 3 miles southeast of Traskwood.									
Grant County 3 SW Tull	14	2010CST			0	0			Thunderstorm Wind (G50)
A few trees were blown down.									

Storm Data and Unusual Weather Phenomena

April 2001

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

Grant County

8 NE Sheridan	14	2030CST			0	0	5K		Thunderstorm Wind (G50)
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Severe thunderstorm winds damaged the roofs of several buildings 8 miles northeast of Sheridan.

Jefferson County

1 S Redfield	14	2033CST			0	0			Hail (1.75)
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Jefferson County

Samples to Pine Bluff	14	2035CST 2050CST			0	3			Thunderstorm Wind (G70)
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Straight-line wind gusts up to 80 mph blew a large tree onto an apartment building on 21st and Poplar in Pine Bluff on 04/14/2001.

A cluster of fast-moving severe thunderstorms swept across Jefferson County from Samples to around Pine Bluff, producing straight-line wind gusts up to 80 mph which caused extensive damage. Damage was noted first in the Samples community with a few trees downed along Highway 365. The damage became a little more widespread farther southeast in White Hall. There, more trees were knocked down with several buildings sustaining roof damage. Farther southeast in Dollarway, roof damage occurred at several homes and businesses with billboards blown down. Windows were also blown out of a few homes and businesses, with a trailer completely destroyed when a large tree fell through it. Two people were injured in the trailer. Finally, in Pine Bluff, numerous trees fell on homes and apartment buildings, causing severe structural damage. Some buildings in the downtown area had portions of their brick exteriors collapse, with windows blown out as well. One person sustained minor injuries at a local rail yard.

Jefferson County

Whitehall	14	2040CST			0	0			Thunderstorm Wind (G61)
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Thunderstorm winds gusted to 70 mph at Whitehall.

Jefferson County

Whitehall	14	2040CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds downed several trees in White Hall.

Jefferson County

Pine Bluff	14	2045CST			0	0			Hail (2.00)
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Up to 2 inch diameter hail was reported on the northeast side of Pine Bluff .

Jefferson County

Alzheimer	14	2045CST			0	0			Thunderstorm Wind (G61)
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Storm Data and Unusual Weather Phenomena

April 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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ARKANSAS, Central and North Central



In Altheimer (Jefferson Co.), damaging straight-line winds removed an awning over the pumps at a local gas station on 04/14/2001. Thunderstorm wind gusts were estimated up to 70 mph in Altheimer. Trees were blown down, with one large tree falling on a house. A service station lost the canopy over its fuel pumps, with a few of the pumps heavily damaged.

Jefferson County									
Altheimer	14	2045CST			0	0			Hail (1.75)
Hail up to golfball size was reported in Altheimer.									
Jefferson County									
Altheimer	14	2045CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds downed some trees in Altheimer.									
Jefferson County									
Pine Bluff	14	2050CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees in Pine Bluff.									
Polk County									
Grannis	14	2100CST			0	0			Hail (0.88)
Arkansas County									
4 SW Lodges Corners	14	2100CST			0	0			Thunderstorm Wind (G70)
Deluce		2125CST							

Storm Data and Unusual Weather Phenomena

April 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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ARKANSAS, Central and North Central



A shed was leaning toward the east-southeast in Bayou Meto (Arkansas Co.) on 04/15/2001...the day after severe thunderstorms raced through the area. The storms produced damaging straight-line winds blowing from west-northwest to east-southeast.

A cluster of fast-moving severe thunderstorms produced straight-line wind gusts up to 80 mph and caused extensive damage in Arkansas County. Damage was first noted about 4 miles southwest of Lodge Corner where power lines were downed. Farther east, a number of trees were knocked down, with one tree on a parsonage. Tin was removed from a roof about 2 miles east of Bayou Meto. About 4 miles south of DeWitt, a storage shed was tipped over and a hay barn was destroyed. A little farther east, several power poles were blown down roughly 4 miles northwest of Deluce. In Deluce, a large tree fell on the roof of a building, with windows blown out of several buildings. Also, a shed collapsed on a combine and power poles and lines were downed.

Arkansas County Bayou Meto	14	2105CST			0	0			Hail (1.75)
	Hail up to golfball size was reported in Bayou Meto.								
Arkansas County 4 SE De Witt	14	2115CST			0	0			Thunderstorm Wind (G50)
	A severe thunderstorm knocked down a number of trees.								
Desha County 5 NE Snow Lake	14	2145CST			0	0			Hail (0.75)
Pike County Salem	14	2145CST			0	0			Hail (0.75)
Boone County Gaither	15	0128CST			0	0			Thunderstorm Wind (G52)
	Numerous large tree limbs were knocked down.								
Boone County 4 N Harrison	15	0128CST			0	0			Thunderstorm Wind (G50)
	Several large tree limbs were blown down.								
Boone County 4 N Harrison	15	0128CST			0	0			Hail (0.75)
Boone County Bergman	15	0130CST			0	0			Thunderstorm Wind (G50)
	Severe thunderstorm winds downed several trees.								
Boone County Lead Hill	15	0130CST			0	0			Thunderstorm Wind (G50)
	Thunderstorm winds blew down some trees.								
Marion County Yellville	15	0150CST			0	0			Thunderstorm Wind (G50)
	Several trees were blown down.								
Marion County Yellville	15	0150CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ARKANSAS, Central and North Central</u>									
Izard County									
Melbourne	15	0225CST			0	0			Thunderstorm Wind (G50)
									Trees and power lines were blown down.
Fulton County									
Salem	15	0230CST			0	0			Thunderstorm Wind (G52)
									Thunderstorm winds gusting to 60 mph blew down some large tree limbs in Salem.
Sharp County									
2 W Cave City	15	0245CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds knocked the tops out of trees.
Independence County									
Batesville	15	0245CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed some trees and power lines in Batesville.
Independence County									
Oil Trough	15	0253CST			0	0			Thunderstorm Wind (G53) ^M
Independence County									
Oil Trough	15	0256CST			0	0			Thunderstorm Wind (G54) ^M
Jackson County									
Jacksonport	15	0300CST			0	0			Thunderstorm Wind (G50)
									Trees and power lines were blown down in Jacksonport.
Jackson County									
Newport	15	0305CST			0	0			Thunderstorm Wind (G50)
									Severe thunderstorm winds downed trees and power lines.
Jackson County									
Tuckerman	15	0310CST			0	0			Thunderstorm Wind (G50)
									Trees and power lines were blown down.
Jackson County									
Amagon	15	0315CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed a number of trees and power lines.
<u>ARKANSAS, East</u>									
Poinsett County									
2 W Waldenburg	03	1830CST 1835CST			0	0	0.05K		Hail (0.88)
Craighead County									
2 SW Jonesboro	03	1840CST 1845CST			0	0	0.01K		Hail (0.75)
Cross County									
Hickory Ridge	03	1905CST 1910CST			0	0	5K		Hail (1.75)
									Some car windows were broken.
Cross County									
5 NW Wynne	03	1923CST			0	0	0.75K		Hail (1.75)
Cross County									
5 E Wynne to Wynne	03	1940CST 1950CST			0	0	7.6K		Hail (2.75)
									Hail ranged in size from quarters to baseballs.
St. Francis County									
Forrest City	03	2005CST 2020CST			0	0	5K		Thunderstorm Wind
									One building was damaged. Some trees were blown down.
St. Francis County									
Colt to Hughes	03	2030CST 2035CST			0	0	10K		Hail (2.75)
									Thirty-three cars on a used car lot in Colt were damaged by the hail.
St. Francis County									
2 W Hughes	03	2111CST 2115CST			0	0	0.01K		Hail (0.75)
Phillips County									
Elaine	14	2140CST			0	0	5K		Thunderstorm Wind
									More than a dozen power lines were blown down.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ARKANSAS, East</u>									
Craighead County									
Cash	15	0325CST 0330CST			0	0	0.01K		Hail (0.75)
Poinsett County									
Harrisburg	15	0335CST 0340CST			0	0	0.01K		Hail (0.75)
Mississippi County									
Luxora	15	0400CST 0405CST			0	0	0.01K		Hail (0.75)
Mississippi County									
Osceola	15	0405CST 0410CST			0	0	75K		Thunderstorm Wind
A hotel had its metal roof torn off and had its doors blown off. Several cars were damaged near the hotel. One business had its plate glass window demolished. Another business had two buildings damaged. Several power lines and power poles were blown down.									
Crittenden County									
Earle	15	0410CST 0415CST			0	0	25K		Thunderstorm Wind
A roof was blown off of a clinic. Several signs were knocked down. Several houses had trees on top of them with one house receiving major damage.									
<u>ARKANSAS, Northwest</u>									
Crawford County									
5 N Van Buren	11	0705CST			0	0	0.10K		Thunderstorm Wind
Thunderstorm winds blew down large tree limbs.									
Sebastian County									
Ft Smith	11	0710CST			0	0	0.50K		Thunderstorm Wind (G52)
60 mile an hour thunderstorm winds blew down a few signs.									
Benton County									
Siloam Spgs to Sedalia	11	0735CST			0	0	0.10K		Thunderstorm Wind
Thunderstorm winds blew down large tree limbs.									
Sebastian County									
2 S Lavaca	11	0740CST			0	0	0.10K		Thunderstorm Wind
Thunderstorm winds blew down trees onto Highway 22.									
Benton County									
Gravette	11	0750CST			0	0	0.10K		Thunderstorm Wind
Thunderstorm winds blew down a few trees.									
Franklin County									
1 W Charleston	11	0825CST			0	0	0.10K		Thunderstorm Wind
Thunderstorm winds blew a large tree down onto Highway 22.									
Madison County									
Huntsville	11	0900CST			0	0			Thunderstorm Wind (G52)
Carroll County									
Berryville	11	0920CST			0	0	0.10K		Thunderstorm Wind
Thunderstorm winds blew down large trees.									
Benton County									
Highfill	15	0051CST			0	0	1M		Thunderstorm Wind (G86) ^M
99 mile an hour thunderstorm winds did serious damage to three hangars and a few planes at Northwest Arkansas Regional Airport.									
Washington County									
Springdale	15	0107CST			0	0	0.10K		Thunderstorm Wind
Thunderstorm winds blew a tree down onto Highway 412.									
Benton County									
Wareagle	15	0110CST			0	0	0.10K		Thunderstorm Wind
Thunderstorm winds blew down large tree limbs.									
Carroll County									
5 SW Eureka Spgs	15	0110CST			0	0	0.10K		Thunderstorm Wind
Thunderstorm winds blew down a tree at Beaver Lake.									
Carroll County									
Berryville	15	0130CST			0	0	3K		Thunderstorm Wind
Thunderstorm winds blew down power lines which caused a power outage to 2000 Berryville area residents.									

Storm Data and Unusual Weather Phenomena

April 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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ARKANSAS, Northwest

Madison County									
7 N Kingston	15	0130CST			0	0	0.10K		Thunderstorm Wind
Thunderstorm winds blew down large tree limbs.									
Madison County									
Pettigrew	15	0200CST			0	0			Hail (0.75)
Franklin County									
1 E Ozark	15	0235CST			0	0	0.10K		Thunderstorm Wind
Thunderstorm winds blew down a large tree limb.									
Crawford County									
3 N Mulberry	15	0246CST			0	0			Hail (0.88)
Sebastian County									
Greenwood	15	0320CST			0	0			Hail (0.75)
Benton County									
Siloam Spgs	23	0005CST			0	0			Thunderstorm Wind (G52)
Sebastian County									
Greenwood	23	0442CST			0	0	0.50K		Thunderstorm Wind
Thunderstorm winds blew down several signs.									

ARKANSAS, Southeast

NONE REPORTED.

ARKANSAS, Southwest

Miller County									
Fouke	14	0435CST			0	0			Hail (0.75)
Lafayette County									
10 NE Bradley	14	0510CST			0	0			Thunderstorm Wind (G52)
Trees were toppled along Hwy 53 just north of Walker Creek. No damage to homes or structures occurred.									
Columbia County									
Emerson	14	0530CST			0	0			Hail (0.88)
Columbia County									
Emerson	14	0730CST			0	0			Hail (0.88)

CALIFORNIA, Extreme Southeast

NONE REPORTED.

CALIFORNIA, North Central

NONE REPORTED.

CALIFORNIA, Northeast

CAZ070									
Surprise Valley									
02		2030PST			0	0			Heavy Snow
03		0430PST							
Spotter in Modoc County, CA reported 6 inches in 8 hours at Eagleville.									
CAZ071									
Lassen/Eastern Plumas/Eastern Sierra									
03		0150PST			0	0			Heavy Snow
		0650PST							
Spotter in Lassen County reported heavy snowfall of 5 inches in 5 hours at Westwood, CA.									
CAZ071									
Lassen/Eastern Plumas/Eastern Sierra									
06		0800PST			0	0			Winter Storm
07		0800PST							
Spotter in Portola, CA reported 9 inches of snow in 24 hours.									
CAZ073									
Mono									
06		1732PST			0	0			Heavy Snow
07		0532PST							
Spotter in Mammoth Lakes, CA reported 12 inches of snow in 12 hours.									
CAZ072									
Greater Lake Tahoe Area									
06		1800PST			0	0			Winter Storm
07		0600PST							
Squaw Valley and Alpine Meadows ski areas in CA reported 12-23 inches of snow above 8,000 feet in 12 hours.									

Storm Data and Unusual Weather Phenomena

April 2001

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

CAZ072	Greater Lake Tahoe Area								
	06	1900PST			0	0			Winter Storm
	07	0700PST							
	Caltrans reported 10-12 inches of snow in 7-12 hours at Donner Summit, Meyers, and Echo Summit in CA.								
CAZ072	Greater Lake Tahoe Area								
	06	2030PST			0	0			Heavy Snow
	07	0830PST							
	Spotters at Lake City, Portola, Tahoe Donner, and Sattely in CA reported 6-10 inches of snow in 12 hours below 7000 feet.								
CAZ072	Greater Lake Tahoe Area								
	06	2100PST			0	0			Heavy Snow
	07	0100PST							
	Spotters in Mammoth Lakes, Truckee, Tahoe City, Portola, and Yuba Pass in CA reported 4-9 inches of snow in 4 hours.								
CAZ073	Mono								
	06	2110PST			0	0			Winter Storm
	07	0910PST							
	Spotter in Lee Vining, CA reported 8 inches in 12 hours and a spotter in Mammoth Lakes, CA reported 18 inches in 12 hours.								
CAZ071	Lassen/Eastern Plumas/Eastern Sierra								
	11	1237PST			0	0			Heavy Snow
		1437PST							
	Spotter near Doyle, CA reported 5 inches of snow in 2 hours.								
CAZ073	Mono								
	19	2000PST			0	0			Heavy Snow
	20	0722PST							
	Spotter in Mammoth Lakes, CA reported 13 inches of snow in 11.5 hours.								
CAZ072	Greater Lake Tahoe Area								
	20	2200PST			0	0			Winter Storm
	21	1000PST							
	Spotters in Woodsford and Markleville, CA reported 12 inches of snow in 12 hours.								
CAZ073	Mono								
	20	2200PST			0	0			Winter Storm
	21	1000PST							
	Spotter in June Lake reported 10 inches of snow in 12 hours.								
CAZ073	Mono								
	20	2200PST			0	0			Heavy Snow
	21	1000PST							
	Spotter in Coleville, CA reported 4 inches of snow in 7 hours.								

CALIFORNIA, Northwest

CAZ076	Mendocino Interior								
	08	1800PST			0	0			Heavy Snow
	09	0340PST							
	Up to seven inches of snow fell above 4000 feet.								
CAZ004-076	Upper Trinity River - Mendocino Interior								
	19	1800PST			0	0			Heavy Snow
	20	1600PST							
	Eight inches of snow fell above 4000 feet with six inches falling as low as 2200 feet.								

CALIFORNIA, South Central

CAZ099	Se Kern Cty Desert								
	02	1047PST			0	0			Wind
		1411PST							
	Gusty wind in the SE Kern County Desert area. Localized high wind with the Mojave area reaching 60 KTS at 1047 PST and gusts to 55 KTS at 1146 PST. Laurel Mountain in the desert reported wind at 42 MPH with gusts to 52 MPH at 1413 PST.								
CAZ089>091	W Central Sj Valley - E Central Sj Valley - Sw Sj Valley								
	04	0429PST			0	0	31.9M		Freeze
		0629PST							
	A relatively late spring frost, in pockets, did extensive damage to San Joaquin Valley grapes and, to a lesser extent, some other fruits in Merced, Madera, Fresno, and Kings Counties. Temperatures were unofficially reported as low as 27 degrees F. in Madera County. In combination with rain and hail events in the first three weeks in April, the continued cool spell did extensive damage to the numerous crops maturing or being planted. These damage figures assigned to frost could very well have been caused on the morning of the 8th, especially for Merced and Madera County areas. Specifically assigned damage figures by county: Fresno \$14.0M, Kings \$1.1M, Madera \$16.4M, and Merced \$0.4M.								

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
CALIFORNIA, South Central									
CAZ096>097	S Sierra Mtns - Tulare Cty Mtns								
	06	1400PST			0	0			Winter Storm
	07	2200PST							
CAZ095	Kern Cty Mtns								
	06	2200PST			0	0			Winter Weather
	07	1500PST							
Winter storm verification occurred for the Southern Sierra Nevada from the Kern County line northward through Yosemite National Park with heavy snow reported: Fish Camp 12" by 07/0551 PST; Hume Lake 20" by 07/1600 PST; Lodgepole 23" by 07/0600 PST. The Kern County Mountains had lighter snow amounts but gusty wind: Greenhorn Summit/Alta Sierra 11.5" by 07/0653 PST; Tehachapi 1.5"; and Jawbone Canyon Remote Automatic Weather Station gusting to 55 MPH.									
CAZ095-098>099	Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert								
	07	0700PST			0	0			Wind
		2200PST							
Gusty wind conditions occurred through the Kern Mountains and Desert regions on the 7th of the month: Indian Wells Canyon had wind gusts to 67 MPH at 1413 PST; Laurel Mountain gusts to 48 MPH at 0700 PST; Edwards AFB Wind Tower gusts to 47 MPH at 1800 PST; and, Jawbone Canyon gusts to 55 MPH.									
Merced County									
5 SE Merced to 7 SE Merced	07	1621PST			0	0	220K		Hail (0.75)
		1630PST							
Fresno County									
Fresno	07	1855PST			0	0	10.4M		Hail (0.75)
		1900PST							
Madera County									
16 NW Madera to 10 SE Madera	07	1910PST			0	0	7.8M		Tstm Wind/Hail
		1940PST							
Kings County									
15 W Hanford to 10 E Hanford	07	1940PST			0	0	3.8M		Tstm Wind/Hail
		2030PST							
Tulare County									
Traver to Orosi	07	2015PST			0	0	19M		Tstm Wind/Hail
		2040PST							
Heavy rain and hail (often less than 3/4-inch) accompanying widespread convective activity through Interior Central California late in the afternoon and early evening of Saturday, April 7th, caused extensive damage to agriculture. Although isolated severe hail swaths occurred and some were defined as technically non-severe, widespread heavy rain in conjunction with the hail damaged young fruit, grape, grain, and early planted cotton crops in several counties. The crop damage figures should be considered approximate because they are in conjunction and need to be summed with the crop damage figures reported for the April 4th freeze and frost event through much of the same area.									
Fresno County									
Clovis	07	1958PST	0.3	10	0	0	150K		Tornado (F0)
		2003PST							
Post storm analysis and evaluation yielded a 0.3 mile swath for a small F0 tornado through an older, residential neighborhood of Clovis, CA, 2 miles northeast of the Fresno Air Terminal. No injuries were reported with damage essentially limited to uprooted trees, roof, small structure, and fence damage. Confirmation was determined by damage evidence and eyewitness reports. Interesting Note: One of the uprooted trees was a replacement from its predecessor damaged from the 1980 Fresno Air Terminal tornado!									
CAZ095	Kern Cty Mtns								
	09	1600PST			1	0			Thunderstorm
		1800PST							
Cold frontal passage and spring thunderstorms through Interior Central California during the afternoon hours resulted in low snow levels in shower activity. In the Kern Mountains, snow clogged Interstate-5 with 1-inch of snow caused a traffic death near Lebec. F34VE									
CAZ090	E Central Sj Valley								
	12	1200PST			0	0			Dust Storm
	13	1800PST							
A dust storm that started in Mongolia and picked up industrial pollution from China spread haze across the west quarter of the United States, including the Interior Central California CWFA. Despite cloudless skies, the high level haze provided an unusual appearance to the sky.									
CAZ093>094- 096>097	S Sierra Foothills - Tulare Cty Foothills - S Sierra Mtns - Tulare Cty Mtns								
	20	1500PST			0	0			Winter Storm
	21	0300PST							

Storm Data and Unusual Weather Phenomena

April 2001

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

CALIFORNIA, South Central

CAZ095	Kern Cty Mtns								
	20	2200PST			0	0			Winter Weather
	21	0300PST							

A late season major snow storm swept over the mountain areas of Interior Central California. Snow amounts reported at elevations less than 4000 feet MSL: 6" at North Fork; 4" at Oakhurst; 6" near Coarsegold; and 4-6" by Sequoia Park at elevations at 3000 feet MSL. In the Kern Mountains above 4000 feet MSL: Tehachapi and Bear Valley 4"; Frazier Park 3"; and light snow accumulations on Interstate-5 over the Grapevine and Highway 58 through Tehachapi Pass. Accompanying winds gusted to 54 MPH through Jawbone Canyon in the Kern Mountains. In the higher elevations, snow amounts reported: Fish Camp 12"; Yosemite 16" at 6000 feet MSL (trees downed from heavy snow and wind); Hockett Meadow at 8200 feet MSL and Lodgepole 20"; Grant Grove 12"; and Mountain Home at 5400 feet MSL 13".

Madera County 3 SW Chowchilla	20	1830PST			0	0			3.3M Small Hail
		1900PST							

Small hail southwest of Chowchilla caused more than \$3.25M in damage to 600 acres of apples and 40 acres of cherries.

Fresno County 6 N Fresno	20	1955PST			0	0	350K		Thunderstorm Wind (G50)
		2000PST							

Storm analysis and survey concluded that two straight line wind events occurred within a few minutes of each other in and around the California State University Campus in North Fresno. An initial gust from the southwest was followed closely by another from the west-northwest. Large trees and roof damage was noted in clearly distinct damage areas. Some evidence existed for rotation by debris but the likely culprit was some gustnado action on the leading edge of the outflows. Convection was noted on radar immediately to the south and west at the time of the event but note overhead. The largest damage track was close to 0.75 miles and up to 1/8 mile wide.

CAZ095-098>099	Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert								
	21	0600PST			0	0			Wind
		1700PST							

Gusty wind through the Kern County Mountains and Desert on the 21st of the month: Jawbone Canyon had gusts to 58 MPH at 1100 PST; Indian Wells Canyon 58 MPH at 0715 PST; and Mojave Fire Station reported wind at 40 to 60 MPH through the morning hours.

Kings County 10 S Kettleman City to 20 S Kettleman City	26	1605PST			0	0			Thunderstorm
		1635PST							

A thunderstorm with impressive radar signatures of 63 dbz reflectivity and a VIL of 55 were observed in a remote corner of Kings and ultimately Kern Counties of Central California. No reports of damage were received from the lone tower thunderstorm during the late afternoon of the 26th.

CALIFORNIA, Southeast

San Bernardino County 9 N (Eed)Needles Arpt 10 N (Eed)Needles Arpt	21	1135PST	1	50	0	0			Tornado (F1)
		1150PST							

A small tornado touched down at the three state junction over the Colorado River. This tornado was over open terrain and no people or structures were affected.

CALIFORNIA, Southwest

CAZ055	San Bernardino County Mountains								
	02	0348PST			0	0			Fog
		0614PST							

Visibility of 100 feet or less was reported from the north side of the Cajon Pass to Running Springs at the 4000 foot level.

CAZ055	San Bernardino County Mountains								
	06	1702PST			0	0			Fog
		1746PST							

Visibility below 300 feet was reported between Big Bear and Arrowhead.

CAZ055	San Bernardino County Mountains								
	07	0130PST			0	0			Heavy Snow
		1300PST							

Two to four inches of snow fell at the 6000 foot level and six to twelve inches of snow fell above 8000 feet from early morning to early afternoon. Light to moderate snow continued into the evening hours. One person was injured when he drove off the road and down a 25 foot embankment. Sixteen campers were rescued after their vehicles became bogged down in the mud and snow.

Storm Data and Unusual Weather Phenomena

April 2001

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

Riverside County

2 S Banning to 7 S Banning	21	0510PST			0	0			Urban/Sml Stream Fld
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Mud, rock slides, and minor flooding occurred over highways and Interstates along and through the mountains and foothills. At elevations above 4000 feet, 2 to 4 inches of snow fell.

San Diego County

San Marcos to Vista	21	0758PST 0819PST			0	0			Tstm Wind/Hail
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Pea size hail and with wind gusts estimated between 45 and 60 mph were reported by spotters.

CALIFORNIA, Upper

NONE REPORTED.

CALIFORNIA, West South Central

Santa Barbara County

1 E Carpinteria	05	0615PST 0630PST			0	1			Small Hail
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An isolated thunderstorm generated one-quarter inch hail that accumulated up to one inch along Bates Road near the border of Santa Barbara and Ventura counties. Twenty vehicles were damaged and one person was injured.

CAZ053>054

Ventura County Mountains - Los Angeles County Mountains Excluding The Santa Monica Range	07	0300PST 1900PST			0	0			Winter Storm
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Winter storm conditions developed across the mountains of Ventura and Los Angeles counties. Above 4000 feet, snowfall totals ranged between 4 to 14 inches. In addition, gusty southerly winds of 40 to 50 MPH combined with the snow to reduce visibilities to near zero at times.

CAZ053>054

Ventura County Mountains - Los Angeles County Mountains Excluding The Santa Monica Range	09	1100PST			0	0			Heavy Snow
	10	0200PST							

A quick moving storm brought heavy snow to the mountains of Ventura and Los Angeles counties. Snowfall totals ranged between 6 to 14 inches above 4000 feet.

Los Angeles County

1 S Baldwin Hills	20	2230PST			0	1			Thunderstorm Wind (G50)
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Strong thunderstorm winds struck Los Angeles county, near the community of Baldwin Hills. Two 4 inch diameter trees and one 2 foot diameter tree were blown down along South Redondo Avenue, near the intersection of La Brea Avenue and Jefferson Boulevard. One person was injured when his vehicle ran into the debris along South Redondo Avenue.

CAZ047

Los Angeles County Valleys	24	1230PST			0	0			Dust Devil
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A dust devil developed over White Oak Elementary School in the community of Westlake Village. A large canopy was damaged. Also, some minor roof damage was reported.

CALIFORNIA, Western

NONE REPORTED.

COLORADO, Central and Northeast

Sedgwick County

6 W Sedgwick	02	2345MST			0	0	0		Hail (1.00)
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COZ034>036

S & Se Grand / W Central & Sw Boulder / Gilpin / Clear Creek / Summit / N & W Park Counties Above 9000 Feet - Larimer & Boulder Counties Between 6000 & 9000 Feet - Jefferson & W Douglas Counties Above 6000 Feet / Gilpin / Clear Creek / Ne Park Counties Below 9000 Feet	10	1700MST			0	0			0 Winter Storm
	11	1100MST							

A potent spring snowstorm brought heavy snow to portions of the North Central Mountains and Front Range Foothills. Storm totals included: 17 inches at Genesee, 16 inches at Rollinsville, 15 inches at Breckenridge Ski Area, 14 inches, 1 mile east of Buckhorn Mountain, the Eisenhower Tunnel and Intercanyon, 13 inches at Berthoud Ski Area, Coal Creek Canyon, 5 miles south of Evergreen and Winter Park, 12 inches at Loveland Ski Area, 11 inches at Aspen Springs, Chief Hosa and 1 mile northwest of Allenspark, 10 inches, 3 miles north of Blackhawk and 9 inches atop Crow Hill. Elsewhere snowfall totals ranged from 4 to 8 inches.

Storm Data and Unusual Weather Phenomena

April 2001

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

COZ038>041-043	Larimer County Below 6000 Feet / Nw Weld County - Boulder & Jefferson Counties Below 6000 Feet - N Douglas County Below 6000 Feet / Denver / W Adams & Arapahoe Counties - Elbert / C & E Douglas Counties Above 6000 Feet - C & S Weld County								
	10	2000MST			0	0			Winter Storm
	11	0600MST							
COZ042-044>046-048>050	Ne Weld County - Morgan County - C & E Adams & Arapahoe Counties - N & Ne Elbert County Below 6000 Feet / N Lincoln County - Logan County - Washington County - Sedgwick County								
	11	0600MST			0	0			Blizzard
		1800MST							
COZ038>041-043	Larimer County Below 6000 Feet / Nw Weld County - Boulder & Jefferson Counties Below 6000 Feet - N Douglas County Below 6000 Feet / Denver / W Adams & Arapahoe Counties - Elbert / C & E Douglas Counties Above 6000 Feet - C & S Weld County								
	11	0600MST			0	0	3.1M		Blizzard
		1100MST							

The spring storm that moved into eastern Colorado developed into a blizzard across the Northeast Plains as an intense surface cyclone formed. The combination of freezing rain, followed by heavy snow and damaging winds led to widespread electrical outages. Snowfall totals generally ranged from 6 to 18 inches. The heaviest snow occurred near the Front Range Foothills, the Palmer Divide, stretching from just south of Denver, then east and northeast into northern Lincoln and Washington Counties, and near the Nebraska state line. Sustained winds from 35 to 58 mph with gusts to around 75 mph were recorded. Snow drifts up to 10 feet deep were reported around Limon. Elsewhere, snow drifts from 3 to 6 feet deep were observed. Interstate 25 was closed at Lincoln Avenue, cutting off access from Denver south to Colorado Springs. To the north, I-25 was closed just south of the Wyoming border. Interstate 70 was also closed from Gun Club Road, east of Denver, to the Kansas state line.

Denver International Airport was completely shut down for the first time in its brief 6-year history. Power surges and outages constantly crippled the airport's massive computer system. The airport was closed at 5 am and did not reopen until mid-afternoon. Power outages affected nearly all of northeast Colorado. Some areas only had scattered outages for a few hours, while more remote areas were blacked out for over a week. The only businesses that remained open during the storm, were those utilizing backup generators. As a result, most businesses were closed and school classes canceled. Overall, 220,000 Xcel Energy customers were affected, making it the worst outage in the company's history. Previously, the worst event occurred in September of 1995, when downed trees and branches from a snowstorm left 100,000 customers without electricity. Overall, at least 500 poles were downed or damaged during the storm. The company replaced 120 electrical poles, repaired 180 additional poles, and repaired or replaced another 400 cross-arms. Approximately \$1.6 million was spent on repairs across northeastern Colorado.

Other rural eastern Colorado electric companies suffered significant damage as well. Highline Electric in Holyoke lost 1000 poles. Mountain View of Limon lost 450 poles and 7 transmission lines. Morgan County Regional Electric Association lost 500 poles. United Power of Brighton lost over 300 poles. Y & W of Akron lost 200 poles and Poudre Valley of Fort Collins lost another 100 poles. Damage estimates to these companies were at least \$1.5 million.

In Morgan County, winds gusts to 76 mph leveled the screen at a historic drive-in movie theater. The wind also blew off a membrane protecting a section of roof under repair at Fort Morgan High School. In Washington County, four railroad cars containing empty cargo trailers, stacked two deep, were blown off the tracks. Near Akron, three young boys who were sledding got disoriented during the storm and became lost. They were found safely after a brief search.

Along the Urban Corridor, storm totals included: 18 inches in southeast Aurora, 16 inches at Centennial Airport, and Parker, 14 inches at Broomfield, 13 inches at Louisville and 4 miles west of Jamestown, 12 inches at Lakewood and Morrison, 11 inches at Ken Caryl and Thornton, 10 inches, 7 miles northwest of Elizabeth, 1 mile west of Larkspur, the former Stapleton Airport and Wheat Ridge, 9 inches at Westminster and 8 inches at Littleton. Elsewhere, snow amounts ranged from 3 to 7 inches.

Across the Northeast Plains, storm totals included: 12 inches at Akron, 11 inches at Limon, 9 inches, 4 miles northwest of Greeley, 8 inches at Julesburg, Grover and Sedgwick, 7 inches, 1 mile north of Strasburg, with 6 inches, 3 miles northwest of Deer Trail, Frederick, Greeley, 4 miles west of Hudson. Elsewhere, snow amounts ranged from 2 to 5 inches.

Peak wind gusts included: 76 mph (66 kts) at Fort Morgan, 70 mph (60 kts) at Akron Airport, 68 mph (59 kts) at Limon Airport, 60 mph (52 kts) at Denver International Airport and 4 miles east of Haxtun. At the Limon Airport, sustained winds to 58 mph (50 kts) were recorded for several hours during the morning.

Adams County									
1 N Strasburg	20	1507MST			0	0			Thunderstorm Wind (G58) ^M

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					Killed	Injured	Property	Crops	

COLORADO, Central and Northeast

Adams County

26 E Strasburg to 10 NE Strasburg	20	1538MST			0	0			Thunderstorm Wind (G50)^M
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COZ050

Sedgwick County

20	1700MST				0	0	60K		High Wind (G78)
	1800MST								

High winds, a product of an intense surface pressure gradient and strong thunderstorm outflow, caused significant damage 12 miles southeast of Holyoke. The owner of a feedlot, suffered damage to his home as well as his feedlot facilities. The wind, estimated up to 90 mph (78 kts) broke the eave on the roof of his home, allowing rain to pour into the residence, down a wall and into the basement. The wind also toppled an irrigation sprinkler and two portable calf barns in a nearby field. One of the calf barns was thrown 200 yards, with pieces of the building dropped a quarter of a mile away. Damage to his property alone was estimated at \$60,000. Another farmer lost two grain bins. In addition, a local electric company lost another 60 poles to the high winds. The poles were replacements to the ones destroyed in the blizzard the previous week.

COZ034>037

S & Se Grand / W Central & Sw Boulder / Gilpin / Clear Creek / Summit / N & W Park Counties Above 9000 Feet - Larimer & Boulder Counties Between 6000 & 9000 Feet - Jefferson & W Douglas Counties Above 6000 Feet / Gilpin / Clear Creek / Ne Park Counties Below 9000 Feet - C & Se Park County

21	1700MST				0	0	0	0	Winter Storm
22	1700MST								

Another spring storm brought heavy snow to portions of the North Central Mountains, Front Range Foothills and South Park. Snowfall totals included: 23 inches, 1 mile south of Fritz Peak, 21 inches, 4 miles southwest of Estes Park, 20 inches at Allenspark and 3 miles north of Alma, 18 inches, 1 mile east of Buckhorn Mountain, 17 inches, 2 miles west of Jamestown, 16 inches, 3 miles north of Blackhawk, 14 inches at Coal Creek Canyon and Estes Park, 13 inches and Idaho Springs and 4 miles northeast of Nederland, 12 inches at Hoosier Pass and 4 miles west of Jamestown, 10 miles southwest of Livermore and 3 miles east southeast of Red Feather Lakes, 11 inches at Aspen Springs, Hourglass Lake and Virginia Dale and 10 inches, 1 mile west of Bergen Park. Elsewhere, snowfall amounts ranged from 5 to 9 inches.

COZ038>041-043

Larimer County Below 6000 Feet / Nw Weld County - Boulder & Jefferson Counties Below 6000 Feet - N Douglas County Below 6000 Feet / Denver / W Adams & Arapahoe Counties - Elbert / C & E Douglas Counties Above 6000 Feet - C & S Weld County

22	0400MST				0	0		0	Winter Storm
	1700MST								

COZ042-045-048>050

Ne Weld County - C & E Adams & Arapahoe Counties - Logan County - Washington County - Sedgwick County

22	0900MST				0	0		0	Winter Storm
	1500MST								

COZ042-045-048>050

Ne Weld County - C & E Adams & Arapahoe Counties - Logan County - Washington County - Sedgwick County

22	1500MST				0	0		0	Blizzard
	2200MST								

As the storm moved into eastern Colorado, blizzard conditions developed across portions of the Northeast Plains. Although the winds were not as intense as the storm 11 days earlier; whiteout conditions did occur. Sustained winds 20 to 35 mph were recorded with some stronger gusts to 50 mph. Blowing snow caused numerous accidents and some road closures including: Interstate 25, from Wellington to the Wyoming state line, U.S. Highway 287, from Ted's Place to the Wyoming state line and U.S. Highway 85, from Ault to the Wyoming state line. More power outages shut down Denver International Airport for nearly an hour. The outages affected lighting in the concourses, train operations, deicing and refueling operations, flight information displays and security screenings. Navigational aids were also affected. As a result, 58 arriving and departing flights were canceled, stranding approximately 5,000 passengers.

Along the Urban Corridor and Northeast Plains storm totals included: 9 inches at Eldorado Springs, 8 inches at Fleming, 7 inches at Boulder and LaSalle, 6 inches at Deer Trail, Greeley, Ken Caryl, Northglenn and 5 miles west southwest of Sedalia, with 5 inches at Arvada, Morrison, Otis and Padroni. Elsewhere, snow amounts generally ranged from 2 to 4 inches.

Arapahoe County

Aurora Cherry Creek	28	1500MST			0	1	0	0	Lightning
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A 21-yr old man was struck by lightning, along the shoulder of Interstate 225 near Parker Road. His brother's car had broken down and he stopped to help. The bolt stopped the man's heart briefly and caused the right side of his body to go numb.

COLORADO, East Central

Cheyenne County

Wild Horse	06	1440MST			0	0		0	Thunderstorm Wind (G52)
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COLORADO, East Central

Cheyenne County									
5 W Kit Carson	06	1445MST 2045MST			0	0			Thunderstorm Wind (G57)
Kit Carson County									
Burlington Arpt	06	1521MST			0	0			Thunderstorm Wind (G50) ^M
Cheyenne County									
14 N Arapahoe	06	1530MST 1531MST			0	0			Thunderstorm Wind (G58) ^M
Yuma County									
7 N Idalia	06	1530MST			0	0			Thunderstorm Wind (G50)
Yuma County									
11 S Wray	06	1555MST			0	0			Thunderstorm Wind (G52)
Cheyenne County									
7 NW Kit Carson	10	1811MST			0	0			Hail (1.00)
COZ090>092									
Yuma County - Kit Carson County - Cheyenne County									
	11	0300MST 1500MST			0	0			Blizzard
COZ092									
Cheyenne County									
	11	1100MST 1500MST			0	0			High Wind (G74)

Over 50 power poles lost due to high winds.

Blizzard conditions persisted, mainly across western Kit Carson and Yuma Counties. Electricity was out in many areas as the winds blew down numerous power poles. It took nearly 2 days to restore full power. The snow and wind reduced visibility to near zero, resulting in the closure of Interstate 70 across Kit Carson County and other major roads. This blizzard also closed down schools for the day. Four to Seven inches of snow was common with higher drifts.

COZ090>092-092									
Yuma County - Kit Carson County - Cheyenne County									
	20	1130MST 1710MST			0	0			High Wind (G65)

Sprinkler turned over and small grain bins reported in a ditch. Also, part of quanset smashed in county.

Yuma County									
11 NNW Yuma to 7 SE Yuma	20	1640MST 1700MST			0	0			Thunderstorm Wind (G65)

Many power poles down and large dog house overturned.

Kit Carson County									
10 NE Burlington	20	1645MST			0	0			Thunderstorm Wind (G52)

Yuma County									
2 N Vernon to Laird	20	1700MST 1710MST			0	0			Thunderstorm Wind (G78)

Numerous utility poles and irrigation sprinklers damaged. Grain bins blown over, including a 30,000 bushel steel bin. Damage significant, but unknown.

COZ090>091									
Yuma County - Kit Carson County									
	22	1300MST 1800MST			0	0			Blizzard

White-out conditions across western Yuma County. Lost numerous utility poles due to the wind and heavy wet snow with strong low pressure system.

Yuma County									
16 N Wray	29	1915MST			0	0			Hail (0.75)

COLORADO, South Central and Southeast

COZ065-067>072									
Northern Sangre De Cristo Mountains - Teller County/Rampart Range/Pikes Peak - 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									
	02	1900MST			0	0	120K		Winter Storm
	05	1100MST							

A strong upper level storm system combined with cold air to produce a widespread heavy, wet snow across parts of central and southeast Colorado from the evening of the 2nd through the 5th. The hardest hit area was the upper Arkansas River Valley from

Storm Data and Unusual Weather Phenomena

April 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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COLORADO, South Central and Southeast

southern Chaffee county into western Fremont county and Custer county. Snowfall amounts from 20 to 30 inches were common in the above areas, which include the Buena Vista area in Chaffee county, the Westcliffe area and west of Westcliffe in Custer county, and from the Royal Gorge to Swissvale in western Fremont county. Numerous rock slides were seen on U.S. Highway 50 from Parkdale to Texas Creek. That stretch of road was closed for about one week for clean-up and further blasting of cliff sides. Salida, in southern Chaffee county, received the brunt of the snowfall. Amounts of 36 to 50 inches were claimed during the more than two days of snow. Numerous power failures and trees and limbs were brought down by the heavy, wet snow. The roof of the hot springs pool was taken off after severe structural damage. One radio station was knocked off-the-air for 36 hours. The Wet mountains in Custer and Pueblo counties also received snowfall, ranging from 6 to 15 inches. Teller county and northern El Paso county also received heavy snowfall, mainly later on the 4th and into the morning of the 5th. Up to 20 inches of snow was reported around and in Woodland Park, and 8 to 14 inches was observed in northern El Paso county from the Monument area to Black Forest, and points farther east. The damage estimates for the Salida area and U.S. Highway 50 clean-up are rough at this time.

COZ061

Eastern San Juan Mountains

05	2100MST								
06	1000MST				0	0			Heavy Snow

A spring storm system produced 11 inches of snow at Wolf Creek Pass and 14 inches of snow at Creede in Mineral county.

COZ071>081

Southern El Paso County/Colorado Springs And Vicinity - Northern El Paso County/Monument Ridge - Pueblo And Eastern Fremont Counties/Pueblo And Vicinity - Upper Huerfano River Basin/Walsenburg And Vicinity - Upper Purgatoire River Basin/Trinidad And Vicinity - Crowley And Otero Counties/La Junta And Vicinity - Eastern Las Animas County - Kiowa County - Bent County/Las Animas And Vicinity - Prowers County/Lamar And Vicinity - Baca County/Springfield And Vicinity

06	0620MST								
	1515MST				0	0			High Wind (G68) ^M

A strong storm system moving from southern California into southwest Colorado and then into northeast Colorado produced strong winds across much of southern Colorado. Some of the stronger wind gusts include the following: 58 mph at Springfield in Baca county...61 mph at the La Junta airport in Otero county...62 mph at both Pueblo West and Trinidad...63 mph at both Cheyenne Mountain and the USAF Academy in El Paso county and 78 mph at Sheridan Lake in Kiowa county.

COZ075-081

Upper Purgatoire River Basin/Trinidad And Vicinity - Baca County/Springfield And Vicinity

10	1548MST								
	1724MST				0	0			High Wind (G56) ^M

Baca County

10 SE Stonington

10	1859MST								
	1904MST				0	0			Hail (0.75)

COZ072

Northern El Paso County/Monument Ridge

11	0015MST								
	1100MST				0	0	4M		Blizzard

An intense low pressure system over southeast Colorado produced impressive blizzard conditions over northern El Paso county. Heavy snow of 6 to 18 inches combined with winds in excess of 80 mph to produce snow drifts up to 10 feet deep in some locations. Some specific totals follow...from Calhan to Ramah around 6 inches of snow...from Peyton to Monument and Black Forest from 8 to 18 inches of snow. Several hundreds power poles were knocked down, leaving thousands of people without power for days in eastern El Paso county. Many motorists had to be rescued by El Paso county Search and Rescue and Fort Carson personnel. Around 200 people in two busses on I-25 had to be rescued. Damage amounts are rough estimates.

COZ067

Teller County/Rampart Range/Pikes Peak

11	0015MST								
	1100MST				0	0			Heavy Snow

An intense storm system over southeast Colorado brought around 15 inches of snow to the Divide and Woodland Park area with lesser amounts in surrounding areas.

COZ067-076>081

Teller County/Rampart Range/Pikes Peak - Crowley And Otero Counties/La Junta And Vicinity - Eastern Las Animas County - Kiowa County - Bent County/Las Animas And Vicinity - Prowers County/Lamar And Vicinity - Baca County/Springfield And Vicinity

11	0543MST								
	1145MST				0	0	6.1M		High Wind (G69) ^M

An intense low pressure system moving from southeast Colorado into northern Kansas produced damaging winds across the southeast Colorado plains. Some of the higher wind speeds follow: 69 mph at the La Junta airport...76 mph at the Lamar airport...78 mph at Springfield...79 mph at Sheridan Lake...and a 94 mph wind gust at Cheyenne Mountain. Radio transmitters atop Cheyenne Mountain were temporarily knocked out. Extensive damage occurred in the far southeast counties of Colorado. Hundreds of power poles were taken down. Damage to signs, roofs, buildings, and vehicles occurred. Damage amounts are rough estimates.

COZ067-073>074

Teller County/Rampart Range/Pikes Peak - Pueblo And Eastern Fremont Counties/Pueblo And Vicinity - Upper Huerfano River Basin/Walsenburg And Vicinity

20	0336MST								
	1600MST				0	0			High Wind (G70) ^M

Storm Data and Unusual Weather Phenomena

April 2001

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COLORADO, South Central and Southeast

A strong low pressure system brought strong winds to southeast Colorado. Winds generally gusted under 70 mph in the eastern mountains and generally under 60 mph across the eastern plains. Some of the higher wind gusts include 60 mph south of Walsenburg in Huerfano county, 61 mph at the Pueblo Airport and 70 mph at Colorado City, both in Pueblo county, and 81 mph at Green Mountain Falls in western El Paso county.

COZ061-068

Eastern San Juan Mountains - Western Fremont And Northern Custer Counties

22	0010MST								
	1200MST			0	0				Heavy Snow

An upper level storm system moving from the four corners region into east central and northeast Colorado...produced a strong surface low pressure system over east-central Colorado. Areas of heavy snow and strong winds were the result. Some of the heavier snow amounts follow: In Custer county...7 inches of snow west of Westcliffe. In Fremont county up to 8 inches of snow fell in the north central part of the county. In Mineral county...12 inches of snow was noted at Wolf Creek Pass. Snow amounts of 3 to 6 inches occurred in Teller county and in parts of Pueblo county and Fremont county.

Prowers County

20 SSW Holly

29	1325MST								
	1330MST			0	0				Hail (0.75)

COLORADO, West

COZ019

Southwestern San Juan Mountains

05	2000MST								
	06 1800MST			0	0				Winter Storm

A moist southwesterly flow ahead of an upper level low pressure system brought heavy snow to the southwest San Juan Mountains. Snowfall amounts varied from 10 to 14 inches and combined with winds gusting to over 60 mph to produce widespread blowing and drifting snow.

COZ010

Gore And Elk Mountains/Central Mountain Valleys

10	1800MST								
	11 0800MST			0	0				Heavy Snow

A potent spring storm produced over a foot of new snow in the central mountains of western Colorado.

COZ001>004-006-009>011-013-017>018-022>023

Lower Yampa River Basin - Central Yampa River Basin - Roan And Tavaputs Plateaus - Elkhead And Park Mountains - Grand Valley - Grand And Battlement Mesas - Gore And Elk Mountains/Central Mountain Valleys - Central Gunnison And Uncompahgre River Basin - Flattop Mountains - Uncompahgre Plateau And Dallas Divide - Northwestern San Juan Mountains - Animas River Basin - San Juan River Basin

20	0724MST								
	1201MST			0	0	37K			High Wind (G69) ^M

A fast moving cold front combined with a strong upper level disturbance to bring strong and gusty winds to most of western Colorado. Peak wind speeds exceeded 50 mph in many areas. Some of the higher wind gusts included 80 mph at an automated weather sensor 16 miles west of Meeker, 80 mph at the Storm Peak Laboratory east of Steamboat Springs, and 67 mph at an automated weather sensor 17 miles southwest of Gunnison. The gusty winds blew over a 100 foot tall cottonwood tree which fell directly on top of a car parked beneath it, crushing the car. There were several reports of smaller trees being blown over, as well as telephone poles being snapped. Power was knocked out to over 600 customers near Montrose. Rooftop damage was reported in the vicinity of Bayfield in southwest Colorado.

COZ010-018

Gore And Elk Mountains/Central Mountain Valleys - Northwestern San Juan Mountains

21	1900MST								
	22 1500MST			0	0				Heavy Snow

A cold and unstable airmass produced widespread snow showers and thunderstorms across the southern and central mountains of western Colorado. Snowfall amounts in excess of one foot were common. Some of the heavier reported snowfall amounts include 16 inches on Red Mountain Pass and 15 inches at Snowmass Mountain Resort.

CONNECTICUT, Northeast

CTZ002

Hartford

13	0311EST								
	20 2055EST			0	0				Flood

Connecticut River

Minor to moderate flooding occurred along the Connecticut River from Thompsonville, downstream through Hartford to Middletown. Above normal temperatures produced rapid snow melt, and combined with heavy rainfall in the headwaters to bring the Connecticut into flood. At Thompsonville, the river crested at 5.6 feet at 11 am on April 15th (flood stage is 5 feet); at Hartford, a crest of 19.2 feet occurred at 1115 am on April 16th (flood stage is 16 feet); at Middletown, a crest of 10.94 feet occurred at 8 pm on April 16th (flood stage is 5 feet). Flooding was limited to many riverside roadways and farmland, and no significant flood damage was reported.

CTZ002

Hartford

23	1015EST								
	30 2359EST			0	0				Flood

Connecticut River

Storm Data and Unusual Weather Phenomena

April 2001

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CONNECTICUT, Northeast

Additional rainfall and snow melt brought the Connecticut River back into a minor to moderate flood. At Thompsonville, the river crested at 6.1 feet at 11 am on April 24th (flood stage is 5 feet); at Hartford, a crest of 20.3 feet occurred at 1030 am on April 26th (flood stage is 16 feet); at Middletown, the river crested at 11.9 feet at 3 pm on April 26th (flood stage is 5 feet). Once again, flooding was confined to riverside roads and farmland, and no significant flood damage was reported. The Connecticut River remained in flood through the end of the month.

CONNECTICUT, Northwest

NONE REPORTED.

CONNECTICUT, Southern

CTZ007	Northern Middlesex								
	13	1200EST			0	0			Flood
	21	1200EST							

The annual melting of the deep snowpack in the upper reaches of the Connecticut River began in mid April, causing minor to moderate flooding in the Middletown area. At Middletown, the river rose above its 8.0 foot flood stage on the 13th, crested at 10.93 feet on the 17th, and then fell below flood stage on the 21st as colder temperatures slowed additional snowmelt.

CTZ007	Northern Middlesex								
	23	1200EST			0	0			Flood
	30	2300EST							

The annual melting of the deep snowpack in the upper reaches of the Connecticut River began in mid April, causing minor to moderate flooding in the Middletown area. A brief cold snap allowed the river to recede below the flood stage of 8.0 feet at Middletown on April 21st, but it then exceeded flood stage again on the 23rd. The flooding then crested on the 26th at 11.90 feet, with a gradual fall thereafter. However, the river remained above flood stage at Middletown through April 30th.

DELAWARE

New Castle County

Middletown	09	1940EST			0	0	0	0	Hail (0.75)
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Kent County

Smyrna to Dover	09	2010EST 2020EST			0	0		0	Thunderstorm Wind (G52)
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A severe thunderstorm knocked down scattered trees and power lines across the northern half of Kent County. The greatest concentration was around Dover. A downed tree damaged a trailer's roof within Dover.

DEZ001>004	New Castle - Kent - Inland Sussex - Delaware Beaches								
	30	2359EST			0	0	0		Unseasonably Dry

April 2001 was an unseasonably dry month for the state of Delaware, especially during the second half of the month when very little rain fell. On a county weighted average, April monthly precipitation totals ranged from 1.6 inches in Kent County to 1.8 inches in Sussex and New Castle Counties. This was about 50 percent of normal and most of the precipitation fell prior to April 14th. At the New Castle County Airport, the monthly total of 1.44 inches was the seventh driest April on record. In addition to raising the fire danger, the unseasonably dry weather, if it persists, will start to threaten the growing season.

DISTRICT OF COLUMBIA

NONE REPORTED.

FLORIDA, East Central

Brevard County

Palm Bay	25	1503EST			0	0			Hail (0.75)
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Brevard County

Palm Bay	25	1530EST			0	0			Hail (0.75)
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FLORIDA, Extreme Southern

Monroe County

Islamorada	26	1800EST 1805EST			0	0			Waterspout
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Waterspout observed 1/4 mile North of Islamorada

FLORIDA, Northeastern

St. Johns County

St Augustine Beach	06	1200EST			1	0			Rip Currents
		M15IW							

Storm Data and Unusual Weather Phenomena

April 2001

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FLORIDA, Northeastern

Alachua County

Orange Lake Lake	22	0800EST			0	0			Wild/Forest Fire
	30	0800EST							

More than 750 acres burnt, mainly in the muddy lake bed. The fire was along and near the Alachua/Marion countyline.

Marion County

3 N Citra	22	0800EST			0	0			Wild/Forest Fire
	30	0800EST							

More than 750 acres burnt, mainly in the muddy lake bed. The fire was along and near the Alachua/Marion countyline.

FLORIDA, Northwest

NONE REPORTED.

FLORIDA, Southern

Dade County

Miami Beach	03	1300EST			1	1			Rip Currents
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A group of children on "spring break" who had gone to an unguarded section of Miami Beach were caught in a rip current. One girl died and a 10-year old girl nearly drowned. Winds were east at 20 mph.
F111W

Broward County

1 E Dania	19	0757EST			0	0			Waterspout
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A pilot sighted a waterspout in the Atlantic just offshore Dania Beach.

FLORIDA, West Central

Sarasota County

10 E Venice	17	1500EST			0	0	100K	0	Wild/Forest Fire
	20	1600EST							

A controlled burn, that became a wildfire out of control, scorched over 5,000 acres of undeveloped land, destroyed at least one home, and forced an eight mile closure of Interstate 75 between exits 34 and 35, ten miles east of Venice, before it was extinguished.

Hillsborough County

10 NW Tampa	20	1400EST			0	0	0	0	Dust Devil
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A retired National Weather Service meteorologist reported a dust devil on the 6700 block of Grande Bahama Drive in the Town N' Country area of Tampa. Skies were mostly sunny with a few fair weather cumulus clouds, low relative humidity and light east-southeast wind at the time of the reported dust devil.

Pasco County

4.2 SW Zephyrhills	23	1530EST			0	0	3K	0	Dust Devil
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The public reported, through a reporter from the Tampa Tribune newspaper, that a dust-devil struck and caused minor roof and carport damage to a mobile home on Sweet Pea Lane near County Road 579 (Morris Bridge Road) in Zephyrhills. Skies were mostly clear and humidity low at the time of the reported dust devil in Zephyrhills.

FLORIDA, West Panhandle

Escambia County

Pensacola Beach	03	1245CST			1	0			Rip Currents
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A 44 year old male from Minnesota drowned in rough surf while trying to rescue a 10 year old playing on a boogie board. The man had gone into the rough surf to save the youth and got caught in a rip current and drowned. The boy was able to safely make it to shore. The area where the drowning occurred was not patrolled by life guards. AT the time of the drowning, yellow flags were flying along the beaches alerting people of the rough surf.
M44IW

Escambia County

Bratt	04	1150CST 1157CST			0	0			Hail (1.00)
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Santa Rosa County

Navarre	08	1100CST			1	0			Rip Currents
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A 66 year old male drowned in rough surf near Navarre Beach. The man had gone into the rough surf to rescue his granddaughter. He got caught in a strong rip current and drowned. His granddaughter safely made it to shore. The man lived in Okaloosa county. The time of the drowning was estimated to be around noon.
M66IW

Santa Rosa County

Navarre	13	1000CST			1	0			Rip Currents
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A 45 year old male drowned while swimming in rough water with his family near Navarre Beach. The family was vacationing at the beach and were from Maryland. The family got caught in a strong rip current and lifeguards were able to save the man's wife and son. By the time they got back to him he had drowned. Red flags were flying along the beaches warning people of dangerous surf. The family was swimming at an area that was near, but not patrolled by life guards.

Storm Data and Unusual Weather Phenomena

April 2001

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FLORIDA, West Panhandle

M45IW

Santa Rosa County

Navarre

29 1200CST

1 0

Rip Currents

A 52 year old Walton county man drowned while swimming in rough surf near Navarre Beach. The man was swimming just offshore when he got caught in a strong rip current and drowned. The time of the downing was estimated to be around noon CST. This was the fourth person to die in strong rip currents in the area this month.

M52IW

GEORGIA, East Central

NONE REPORTED.

GEORGIA, Lower

NONE REPORTED.

GEORGIA, North and Central

Cherokee County

1 S Holly Spgs

03 0555EST

0 0

Hail (0.75)

The public reported dime size hail.

Forsyth County

Cumming

03 0628EST

0 0

Hail (0.75)

The Forsyth county 911 center reported dime size hail in Cumming.

Cherokee County

4 NW Waleska

03 0630EST

0 0

Hail (0.75)

The public reported dime size hail.

Polk County

6 SW Cedartown to
Cedartown

03 0715EST

0 0

Hail (1.00)

The Polk county 911 center reported quarter size hail 6 miles southwest of Cedartown and pea to quarter size hail in Cedartown.

Floyd County

Rome

**03 0755EST
0855EST**

0 0

5K

Lightning

The Rome News Tribune reported that lightning struck a home on Floyd Springs Road. The lightning entered the house through a front board, ripping a one foot long section of the board off the home, then traveled through a bathroom light fixture, putting a one inch hole in the wall and blowing out the bulbs, then skipped around through the upstairs electrical wiring, before terminating in a television in the master bedroom. The carpet behind the television was burned. No major structural fire was reported and no one was injured.

Fulton County

2.5 W Fairburn

03 0800EST

0 0

1.5K

Lightning

The public reported that lightning struck a power meter on the outside of a residence and completely burned the meter as well as some of the immediate wiring. The house was without power until the meter was repaired.

Hall County

Gainesville

03 0813EST

0 0

Hail (0.75)

The Hall county 911 center reported dime size hail.

Hall County

6 E Gainesville

03 0835EST

0 0

150K

Lightning

The Times newspaper in Gainesville reported that lightning struck a house on Cedar Creek Road east of Gainesville in eastern Hall county. The lightning ignited a fire in the kitchen which resulted in moderate to heavy damage to the interior of the home and heavy damage to the attic. A utility pole was also struck and set on fire by lightning on the same street. Numerous outages to telephone, cable, and power were reported in the area because of the intense cloud-to-ground lightning.

Coweta County

Newnan

03 1130EST

0 0

5K

Lightning

The Times-Herald Newspaper in Newnan reported that lightning struck several homes in the county. While no major damage was reported, minor damage resulted to four homes, three on Springfield Drive and another on Gordon Road.

Hall County

Candler

03 1130EST

0 0

0.50K

Lightning

The Time newspaper in Gainesville reported that lightning struck a home on Candler Road near Candler. Damage was minimal as no fire was reported.

Houston County

Perry

03 1258EST

0 0

20K

Lightning

The Warner Robbins Daily Sun Newspaper reported that lightning struck a large tree near a house on Martin Luther King Jr.

Storm Data and Unusual Weather Phenomena

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GEORGIA, North and Central

Boulevard igniting the nearby garage on fire as well as shattering windows at the residence, a neighboring house, and several homes across the street. No injuries were reported and the fire was quickly extinguished before major damage occurred.

Troup County
6 SE La Grange

03 1650EST 0 0 8K Lightning

The La Grange Daily News reported that lightning struck a home on Lower Big Springs Road near Hilyer. The lightning traveled through the electrical system, causing an estimated \$8,000 in damages, \$6,000 to the home and \$2,000 to the electrical system.

Troup County
4 W La Grange

03 1745EST 0 0 1K Lightning

The La Grange Daily News reported that lightning struck the chimney of a home on Roanoke Road between Pyne and La Grange, causing minor damage to the structure.

Fulton County
2.5 W Fairburn

03 0800EST 0 0 1.5K Lightning

The public reported that lightning struck a power meter on the outside of a residence and completely burned the meter as well as some of the immediate wiring. The house was without power until the meter was repaired.

GAZ073

Baldwin

03 2030EST 0 0 30K High Wind
2100EST

The Union Recorder of Milledgeville reported that strong winds blew down trees throughout the county. Dozens of trees were downed on power lines disrupting power service and others were blocking roads. The strong winds developed on the back side of a dissipating area of rain and thunderstorms to the southeast of the county. Heavy rain during the day had saturated soil allowing weaker trees to be uprooted more easily. Wind speeds were estimated in the 35 to 40 mph range, with some gusts to near 50 mph.

GAZ085-093-097>098-104>113

Johnson - Macon - Laurens - Treutlen - Sumter - Dooly - Crisp - Pulaski - Wilcox - Dodge - Telfair - Wheeler - Montgomery - Toombs

03 2300EST 0 0 35K High Wind
04 0200EST

Strong winds on the back side of a dissipating area of rain and thunderstorms combined with rain soaked ground to blow down a number of trees and trees down on power lines across the region. Numerous power outages were reported and some roads were blocked by downed trees.

Polk County
Rockmart

15 0851EST 0 0 2K Thunderstorm Wind

The Polk county 911 center reported several large tree limbs down across power lines.

Towns County
Hiawassee

17 0850EST 0 0 Unusually Late Snow

A retired Weather Service Specialist reported a light snow shower. This is unusually late in the spring for such an occurrence.

GEORGIA, Northeast

GAZ010-017>018-026-028>029

Rabun - Habersham - Stephens - Franklin - Hart - Elbert

01 0000EST 0 0 Drought
30 2359EST

Dry conditions re-asserted themselves after a comparatively wet March. By the end of April, some streams and lakes were at record low levels.

GEORGIA, Southeast

GAZ087>088-099>101-114>119-137>141

Jenkins - Screven - Candler - Bulloch - Effingham - Tattnall - Evans - Inland Bryan - Coastal Bryan - Inland Chatham - Coastal Chatham - Long - Inland Liberty - Coastal Liberty - Inland McIntosh - Coastal McIntosh

01 0000EST 0 0 Drought
30 2359EST

Mild drought conditions covered all of the affected counties. Conditions started worsening toward the end of the month as rainfall became more scarce. Most places were three to almost five inches below normal for the year.

GEORGIA, Southwest

NONE REPORTED.

HAWAII

HIZ003-005>008

Maui - Molokai - Lanai - West Hawaii Including Leeward Kohala And Kona - South Hawaii Including Kau

01 0000HST 0 0 Drought
30 2359HST

Maui County

Storm Data and Unusual Weather Phenomena

April 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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HAWAII

Most of Maui County remained very dry through April, with the exception being portions of windward Maui (e.g., Haiku) where rainfall conditions were near normal. Eight gages (7 on Maui, 1 on Molokai) reported totals below 15 percent of average. Shower activity over central Molokai during the second half of the month helped stabilize agricultural reservoir levels, though much more was needed to bring conditions back to normal.

Island of Hawaii

Dry weather persisted in leeward areas of the Big Island in April. Rainfall totals ranged from 40 to 60 percent of average in Kona to less than 35 percent of average in Kau and leeward Kohala.

The following list contains rainfall statistics for selected locations from Maui County and the island of Hawaii where there have been drought conditions. The first column is the observed rainfall for April. The second column is the 30-year average for each location, while the third column lists the percent of average for the month. The fourth and fifth columns are the year-to-date total and percent of average, respectively.

	April 01	Avg.	%Avg.	YTD	YTD %Avg.
Maui					
Kihei	0.00	1.20	0	0.59	6
Lahainaluna	0.23	1.70	14	0.97	9
Kula	0.22	2.80	8	3.79	27
Ulupalakua	1.24	2.70	46	3.94	24
Molokai					
Kaunakakai	0.13	1.20	11	1.39	16
Kamalo	1.45	3.30	44	6.37	39
Lanai					
Lanai City	1.18	3.50	34	3.75	22
Island of Hawaii					
Honaunau	2.76	6.10	45	6.49	36
Kamuela (Upper)	2.38	6.90	34	9.37	37
Waiaha	3.39	6.40	53	5.66	29
Kahua Ranch	1.20	9.20	13	7.78	23
Kealahou	3.04	6.20	49	7.15	36

Drought conditions continue to affect parts of Maui County and the island of Hawaii, mainly leeward sections of the four isles. Farmers and ranchers have been suffering production losses into the millions of dollars. Some farmers have had to substantially reduce the amount of acreage where they can plant. Additionally, the costs of production are rising because farmers and ranchers are being forced to pay for water.

Kauai County

**Hanalei to
Waimea**

02 1230HST 0 0 Flash Flood
1610HST

Heavy showers and thunderstorms--induced by an upper low southwest of Kauai--poured about 6 to 8 inches of rain (radar estimates) on northwestern parts of the isle. Segments of both the Kuhio and Kaunualii highways were closed for a time due to high waters flowing across the roadways. The Manoa Stream near Haena Beach Park ran so deep that the highway to Haena was closed for a while as well. Also, the road east of Fort Elizabeth, the "Russian Fort", at Waimea was closed temporarily due to water and debris washing across it. Water was more than two feet deep in low-lying areas of Waimea's business district. Police said that there were no reports of homes flooded, although a few businesses in Waimea suffered some damages (of an unknown dollar amount) and were still mopping out their store fronts as the weather improved later that afternoon.

HIZ001>007

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

03 1000HST 0 0 High Surf
04 0200HST

A storm low near Japan produced surf of 8 to 12 feet along the north and northwest shores of all the Hawaiian Islands.

HIZ001>005-008

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

03 1300HST 0 0 High Surf
15 0200HST

Storm Data and Unusual Weather Phenomena

April 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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HAWAII

A strong trade wind swell generated surf as high as 8 to 12 feet along the east shores of all the isles except Lanai.

HIZ004-007 North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - West Hawaii Including Leeward Kohala And Kona

11	1700HST								
12	1500HST			0	0				Wind Advisory

Strong high pressure northeast of the state produced east to northeast winds sustained at 30 mph, with gusts to 40 mph, in windward and leeward locations of the Kohala districts on the island of Hawaii. No serious property damage or injuries were reported.

HIZ003 Maui

12	0300HST								
	1500HST			0	0				Wind Advisory

Strong high pressure northeast of the Hawaiian Islands generated east to northeast winds sustained at 30 mph, with gusts to 43 mph, in locales in the central valley and western parts of Maui. A number of power outages on the isle were attributed to the high winds. However, no serious property damage or injuries were reported.

HIZ001>006-008 Kauai - Oahu - Maui - North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - Molokai - Lanai - South Hawaii Including Kau

13	0400HST								
15	1800HST			0	0				High Surf

A storm low east of New Zealand caused surf of 6 to 10 feet along the south shores of all the islands.

**Hawaii County
2 SW Kailua Kona**

17	0745HST								
	0830HST			0	0				Waterspout

A few waterspouts and funnel clouds were spotted off the shore from the North Kona District on the island of Hawaii. However, no property damage or injuries were reported.

HIZ001>005-008 Kauai - Oahu - Maui - North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - Molokai - South Hawaii Including Kau

19	1000HST								
21	0600HST			0	0				High Surf

A trade wind swell produced surf of 4 to 6 feet along the east shores of all the Hawaiian Islands except Lanai.

HIZ004-008 North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - South Hawaii Including Kau

21	0600HST								
25	1400HST			0	0				High Surf

A trade swell generated surf of 4 to 6 feet along the east-facing 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

28	0800HST								
30	2359HST			0	0				High Surf

A trade wind swell caused surf of 6 to 8 feet along the east shores of all the islands except Lanai.

HIZ001 Kauai

29	0800HST								
30	1800HST			0	0				High Surf

A storm low in the southern hemisphere generated surf of 5 to 7 feet along the south-facing shores of Kauai.

IDAHO, Extreme Southeast

NONE REPORTED.

IDAHO, North IDZ005

Northern Clearwater Mountains

01	0000MST								
	0600MST			0	0				Heavy Snow

15 hour heavy snowfall amounts for the northern Clearwater Mountains included: in Clearwater County, 7 inches at Cool Creek, and

Storm Data and Unusual Weather Phenomena

April 2001

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

10.5 inches at Hemlock Butte.

IDZ005>006 Northern Clearwater Mountains - Southern Clearwater Mountains

07	1500MST				0	0			Heavy Snow
08	1300MST								

Heavy snow fell over the Clearwater Mountains of Idaho. Snowfall totals were: 6 inches at Savage Pass and Headquarters, 7 inches at Pierce, Elk Butte, and Cool Creek, and 8 inches at Hemlocke Butte.

IDZ010 Eastern Lemhi County

20	1000MST				0	0			Heavy Snow
21	1000MST								

A late spring storm brought heavy wet snow to the mountains of Lemhi County. Snowfall totals were: Moose Creek 10 inches, Saddle Mountain 11 inches and Meadow Lake 13 inches.

IDAHO, Northwest

IDZ027 Lewis And Southern Nez Perce

02	0600PST				0	0			Heavy Snow
	1700PST								

The NWS Co-op observer at Winchester reported 5.9" of new snow. Snow was generally confined above 3000 feet in elevation.

IDZ001 Northern Panhandle

03	0700PST				0	0			Heavy Snow
	1300PST								

A late-season heavy snowfall took place in Boundary and northern Bonner Counties when moisture wrapped around the north side of an upper level low over central Idaho. Some of the heavier snowfall totals include: Schweitzer Ski Area (7 NW Sandpoint)...8-10", Naples...6", and Moyie Springs...5".

IDZ001-004 Northern Panhandle - Central Panhandle Mountains

07	2000PST				0	0			Heavy Snow
08	0500PST								

Heavy snow took place in the mountains of the central and northern Idaho panhandle above 4000 feet on the night of April 7 through the early morning on April 8. The following snowfall totals were all taken from SNOTEL locations: Sunset...12", Schweitzer...9", Lookout...8", Humboldt...8", and Mica Creek...7". The heavy snow took place as a large-scale upper trough over western Washington allowed a moisture-laden weather disturbance to move up from the south through the Idaho panhandle.

IDAHO, Southeast

IDZ019-022-031 Upper Snake Highlands - South Central Highlands - Big And Little Wood River Region

07	0930MST				0	0			Heavy Snow
08	1700MST								

An early spring snowstorm brought heavy snows to the mountains of southeastern Idaho. Snow amounts included the following: 8 inches at Galena Lodge, 10 inches at the Pomerelle ski resort, 7 inches at Sun Valley, 6 inches at Macks Inn,

IDZ018>019-022-031-031>032 Sawtooth Mountains - Upper Snake Highlands - South Central Highlands - Big And Little Wood River Region - Lost River / Pahsimeroi

11	1500MST				0	0			Heavy Snow
12	2000MST								

An early spring snowstorm brought heavy snows to higher elevations of southeastern Idaho. Snow amounts were the following: 6 inches at Craters of the Moon National Monument, 16 inches at Pomerelle ski resort, 6 inches at Arbon, 13 inches at City of Rocks Reserve, 7 inches in Sublett, 12 inches at Almo, 8 inches at Darlington, and 12 inches at Macks Inn. Lesser amounts fell in the valleys including 3-4 inches in the Pocatello area and Minidoka as well.

IDAHO, Southwest

IDZ029 Owyhee Mountains

10	1500MST				0	0	0		Winter Storm
11	1350MST								

An unseasonably cold and strong storm system from the north spread snow over the higher elevations of Southwest Idaho. Six inches of snow was reported on South Mountain while 4 inches fell in Reynolds. The storm system moved eastward, eventually dropping 15 inches of snow at the Pomerelle ski area of Southeast Idaho and causing dozens of motor vehicle slide-offs and accidents.

ILLINOIS, Central

Menard County

3 E Oakford	05	1226CST			0	0			Hail (0.75)
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Logan County

5 S Mt Pulaski	05	1412CST			0	0			Hail (1.75)
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Macon County

Decatur to	05	1457CST			0	0			Hail (1.75)
1 N Mt Zion		1516CST							

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, Central									
Macon County									
4 SE Mt Zion	05	1540CST			0	0			Hail (0.75)
Moultrie County									
Lovington	05	1622CST			0	0			Hail (1.75)
Several cars had \$2500-\$4500 in damage a piece. No exact number of cars was given.									
Stark County									
Wyoming	05	2030CST			0	0			Thunderstorm Wind (G50)
Stark County									
La Fayette to 1 N Toulon	06	1022CST 1025CST			0	0			Hail (1.75)
McLean County									
Lexington	06	1210CST			0	0			Hail (0.75)
McLean County									
3 N Colfax	06	1215CST			0	0	45K		Thunderstorm Wind (G60)
A barn was reported destroyed 3 miles north of Colfax, as well as minor damage to a house. The contents of the barn, including two loaded wagons, hay, straw and a antique potato planter, were all lost. Total damage for the location was estimated around \$45,000.									
Vermilion County									
Hoopeston	06	1320CST			0	0			Thunderstorm Wind (G50)
Vermilion County									
Potomac	06	1320CST			0	0			Hail (1.25)
Vermilion County									
Bismarck to Georgetown	06	1340CST 1355CST			0	0			Thunderstorm Wind (G60)
Numerous reports of damage were received in this area. Half of a 80-100 foot tree fell into a screened in porch and garage. A pole barn was destroyed 4 miles north northwest of Danville. Other reports around the area involved trees, tree limbs and power lines down. Dime size hail, several inches deep, was also reported just north of Danville. Minor damage was also noted to 3 residences and 2 outbuildings. Also, in Georgetown the winds caused minor damage to the high school roof. No damage figures were available at this time.									
Stark County									
2 SE Castleton	09	1652CST 1706CST			0	0			Hail (3.00)
Hail of at least 1" in diameter fell for over 10 minutes prior to the 3 inch report.									
Marshall County									
7 ESE Camp Grove	09	1728CST 1733CST	0.3	15	0	0	0	0	Tornado (F0)
Tornado touched down in open field for approximately 5 minutes. No damage was reported.									
Marshall County									
Henry to Wenona	09	1730CST 1810CST			0	0			Hail (2.75)
Hail ranged from dime to baseball size during the storm. Baseball size hail was also reported in Varna.									
Champaign County									
1 E Rantoul	09	2326CST			0	0			Hail (1.25)
Champaign County									
1 N Philo to Homer	09 10	2330CST 2340CST			0	0			Thunderstorm Wind (G54) ^M
Extensive damage was reported as a result of a collapsing thunderstorm in the area. In Philo, a sunroom was taken off of a house and blown into a neighbor's house. Large tree limbs were blown down and roof damage was also noted in Philo, as well as in Sidney. In Homer, 8 to 12 inch diameter trees were broken off, along with several being uprooted. A porch was removed from a house and playground equipment was lifted out of the ground. Exact damage locations were from CR 1600E and 1000N east to 1050N and 2800 E. Wind gust was measured at the Champaign Airport by ASOS.									
Crawford County									
8 N Oblong to Oblong	09	2330CST 2335CST			0	0			Thunderstorm Wind (G75) ^M
A roof was blown off of a pole bar 1/2 mile north of Oblong. A house lost its porch and part of the roof, with a barn losing part of its roof as well. Wind gusts of 82 and 86 mph were recorded with 2 different pieces of equipment.									
Vermilion County									
6 W Fairmount to Georgetown	09	2340CST 2353CST			0	0			Thunderstorm Wind (G50)
Power lines and trees reported down. A empty semi trailer was tipped over onto the top of a car parked next to it in Fairmount.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ILLINOIS, Central									
Tazewell County									
3 W Tremont	10	0015CST			0	0			Hail (1.00)
Woodford County									
Minonk	10	0035CST 0055CST			0	0	100K		Hail (1.75)
Hail ranging from pea to golf ball size fell for at least 20 minutes in parts of Minonk and piled several inches deep. Widespread damage was noted to vehicles in the area, with some minor roof damage to homes. At least 50 vehicles were reported to have between \$2000 and \$4000 in damage each. Damage estimates are based on minimum damage figures available and is likely higher.									
McLean County									
4 N Normal	10	0054CST			0	0			Hail (0.88)
Shelby County									
Cowden to Stewardson	10	0652CST 0705CST			0	0			Hail (4.50)
Hail ranging from dime to golf ball size was reported during this time frame. A report came in of softball size hail at the Hudson Power Plant. Damage occurred to employee vehicles, but no estimates were available. Location of this hail is 5 east of US 128, just north of Holiday.									
Effingham County									
4 W Effingham to Effingham	10	0728CST 0734CST			0	0			Hail (1.75)
Hail from dime to golf ball size was reported as the storm approached and entered Effingham.									
Coles County									
Charleston	10	0740CST			0	0			Hail (1.75)
Jasper County									
St Marie	10	0815CST			0	0			Hail (1.75)
Hail ranging from nickel to golf ball size was reported with this storm. Windows were reported broken in a house in St Marie.									
Lawrence County									
Pinkstaff	10	0900CST			0	0			Hail (0.75)
Effingham County									
Altamont to 3 W Effingham	10	1215CST 1225CST			0	0			Hail (1.00)
Hail ranged from dime to quarter size.									
Christian County									
Kincaid	10 11	2200CST 0030CST			0	0		0	Flash Flood
Flooding was reported in Kincaid, with Highway 104 covered in spots by flowing water. Some flooding was also noted in Taylorville. The flash flooding was the result of 1.5 to nearly 3 inches of rain across the area.									
Fulton County									
Fairview to 7 S Canton	10	2345CST 2350CST			0	0			Thunderstorm Wind (G50)
Large tree limbs were reported down in Fairview. Power poles down on Route 78.									
Mason County									
Havana to Forest City	10 11	2355CST 0000CST			0	0			Thunderstorm Wind (G50)
Tree limbs and power lines were reported down across the area.									
Logan County									
1 E San Jose	11	0030CST 0035CST			0	0			Thunderstorm Wind (G55)
One semi truck was blown off US 136, near San Jose and another one was blown over on I-155 between mile markers 7 and 8.									
Menard County									
Petersburg	11	1409CST			0	0			Thunderstorm Wind (G53) ^M
Woodford County									
Metamora	21	1630CST			0	0			Hail (1.00)
Tazewell County									
11 WSW South Pekin to Mackinaw	21	1650CST 1725CST			0	0			Hail (1.25)
Numerous reports of hail were reported in the Spring Lake, Pekin and Mackinaw areas.									
Fulton County									
Lewistown	21	1730CST			0	0			Thunderstorm Wind (G50)
Windows were blown out of a house as well as power poles knocked down.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ILLINOIS, Central</u>									
McLean County									
Danvers to 2 N Normal	21	1743CST 1807CST			0	0			Hail (1.50)
Thunderstorm moved out of Tazewell County into McLean County. Dime to walnut size hail was reported in Danvers, with dime to half dollar size hail reported west and north of Bloomington/Normal.									
Tazewell County									
1 NW Green Vly	21	1750CST			0	0			Thunderstorm Wind (G50)
Irrigation tower blown over.									
McLean County									
Colfax	21	1856CST			0	0			Hail (0.75)
<u>ILLINOIS, Northeast</u>									
Ford County									
Elliott	06	1245CST			0	0			Hail (1.00)
ILZ003-005>006									
Winnebago - Mchenry - Lake	07	0900CST 1800CST			1	1			High Wind (G50) ^M
Sustained winds of 30 to 40 mph with gusts over 50 mph occurred throughout northern Illinois. Peak gusts reached 59 mph at Waukegan, 58 mph at Rockford, 50 mph at O'hare airport in Chicago, 50 mph at Meigs Field in Chicago, 52 mph at Midway airport in Chicago, 56 mph at Lake Villa, 52 mph in Carpentersville, 54 mph at DuPage Airport in West Chicago, 55 mph at Aurora Airport in Sugar Grove, 53 mph at the NWS office in Romeoville, and 55 mph in Coal City in Will County.									
Winds damaged tree limbs and power lines throughout the area. As many as 100,000 customers lost power. In Arlington Heights, a snapped power line ignited a gas fire. Power lines dangling over Interstate 294 near Half Day Road, closed the tollway for 3 hours. A shuttle bus stop enclosure at Midway Airport blew over onto 2 parked cars. In Algonquin, a 50 year old woman was killed when a 6 to 10 inch diameter tree limb fell on her car as she was driving on Route 31 around noon. Later in Algonquin, a 5 year old girl was injured when a trampoline blew 25 feet across the yard as she was jumping on it. In Tinley Park a canopy at the convention center collapsed injuring 6 people and damaging a van.									
F50VE									
La Salle County									
5 N Rutland	09	1805CST			0	0			Hail (1.00)
Livingston County									
Ancona to Reading	09	1810CST			0	0			Hail (1.00)
Trained spotters reported a rotating wall cloud and funnel cloud as a storm moved from near Wenona to Reading. The storm produced 1 inch hail and heavy rain which flooded roads.									
Iroquois County									
Cissna Park	09	2118CST			0	0			Hail (0.75)
ILZ014									
Cook	12	0400CST 1200CST			0	0	50K		High Wind (G43) ^M
Winds gusted to 46 mph in Chicago and 49 mph at Waukegan. At around 500 AM CDT winds knocked down a cinder block wall at a construction site on the northwest side of Chciago, damaging 4 parked cars. At 1130 AM strong winds peeled off a brick facade from an old warehouse building on the south side of Chicago, damaging a pick-up truck. Blowing debris broke a window in a high rise building in downtown Chicago.									
Livingston County									
Fairbury	22	1755CST			0	0			Funnel Cloud
Du Page County									
Wayne	23	1350CST			0	0			Thunderstorm Wind (G50)
Tree limbs were blown down.									
<u>ILLINOIS, Northwest</u>									
Henderson County									
Gladstone	05	0820CST			0	0			Hail (0.75)
Penny sized hail reported by Henderson County Health Department.									
Hancock County									
.5 W Bentley	05	0917CST			0	0			Hail (1.00)
Quarter sized hail covering the ground over a half mile swath. Snowplows dispatched to clear roads. Reported by law enforcement.									
Henderson County									
3 NE Gulfport	05	0938CST			0	0			Hail (1.00)
Trained storm spotters reported quarter sized hail.									

Storm Data and Unusual Weather Phenomena

April 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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ILLINOIS, Northwest

McDonough County

Colmar **05** **0944CST** **0** **0** **Hail (0.75)**
Emergency management reported penny sized hail.

McDonough County

Fandon **05** **0950CST** **0** **0** **Hail (0.88)**
Emergency management reported nickel sized hail.

Henderson County

Oquawka **05** **1000CST** **0** **0** **Hail (0.75)**
A trained storm spotter reported penny sized hail.

McDonough County

5 S Macomb **05** **1003CST** **0** **0** **Hail (1.00)**
A trained storm spotter reported quarter sized hail.

McDonough County

5 S Macomb **05** **1018CST** **0** **0** **Hail (1.75)**
A trained storm spotter reported golf ball sized hail.

McDonough County

Macomb **05** **1028CST** **0** **0** **Hail (0.75)**
A trained storm spotter reported penny sized hail.

Henderson County

Oquawka **05** **1100CST** **0** **0** **Urban/Sml Stream Fld**
1.8 inches of rainfall produced local urban flooding in a trailer park. Reported by a trained storm spotter.

McDonough County

2 S Macomb to Adair **05** **1130CST** **0** **0** **Hail (0.75)**
Hail up to penny sized covering the ground from south of Macomb to Adair. Reported by emergency management.

Event Summary for 4/5/01: (For additional details, see individual reports for the date)

An area of showers and thunderstorms overspread parts of far northeast Missouri, southeast Iowa, and west central Illinois during the morning hours. The primary threats from the storms were large hail and torrential rains, with amounts up to three inches. From the morning through the early afternoon, hail up to the size of golf balls was reported, along with urban street flooding, and flooding of county roads. One person suffered minor injuries after being struck by lightning, and lightning also struck a house, setting it on fire. A surface low and warm front lifted northeast through the region during the afternoon and evening, followed by a trailing cold front. This system produced hail below severe limits across the area from late afternoon through the evening hours.

Henry County

Galva **06** **1020CST** **0** **0** **Hail (0.88)**
Nickel sized hail reported by trained storm spotter.

ILZ001

Jo Daviess

07 **1100CST** **0** **0** **High Wind (G53)** ^M
Non-thunderstorm gradient wind gust of 61 mph measured by Cooperative Observer, three miles N/NE of Stockton. Shingles blown off roofs throughout the community.

Event summary for 4/7/01: (For additional details, see individual entry for the date)

A very strong low pressure center tracked N/NE from Nebraska through Minnesota. The tight pressure gradient produced by the surface low, along with daytime heating, created very strong winds across northwest Illinois through much of the day, beginning around mid morning and ending around sunset. A southwest wind was sustained at 30 to 35 mph, with gusts from 50 to 55 mph. An isolated gust of 61 mph was measured in Jo Daviess county at 11 AM CST, but most of the area remained below High Wind Warning criteria, which is sustained speeds of at least 40 mph (34 knots) for an extended period of time, or a gust to at least 58 mph (50 knots). Wind damage and power outages were widespread throughout the area, as the high winds blew trees down on power lines, or snapped the power poles themselves. According to newspaper accounts, an estimated 20-thousand people lost power across eastern Iowa and northwest Illinois. Numerous trees and power lines were downed, and shingles and siding were blown off buildings and homes. High winds blew a sheet of tin off a shed roof in Carroll county. Law enforcement in Bureau county reported two accidents involving semi-trailer trucks resulting from the high winds. There were no injuries reported.

Henry County

Galva **09** **1613CST**
1615CST **0** **0** **Hail (1.00)**

Nickel to quarter sized hail covering the ground. Reported by trained storm spotter.

Henry County

Galva **09** **1617CST** **0** **0** **Hail (1.75)**
Ping pong to golfball sized hail reported by trained storm spotter.

Storm Data and Unusual Weather Phenomena

April 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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ILLINOIS, Northwest

Henry County

Galva	09	1625CST			0	0			Hail (1.75)
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Heavy golfball sized hail continuing. Reported by emergency management.

Bureau County

Manlius	09	1820CST			0	0			Hail (0.75)
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Penny sized hail reported by trained storm spotter.

Bureau County

Dover	09	1830CST			0	0			Hail (0.75)
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Penny sized hail reported by trained storm spotter.

Summary for 4/09/01 event: (For additional information, see individual reports for the date.)

A stationary front lingered across southern Iowa and northern Illinois during the day. A surface low was located along the front in southeast Iowa. Following the early morning activity, thunderstorms reformed across parts of east central Iowa after 7 AM CST. These storms produced locally heavy rain and hail ranging in size from 1/2 to 3/4 inch. After a lull from mid-morning through the afternoon, thunderstorms redeveloped near the boundary in northwest Illinois from late afternoon through early evening. Large hail was the main threat from the storms, with sizes ranging from 3/4 inch up to golfball sized. Wind gusts to 50 mph were also reported in Bureau county.

ILZ001-007-009-015-024>025-034 **Jo Daviess - Carroll - Whiteside - Rock Island - Mercer - Henderson - Hancock**

14	1700CST				0	0			Snowmelt Flooding
30	2359CST								

During the first week of April a strong storm system fanned warm temperatures northward accelerating the snowmelt across the upper Mississippi river basin. Another storm system mid month sent even warmer temperatures surging northward along with severe thunderstorms and heavy rain. The prolonged abnormally warm conditions resulted in rapid snow melt and produced near record flooding over counties bordering the Mississippi River. Additional heavy rain fell over the headwaters of the Mississippi during the third week of April. This added streamflow led to secondary crests over Minnesota, Northern Iowa, and Wisconsin, and helped to prolong the flooding, or broaden crests on the Mississippi from the Wisconsin/ Illinois border to counties north of St Louis Missouri. Strong winds accompanying the storms forced water over sandbag dykes and levees causing additional damage. At Moline additional flooding occurred when backwaters from the Mississippi caused flooding at the mouth of the Rock River. To aid with flood preparations, the Illinois Department of Transportation distributed and pre-positioned 692,000 sandbags to flood prone areas. Communities impacted by flooding called upon the Illinois Dept of Corrections, the Illinois Dept of Public Health, the Illinois Dept of Natural resources, and hundreds of volunteers to help with sandbagging and flood fighting efforts. By late month 8 Illinois counties had been declared disaster areas, with damages and related flood costs estimated to be several million dollars. Flooding continued along the Mississippi River from East Dubuque IL to Quincy IL into May.

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**

23	1000CST				0	0			Gradient Wind
	1900CST								

Summary for 4/23/01 gradient wind event:

A vigorous low pressure system in Wisconsin brought a trailing cold front through Iowa and Illinois. The system brought strong gradient winds to western Illinois. From late morning through sunset, a southwest wind gusted over 40 mph across the area. The highest measured speed in northwest Illinois was 46 mph at the Quad City Airport in Moline. There was no significant damage reported.

ILLINOIS, South

ILZ084

Jackson

04	1900CST				0	0			Flood
09	1100CST								

At Murphysboro, the Big Muddy River crested at 18.53 feet on April 7 at 9 A.M. Flood stage is 16 feet. This resulted in minor flooding of low-lying agricultural bottomland. The flooding was caused by heavy rains in southern Illinois and backwater from high flows on the Mississippi River.

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

18	0400CST				0	0			Frost
	0700CST								

An unusually late frost damaged unprotected crops and gardens. The low temperature at Carbondale was 27 degrees, and Mcleansboro in Hamilton County got down to 24 degrees. At an orchard 10 miles northeast of Metropolis, about half the peach and nectarine crop was killed.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, Southwest									
Adams County									
Fowler	05	1930CST			0	0			Hail (0.75)
Adams County									
Ursa	05	1935CST			0	0			Hail (0.75)
Adams County									
2 S Clayton	05	2000CST			0	0			Hail (0.75)
Storm spotters reported several instances of 3/4 inch hail across Adams County.									
Brown County									
3 SE Mt Sterling	05	2024CST			0	0			Hail (0.75)
Brown County									
3 SE Mt Sterling	05	2031CST			0	0			Hail (1.25)
Brown County									
Versailles	05	2035CST			0	0			Hail (0.75)
Storm spotters and emergency management officials reported hail up to 1 1/4 inch in diameter across parts of Brown County.									
Madison County									
Godfrey	09	2109CST			0	0			Hail (0.88)
Amateur radio spotters reported nickel size hail.									
St. Clair County									
Belleville	09	2205CST			0	0			Thunderstorm Wind (G51)
A 60-foot oak tree was blown onto a home by thunderstorm winds in Belleville. The roof and one wall were damaged.									
Macoupin County									
Carlinville	10	0522CST			0	0			Hail (0.75)
The County Emergency Manager reported 3/4 inch hail.									
Madison County									
Fosterburg	10	1032CST			0	0			Hail (1.00)
Storm spotters reported 3/4 to 1 inch hail in Fosterburg.									
Bond County									
Smithboro	10	1130CST			0	0	5K		Thunderstorm Wind (G55)
Thunderstorm wind gusts blew over a tractor-trailer on Interstate 70 near Smithboro.									
Fayette County									
St Elmo	10	1200CST			0	0			Hail (0.88)
The St. Elmo Fire Department reported nickel size hail.									
Macoupin County									
3 W Girard	10	1715CST			1	0			Lightning
A 49 year old woman was struck and killed by lightning while working outside at her home at Sunset Lake west of Girard. Witnesses reported that the woman was planting and watering flowers and had knelt down at the edge of the lake to dip out some more water when the lightning struck.									
F49OU									
Madison County									
Granite City to Pontoon Beach	10	2035CST 2038CST	2	100	0	1	5M		Tornado (F1)

Storm Data and Unusual Weather Phenomena

April 2001

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

ILLINOIS, Southwest



A building at the New Parkside Apartments in Granite City destroyed by a tornado.

The 6th and last tornado spawned by the Heavy Precipitation Supercell that moved across the NWS St. Louis, County Warning Area, formed on the east side of Granite City and moved east into south Pontoon Beach. The tornado first damaged an apartment complex near Worthen Park. Two buildings were destroyed with 4 others suffering major to minor damage. Several cars in the parking lot were damaged by flying debris. One person was injured by flying glass. The tornado caused intermittent damage as it moved east across the Legacy Golf Course. Trees were downed and 3 homes suffered roof damage. In southern Pontoon Beach, one house was destroyed as the attached garage was blown away and the entire roof blown off. About 20 other homes/businesses were damaged before the tornado dissipated.

Madison County

Glen Carbon

10	2039CST	0	0			Hail (1.75)
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Storm spotters reported golf ball size hail.

Madison County

Edwardsville

10	2100CST	0	0			Hail (1.75)
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Madison County

1 E Troy

10	2125CST	0	0			Hail (1.00)
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Madison County

5 NW Highland

10	2130CST	0	0			Hail (1.75)
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Madison County

Marine

10	2130CST	0	0	20K		Thunderstorm Wind (G55)
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The Heavy Precipitation Supercell that produced tornadoes and damaging hail across eastern Missouri continued east into Illinois. Although it weakened, it still produced hail from quarter to golf ball size across Madison County. Numerous homes and automobiles were damaged. In Marine, a 50-year old elm tree was blown onto a home while a 60-year old mulberry tree was blown onto the garage. It took 3 days for a tree service company to remove the trees.

Bond County

4 SE Greenville

10	2205CST	0	0			Thunderstorm Wind (G52)
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The County Sheriff reported several trees down on the south side of Interstate 70.

Fayette County

Vandalia

10	2230CST	0	0			Hail (1.00)
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One inch hail was reported in the west side of Vandalia.

ILZ095-097>099

Adams - Pike - Calhoun - Jersey

13	1100CST	0	0			Flood
30	2300CST					

Heavy rainfall in the north hastened the snowmelt in Minnesota and Iowa. Although the flood wave attenuated significantly by the time it reached the St. Louis Hydrologic Service Area (HSA), the flooding was still significant. Quincy, IL reached the 10th highest crest of all time reaching 23.5 feet (flood stage 17) on April 27. The flooding was mainly limited to natural floodplain and agricultural lowland, although a few businesses along the riverfront were affected.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ILLINOIS, Southwest</u>									
Adams County									
Quincy	21	1643CST			0	0			Hail (1.00)
Adams County									
2 S Quincy	21	1645CST			0	0			Hail (1.00)
A local radio station in Quincy and a storm spotter just south of Quincy reported 1 inch hail.									
Madison County									
Wood River	30	1643CST			0	0			Hail (0.88)
Storm spotters reported nickel size hail.									
<u>INDIANA, Central</u>									
Fountain County									
Covington to Veedersburg	06	1500EST 1510EST			0	0			Hail (0.75)
Warren County									
2 S State Line	06	1513EST 1515EST			0	0			Hail (1.00)
Vermillion County									
Rileysburg	06	1520EST 1525EST			0	0			Hail (2.00)
Fountain County									
2 NE Kingman	06	1530EST 1532EST			0	0			Hail (0.75)
Montgomery County									
Waveland	06	1543EST 1545EST			0	0			Hail (1.75)
Putnam County									
Russellville	06	1554EST 1609EST			0	0			Hail (0.75)
Putnam County									
Greencastle	06	1610EST 1614EST			0	0			Hail (1.75)
Morgan County									
Little Pt	06	1640EST 1642EST			0	0			Hail (1.75)
Morgan County									
Hall	06	1656EST 1658EST			0	0			Hail (0.75)
Morgan County									
1 S Monrovia	06	1700EST 1702EST			0	0			Hail (1.00)
A few supercell thunderstorms tracked along a warm front across central Indiana and produced widespread large hail.									
Randolph County									
Ridgeville	09	2000EST 2002EST			0	0			Hail (1.00)
Randolph County									
Deerfield	09	2036EST 2038EST			0	0			Hail (1.75)
Randolph County									
3 E Winchester	09	2043EST 2045EST			0	0	10K		Thunderstorm Wind (G52)
Tippecanoe County									
Cairo	09	2314EST			0	0	50K		Thunderstorm Wind (G52)
Howard County									
Kokomo	10	0055EST 0109EST			0	0			Hail (1.25)
Parke County									
Bellmore	10	0125EST			0	0			Thunderstorm Wind (G50)
Hamilton County									
2 W Carmel to Noblesville	10	0140EST 0145EST			0	0			Hail (1.50)

Storm Data and Unusual Weather Phenomena

April 2001

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

Madison County

5 N Anderson	10	0203EST			0	0			Hail (0.88)
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A few supercell storms moved across northern parts of the CWA producing widespread large hail and isolated wind damage. A semi was overturned near Cairo, a few roofs were damaged just east of Winchester and trees and power lines were down Bellmore in Parke county.

Knox County

Bruceville to Edwardsport	10	1002EST 1008EST			0	0			Hail (2.00)
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Sullivan County

Sullivan	10	1004EST 1006EST			0	0			Hail (0.88)
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Daviess County

Elnora	10	1032EST 1034EST			0	0			Hail (1.25)
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Martin County

Crane	10	1047EST 1049EST			0	0			Hail (1.75)
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Greene County

Owensburg	10	1105EST 1107EST			0	0			Hail (0.75)
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Lawrence County

Bedford	10	1108EST 1115EST			0	0			Hail (2.00)
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Jackson County

Medora	10	1150EST 1152EST			0	0			Hail (0.75)
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A single supercell moved along a stationary front producing widespread large hail.

Sullivan County

Dugger	10	1550EST 1552EST			0	0			Hail (0.75)
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Greene County

Linton	10	1610EST 1612EST			0	0			Hail (1.75)
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Lawrence County

O Oolitic	10	1751EST 1752EST			0	0	10K		Thunderstorm Wind (G52)
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Jackson County

Reddington	10	1851EST 1853EST			0	0			Hail (1.00)
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A supercell storm produced large hail across a few south central Indiana counties and produced roof and window damage to Oolitic High School.

INZ028>029-035-043>044 Warren - Tippecanoe - Fountain - Vermillion - Parke

11	1730EST			0	0			Flood
16	0700EST							

Around 4 inches of rain fell from the 9th through the 11th causing minor flooding along the Upper portion of the Wabash River from Lafayette to Montezuma. Lafayette crested at 14.8 feet (flood stage is 11 feet) on the 12th. Covington reached 18 feet (flood stage is 16 feet) on the 13th, and Montezuma plateaued at 15.6 feet (flood stage is 14 feet) on the 14th. Minor flooding of agricultural bottomland and a few county road closing resulted.

Tippecanoe County

8 S Lafayette	11	2355EST 2356EST			0	0	50K		Thunderstorm Wind (G52)
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Emergency Manager reported an overturned semi south of Lafayette.

Tippecanoe County

3 SSE Dayton	23	1423EST 1428EST			0	0	150K		Thunderstorm Wind (G52)
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Clinton County

2 W Jefferson	23	1430EST 1432EST			0	0			Thunderstorm Wind (G50)
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An area of thunderstorms knocked down numerous trees and power lines and blew over a semi on Interstate 65 at milemarker 164.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
INDIANA, Northeast							
Allen County							
Ft Wayne	06	0200EST			0 0	25K	Thunderstorm Wind
							Warehouse at 4413 Dalman Rd had garage door and north wall blown out.
Allen County							
Hessan Castle	06	0205EST			0 0	2K	Thunderstorm Wind
							Fence destroyed. Post driven through a bedroom window. Gutter blown off a house.
Cass County							
Walton	09	1729EST			0 0		Hail (0.88)
Miami County							
Grissom Afb	09	1733EST			0 0		Hail (0.88)
Wabash County							
Somerset	09	1733EST			0 0		Hail (0.75)
Cass County							
Onward	09	1735EST			0 0		Hail (1.00)
Miami County							
7 SSW Peru	09	1744EST			0 0		Hail (1.75)
Miami County							
Mexico	09	1745EST			0 0		Hail (1.00)
Miami County							
9 SSE Peru	09	1750EST			0 0		Hail (1.00)
Pulaski County							
3 NW Medaryville	09	1752EST			0 0		Hail (1.75)
Miami County							
Bunker Hill	09	1755EST			0 0		Hail (1.75)
							Several cars were reported damaged by the large hail.
Starke County							
3 SW North Judson	09	1756EST			0 0		Hail (1.75)
Miami County							
1 W Peru	09	1800EST			0 0		Hail (0.75)
Wabash County							
9 S Wabash	09	1823EST			0 0		Hail (0.75)
Grant County							
3 W Marion to Marion	09	1825EST			0 0		Hail (0.88)
Wabash County							
Somerset	09	1829EST			0 0		Hail (0.75)
Grant County							
8 E Marion	09	1845EST			0 0		Hail (1.75)
Grant County							
Marion	09	1845EST			0 0		Hail (0.88)
							Power lines reported blown down.
Cass County							
Lake Cicott	09	1850EST			0 0		Hail (0.75)
Fulton County							
Fulton	09	1856EST			0 0		Hail (1.25)
Grant County							
Arcana	09	1900EST			0 0	0	Thunderstorm Wind
							Roof blown of a barn.
Miami County							
2 N Peru to Erie	09	1900EST			0 0	50K	Thunderstorm Wind
							Several homes sustained window and siding damage due to the hail and high winds.
Miami County							
Erie	09	1903EST			0 0		Hail (1.75)
Grant County							
Arcana	09	1905EST			0 0		Hail (2.00)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>INDIANA, Northeast</u>									
Wabash County									
Somerset	09	1909EST			0	0			Hail (1.25)
Wabash County									
1 SW Wabash	09	1909EST			0	0			Hail (1.00)
Wabash County									
3 S Wabash to 1 S Wabash	09	1909EST			0	0			Hail (0.88)
Blackford County									
2 N Hartford City	09	1920EST			0	0			Hail (4.50)
		Power lines down.							
Blackford County									
Hartford City	09	1923EST			0	0			Hail (1.75)
		Golfball size hail reported across the county.							
Wabash County									
Somerset	09	1924EST			0	0			Hail (1.00)
Wabash County									
La Fontaine	09	1928EST			0	0			Hail (0.88)
Blackford County									
3 NE Hartford City	09	1930EST			0	0			Hail (0.88)
Grant County									
Marion	09	1930EST			0	0			Hail (1.00)
Grant County									
Arcana	09	1935EST			0	0			Hail (1.75)
Grant County									
Arcana	09	1935EST			0	0	150K		Thunderstorm Wind
		Several roofs reported blown off. Many trees down.							
Jay County									
14 NW Portland	09	1940EST			0	0			Hail (1.75)
Jay County									
Pennville	09	1942EST			0	0			Hail (1.75)
Jay County									
Portland	09	1953EST			0	0			Hail (1.75)
Blackford County									
Hartford City	09	1955EST			0	0			Hail (1.75)
Jay County									
Redkey	09	2002EST			0	0	0		Thunderstorm Wind
		Trees down.							
White County									
6 W Brookston	09	2255EST			0	0			Hail (0.75)
White County									
6 W Chalmers	09	2312EST			0	0			Hail (0.75)
Kosciusko County									
2 N North Webster	10	0058EST			0	0			Hail (0.75)
Noble County									
Cromwell	10	0110EST			0	0			Hail (0.75)
Noble County									
Ligonier	10	0117EST			0	0			Hail (1.75)
Lagrange County									
Topeka	10	0125EST			0	0			Hail (0.75)
White County									
1 S Reynolds	10	0128EST			0	0			Hail (0.75)
Noble County									
Rome City	10	0133EST			0	0			Hail (1.75)
Noble County									
Ligonier	10	0145EST			0	0			Hail (1.25)
Steuben County									
1 W Salem Center	10	0154EST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 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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INDIANA, Northeast

Steuben County

Angola	10	0208EST			0	0			Hail (0.88)
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Synoptic and mesoscale conditions on April 9th, 2001...

A stalled frontal boundary extended from northern Ohio back west into northeast Missouri with a developing surface low pressure wave near Quincy, Illinois Monday afternoon. This wave intensified late in the afternoon as a shortwave trough embedded within the southern periphery of a significant upper jet maxima of 120 knots over Minnesota pulled out into the upper Midwest. Wind profilers at both Wolcott, Indiana and Winchester, Illinois indicated rapid backing low level winds and increasing speed convergence around 2500 feet coincident with rapid convective initiation along the frontal boundary from Logansport to Rensselaer.

Storms rapidly intensified with CAPES (Convective Available Potential Energy, a measure of parcel buoyancy) south of the frontal boundary up to 3000 J/kg. In addition...several storm scale mergers were observed with a left over outflow boundary from prior convection. Thunderstorm intensification was very rapid owing to the large amount of instability in place along and south of a Monticello to Muncie line. Deep layer shear to 50 knots was more than sufficient for supercell development. Indeed most storms along the outflow boundary exhibited strong rotation...mainly at mid-levels but two storms in particular that moved across Cass, Miami, Grant, Blackford and Jay exhibited persistent, deep rotation with several funnel cloud reports but failed to produce any confirmed tornadoes. However...these two storms did produce prodigious large hail...up to 4.5 inches in diameter just north of Hartford City.

INZ004>005-014-014 St. Joseph - Elkhart - Marshall

12	0700EST				0	1	0		High Wind (G52) ^M
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A large tree and several limbs were blown down in Granger leaving 2600 people without power for a time. An additional 2900 people were without power across the county with several tree limbs blown down on power lines.

Cass County

2 SE Royal Center	23	1506EST			0	0	0		Thunderstorm Wind
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One large tree blown down across the road along 400N and US 35.

Cass County

5 NW Logansport	23	1508EST			0	0	0		Thunderstorm Wind
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Large tree blown down.

Miami County

Macy	23	1515EST			0	0	0		Thunderstorm Wind
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Large tree limbs down on several roads.

Miami County

5 E Peru	23	1515EST			0	0	0		Thunderstorm Wind
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Several tree limbs blown down along Wabash road.

Kosciusko County

1 NW North Webster	23	1537EST			0	0	0		Thunderstorm Wind
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Large limb blown down.

Starke County

San Pierre	23	1705EST			0	0	0		Thunderstorm Wind
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Large tree blown down taking power lines down with it.

Pulaski County

3 S Medaryville	23	1725EST			0	0	0		Thunderstorm Wind
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Large tree blown down along US 421.

INDIANA, Northwest

Newton County

Brook	08	1516CST 1616CST			0	0			Thunderstorm Wind (G55)
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Numerous trees blown down.

Newton County

Enos	08	1530CST			0	0	75K		Thunderstorm Wind (G65)
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One building completely leveled by straight line winds.

Benton County

Countywide	08	1610EST			0	0			Thunderstorm Wind (G55)
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Numerous trees and power lines blown down.

A bow echo moved out of central Illinois into northwest Indiana during the afternoon of Sunday July 8th. Wind speed were estimated at 75 mph which knocked down trees and power lines. No injuries were reported from the storms.

Storm Data and Unusual Weather Phenomena

April 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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INDIANA, Northwest

Jasper County									
4 NE Rensselaer	09	1645CST			0	0			Hail (1.00)
Benton County									
3 N Earl Park	09	2146EST			0	0			Hail (1.75)
Benton County									
Earl Park	09	2200EST			0	0			Hail (1.00)

INDIANA, South Central

Washington County									
Millport	10	1200EST			0	0			Hail (0.88)
Jefferson County									
Hanover	10	1240EST			0	0	5K		Thunderstorm Wind (G75)
Siding was blown off several homes. Hail was also reported with this event, but the size was undetermined.									
Clark County									
Jeffersonville	10	1625EST			0	0			Hail (1.50)
Washington County									
Little York	10	1810EST			0	0			Hail (0.75)

INDIANA, Southeast

Ripley County									
Countywide	06	1549EST 1605EST			0	0	75K		Thunderstorm Wind (G60)
Twelve houses and two mobile homes sustained minor damage. Seven barns were destroyed, five with heavy damage. A tree fell on a car. Nickel size hail also occurred.									
Dearborn County									
Lawrenceburg	06	1610EST 1615EST			0	0	3K		Thunderstorm Wind (G50)
A few trees were knocked down.									
Ohio County									
Rising Sun	06	1720EST 1723EST			0	0	3K		Thunderstorm Wind (G50)
A few trees were knocked down.									
Switzerland County									
Bennington	10	1345EST 1348EST			0	0			Hail (1.00)
Ripley County									
Versailles	10	1715EST 1719EST			0	0			Hail (0.88)

INDIANA, Southwest

INZ081>082-085>088 Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer									
	18	0400CST 0700CST			0	0			Frost
An unusually late frost damaged unprotected crops and gardens. The low temperature at Evansville was 26 degrees, a record for the date. Among the most heavily affected crops were strawberries, peaches, nectarines, and apples.									

IOWA, Central

IAZ004-006>007-015>017-023>027-035>036 Emmet - Winnebago - Worth - Palo Alto - Hancock - Cerro Gordo - Pocahontas - Humboldt - Wright - Franklin - Butler - Webster - Hamilton									
	01 04	0000CST 2300CST			0	0	65K		Flood
April 2001 began with continued minor to moderate snowmelt flooding in portions of the Iowa, Cedar and Des Moines River basins. The first significant rainfall of the month affected much of the Des Moines Hydrologic Service Area (HSA) on the 5th as scattered showers and the seasons's first thunderstorms moved across the area. Several rivers crossed over from March into April at to just a little over flood stage, but flooding was pretty much limited to agricultural lands.									
Adams County									
Carbon	05	1235CST			0	0			Hail (0.75)
Ringgold County									
Redding	05	1431CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 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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IOWA, Central

Ringgold County Redding

05	1440CST				0	0	30K		Thunderstorm Wind (G75)
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The seasons first severe weather event took place during the afternoon of the 5th. A strong upper level low pressure system over the southwest was in place with a broad area of south winds across the Plains. Moisture from the Gulf of Mexico streamed north with surface dew points in the 60s to low 70s from central Iowa south to the Gulf Coast. The moisture was fairly deep with 850 Mb dew points in the 10 to 15 degree C. range as well. Thunderstorms formed to the southwest of the Des Moines CWA in an area of strong Theta-E advection. The storms moved into southwest and south central Iowa during the afternoon before sinking south into Missouri by early evening. Three quarter inch diameter hail occurred in Adams and Ringgold Counties as the stronger storms moved overhead. In addition, high winds occurred in Ringgold County. Several large trees were downed by the high winds. In addition, structural damage was reported to a few buildings in the town of Redding.

Audubon County

2 NE Audubon

06	0315CST				0	0	15K		Thunderstorm Wind (G56)
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Audubon County

2 NE Audubon

06	0545CST				0	0	30K		Thunderstorm Wind (G61)
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Guthrie County

Guthrie Center

06	0559CST				0	0	1K		Hail (0.88)
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Guthrie County

Guthrie Center

06	0600CST				0	0	3K		Thunderstorm Wind (G61)
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Guthrie County

Panora

06	0615CST				0	0	2K		Thunderstorm Wind (G61)
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Polk County

Johnston

06	0645CST				0	0	5K		Hail (0.88)
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Polk County

Ankeny

06	0655CST				0	0			Hail (0.75)
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A strong storm system was moving into the southern Rockies. A warm front extended east from a developing surface low over the southwest U.S. Thunderstorms erupted during the late night hours on the nose of the low level jet. Dew points were in the 60s to low 70s to the south of the front. Thunderstorms moved into central Iowa, producing hail and high winds. Winds of 70 MPH were reported in Guthrie County in the Panora and Guthrie Center areas. Winds downed a tree on top of a garage in Guthrie Center. Hail was common with the storms. There were numerous reports of pea to marble size hail. Nickel size hail covered the ground at Guthrie Center and in Johnston. As the storms moved east, hail of three quarter inch diameter fell in Ankeny.

Kossuth County

Lakota

06	1845CST				0	0	25K		Thunderstorm Wind (G56)
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Worth County

Manly

06	1910CST				0	0	15K		Thunderstorm Wind (G52)
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Worth County

Joice

06	1912CST				0	0	10K		Thunderstorm Wind (G56)
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Worth County

Grafton

06	1916CST				0	0	3K		Thunderstorm Wind (G50)
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Worth County

Manly

06	1916CST				0	0	2K		Thunderstorm Wind (G50)
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Worth County

Grafton

06	1930CST				0	0	3K		Thunderstorm Wind (G52)
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The storm mentioned in the previous narrative continued to track northeast during the day on the 6th. As the evening progressed, the storms system "bombed" out as a strong negatively tilted trough aloft moved across the central U.S. Warm and dry air moved in aloft, tending to cap the convection during the afternoon. By evening the colder air began to wrap around the surface low pressure as rapid deepening took place. Thunderstorms erupted again north of the warm front as it lifted north across the state. High winds were the result as a very strong wind profile was in place. High winds caused damage on a farm near Lakota in Kossuth County. At least one grain bin was blown over and several others were damaged. A tree was downed on a house in Worth County in Manly. There were numerous reports of damage around the county caused by the winds and broken branches. A semi-tractor trailer was overturned by the high winds on Interstate 35 near the Joice exit. Fortunately the driver was not injured.

IAZ004>007-015>017-023>028-033>039-044>050-057>062-070>075-081>086-092>097

Emmet - Kossuth - Winnebago - Worth - Palo Alto - Hancock - Cerro Gordo - Pocahontas - Humboldt - Wright - Franklin - Butler - Bremer - Sac - Calhoun - Webster - Hamilton - Hardin - Grundy - Black Hawk - Crawford - Carroll - 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

07	0400CST				0	4	3.2M		High Wind (G72) ^M
	1900CST								

A powerful storm system lifted northeast out of the Rockies during the night of the 6th into the morning of the 7th. The storm

Storm Data and Unusual Weather Phenomena

April 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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IOWA, Central

intensified rapidly as it moved across the central U.S. with the central pressure falling below 980 Mb during the day on the 7th. A very strong pressure gradient resulted. Winds increased during the predawn hours of the 7th as the gradient tightened and the dry slot moved over the state. Winds gusted to as much as 61 MPH by shortly after 0400 CST in Carroll. During the day on the 7th, sustained winds increased to 35 to 45 MPH across the state by shortly after sunrise. The winds caused at least minor damage in most areas of the state. There were numerous reports of tree limb damage and objects being blown around. The strongest winds were over the north and west portion of the Des Moines CWA. A few of the wind gusts include an 83 MPH wind gust near Mason City. At one point reports indicated winds were sustained at 55 MPH with gusts to 83 MPH. Trees were toppled, street signs were blown down, and shingles were removed from many buildings. Several semi-tractortrailer trucks were blown over on Interstate 35 by the storm force west wind. An official wind gust of 82 MPH was received from Storm Lake, just outside of the Des Moines CWA. Eighty MPH winds were reported in Emmet County at Wallingford. One to two foot diameter trees were uprooted. In addition, roof damage was reported as well as numerous reports of grain bins being blown over. In Wright County, 74 MPH winds were recorded at the Eagle Grove Airport. A section of the hanger roof was blown off by the winds there. Wind gusts of 70 MPH were received from both Algona and Wesley in Kossuth County. In Worth County, 70 MPH winds blew a three foot diameter tree onto a squad car in Northwood. Farther to the west, winds of 69 MPH were reported at Denison in Crawford County. Wind gusts in the 60 to 70 MPH range were too numerous to mention. Damage was widespread over the northwest half of the state ranging from fallen trees to shingle damage and blown over outbuildings. Over the southeast half of the state damage was not as widespread with most being in the form of broken branches, shingle damage, and a few fallen trees. Two people were injured in Thompson in Winnebago County. High winds toppled a camper in a recreational park in town. The camper toppled end over end with the two occupants treated and released in local hospital. Two others were injured in Hancock County as winds blew a car off of the road near Crystal Lake.

**IAZ004>007-
015>017-023>028-
033>037-039-
045>046-048>049-
074>075-083>086-
094>095**

Emmet - Kossuth - Winnebago - Worth - Palo Alto - Hancock - Cerro Gordo - Pocahontas - Humboldt - Wright - Franklin - Butler - Bremer - Sac - Calhoun - Webster - Hamilton - Hardin - Black Hawk - Carroll - Greene - Story - Marshall - Marion - Mahaska - Clarke - Lucas - Monroe - Wapello - Decatur - Wayne

07	2100CST	0	0	4.7M	Flood
17	0300CST				

The first significant rainfall of the month affected much of the Des Moines Hydrologic Service Area (HSA) on the 5th as scattered showers and the seasons's first thunderstorms moved across the area. The 24-hour isohyetal map showed a chaotic pattern as 0.50 to 0.75 inches fell across west central Iowa, mainly in the North Raccoon River basin. Rains in excess of a half-inch fell along the southern border of Iowa. Less than 0.10 of an inch fell over northwest and south central parts of the HSA, while a broad area of around 0.25 inches fell from just north of Des Moines northeast into the Cedar basin. Early on the 6th a few severe storms developed over west central Iowa and moved just north of Des Moines. Hail and brief heavy rain (0.68") accompanied the storms as they passed over the Des Moines WFO in Johnston. Numerous Flood Statements and several Flood Warnings were issued on the 7th in response to previous rains and the forecast rainfall for the next 24 hours. Heavy rains did develop across much of Iowa on the 8th, with the highest amounts over the southwest and central portions of the HSA: The cooperative observer at Blockton picked up 2.45", Beaconsfield 2.07", and the Des Moines Airport ASOS 1.59". Widespread severe weather also occurred on the 8th into the early morning hours of the 9th and this was combined with heavy rainfall. Flash Flood Warnings were issued for eight counties, including Ringgold, Decatur, Taylor, Wayne, Dallas, Polk, Marshall and Story counties as radar and satellite estimated rain of up to 4 inches fell in parts of the affected counties. Renewed rains developed on the 10th and began an extraordinarily wet period, especially for northwestern parts of the HSA. At Estherville, in the upper Des Moines River basin, a 2-day total of 2.79" fell on the 10th and 11th. These rains drove the West Fork Des Moines River well above Flood Stage from the Minnesota River downstream to its confluence with the mainstem Des Moines River at Humboldt. Estherville (ESVI4) crested at 13.38 feet on the 12th, which was the highest level since 1993 (15.38 ft.) and the 8th highest on record. At Emmetsburg, the river crested on the 14th at 12.31 feet, also its highest level since 1993 and 10th highest on record. Snowmelt flooding in the Cedar and Iowa basins peaked about mid-month, with the Cedar at Waterloo (FS = 12) reaching 16.59 feet on the 15th and Iowa at Marshalltown (FS = 15) 15.86 feet on the 17th. None of the flooding was particularly serious. The second half of April saw a much drier weather pattern over much of central Iowa, although moderate to heavy rains fell across much of the region from April 21-22. The heaviest rains were again over the northwest sections of the HSA, which maintained high river levels, but not reaching the levels seen a week earlier. River levels fell through the rest of the month.

Warren County

Hartford	08	1801CST	0	0	5K	Hail (1.00)
Polk County						
Runnells	08	1814CST	0	0	5K	Hail (1.00)
Jasper County						
Monroe	08	1837CST	0	0	5K	Hail (1.00)
Jasper County						
Reasnor	08	1841CST	0	0	2K	Hail (0.88)
Polk County						
Polk City	08	1841CST	0	0	15K	Hail (1.75)
Polk County						
Grimes	08	1852CST	0	0	20K	Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2001

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

IOWA, Central

Polk County									
Grimes	08	1854CST			0	0	5K		Hail (1.00)
Polk County									
Grimes	08	1858CST			0	0	3K		Hail (1.00)
Madison County									
Earlham	08	1904CST			0	0	4K		Hail (1.00)
Polk County									
Urbandale	08	1912CST			0	0			Hail (0.75)
Taylor County									
Conway	08	1912CST			0	0	10K		Hail (1.75)
Story County									
Maxwell	08	1938CST			0	0	3K		Hail (1.00)
Ringgold County									
12 W Mt Ayr	08	1945CST			0	0	6K		Hail (1.25)
Guthrie County									
Menlo	08	1946CST			0	0	4K		Hail (1.00)
Guthrie County									
Menlo	08	1956CST			0	0	5K		Hail (1.00)
Dallas County									
3 W Waukee	08	2019CST			0	0	10K		Hail (1.75)
Dallas County									
Waukee	08	2025CST	0.2	20	0	0			Tornado (F0)
		Brief touchdown							
Dallas County									
Waukee	08	2027CST			0	0	3K		Hail (1.00)
Marshall County									
6 S Marshalltown	08	2027CST			0	0	1K		Hail (0.88)
Polk County									
Grimes	08	2030CST			0	0	4K		Hail (1.00)
Polk County									
1 W Johnston	08	2034CST			0	0			Hail (0.75)
Polk County									
Johnston	08	2035CST			0	2	100K		Lightning
Decatur County									
5 W Lamoni	08	2038CST	0.3	30	0	0	1K		Tornado (F0)
		Minor damage in rural area with brief touchdown.							
Decatur County									
2.5 S Leon	08	2046CST			0	2	25K		Thunderstorm Wind (G61)
Polk County									
West Des Moines	08	2048CST			0	0	50K		Hail (1.75)
Decatur County									
3 N Grand River	08	2105CST			0	0	2K		Hail (1.00)
Ringgold County									
Mt Ayr	08	2125CST			0	0	2K		Hail (0.88)
Ringgold County									
Mt Ayr	08	2129CST			0	0	4K		Hail (1.00)
Ringgold County									
Kellerton	08	2144CST			0	0	4K		Hail (1.00)
Adams County									
1 NE Mt Etna to 2 NE Mt Etna	08	2149CST 2151CST	1	50	0	1	100K		Tornado (F1)
		Trailer house overturned and destroyed. Roofs torn off of two sheds.							
Tama County									
2 NE Elberon	08	2150CST			0	0	1K		Hail (0.88)
Tama County									
2 NE Elberon	08	2150CST	0.1	20	0	0			Tornado (F0)
		Brief touchdown.							

Storm Data and Unusual Weather Phenomena

April 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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IOWA, Central

Ringgold County									
7 SE Mt Ayr	08 09	2200CST 0200CST			0	0	50K		Flash Flood
Adair County									
Orient	08	2210CST			0	0	2K		Hail (0.88)
Decatur County									
Leon	08	2211CST			0	0	5K		Lightning
Decatur County									
Leon	08	2211CST			0	2	5K		Thunderstorm Wind (G71)
Decatur County									
Garden Grove	08	2230CST			0	0	50K		Lightning
Wayne County									
6 S Humeston	08	2236CST			0	0	2K		Hail (0.88)
Wayne County									
3 W Millerton	08	2256CST			0	0	5K		Hail (1.75)

Following the passage of the powerful storm system earlier in the weekend, another round of severe weather was on tap for the state. The cold front from the previous storm did not move all that far to the south of Iowa. As a result, warm and moist air was able to move north into Iowa rapidly. A warm front lifted into southern Iowa during the late afternoon hours, sending temperatures into the 80s over parts of southern Iowa. Dew point temperatures jumped into the low to mid 60s. The atmosphere became very unstable with thunderstorms developing along the front. Most of the storms were associated with the warm front itself, though a mesoscale feature moved along the front setting the stage for an additional like of thunderstorms that developed north to south in south central Iowa. The main feature with the storms was hail. There were numerous reports of hail ranging from nickel size up to golf ball size. Several of the storms had well developed meso circulations associated with them. A few tornadoes resulted. Two of the tornadoes were very small and only touched down briefly in Tama and Dallas Counties. The other tornadoes were stronger. One tornado touched down in Decatur County near Leon. Two people were injured, one requiring hospitalization, as a mobile home was overturned by the gust front ahead of the storm itself. The second of the stronger tornadoes moved through Adams County. A trailer house was overturned and the roofs were removed from two sheds on a farm northeast of Mt. Etna. Thunderstorms produced very heavy rainfall of one to two inches per hour over Ringgold County. Total rainfall approached 4 inches in less than 3 hours as storms repeatedly moved across the same areas. The rain caused flash flooding in the county. In one instance, Lotts Creek overtopped a road southeast of Mt. Ayr, causing nearly \$50,000 in damage as the road washed out. As the storms moved through Decatur County, lightning struck a house in Garde Grove. The house was set on fire, but it was not detected for several hours after the lightning strike. The house was destroyed and completely burned to the ground.

Cass County									
Griswold	10	1152CST			0	0	2K		Hail (1.00)
Cass County									
Griswold	10	1200CST			0	0	15K		Hail (1.75)
Cass County									
Griswold	10	1205CST			0	0	15K		Hail (1.75)
Cass County									
Cumberland	10	1210CST			0	0	4K		Hail (1.00)
Adair County									
Bridgewater	10	1235CST			0	0	3K		Hail (1.00)
Adair County									
Bridgewater	10	1237CST			0	0	3K		Hail (1.00)

During the predawn hours of the 10th, a strong area of thunderstorms developed over central Nebraska. This area held together as it moved through eastern Nebraska into Western Iowa. The complex was moving into an area of lower quality air and tended to weaken as it moved into the state. The cluster did make it as far as central Iowa before falling below severe levels. As the storm moved into the Des Moines CWA, the severe event was that of hail. One inch diameter up to golf ball size hail fell out of the strong supercell. The storm weakened as it moved east of Adair County.

Cass County									
3 SW Atlantic	10	1516CST			0	0	2K		Hail (1.00)
Cass County									
Atlantic	10	1516CST			0	0	1K		Hail (0.88)
Cass County									
1 E Lewis	10	1518CST			0	0	7K		Hail (1.75)

In the wake of the strong thunderstorm cluster that moved through the area during the mid day hours, another round of thunderstorms lifted north out of Kansas and Missouri. A strong push of warm and moist air took place with severe thunderstorms developing on the nose of the low level jet stream. Iowa was on the cool side of the frontal system and as a result the severe thunderstorms had a difficult time surviving. One cluster of storms produced hail from nickel up to golf ball size in Cass County before it weakened.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Central									
Adams County 2 NW Carbon	11	0330CST			0	0	25K		Thunderstorm Wind (G65)
Adams County Nodaway	11	0330CST			0	0	20K		Thunderstorm Wind (G65)
Another round of thunderstorms developed over southwest Iowa during the predawn hours of the 11th. These storms formed on the nose of the nocturnal low level jet stream. Most of the storms were not severe, however one cluster of cells became severe when they produced winds of around 75 MPH in Adams County. High winds blew the roof off of a barn northwest of Carbon. High winds blew over several large trees in Nodaway as well as destroying out buildings and causing one garage to cave in.									
Ringgold County 10 S Mt Ayr to 4 N Ellston	11	1040CST 1110CST	23.5	500	0	0	1.5M		Tornado (F3)
Tornado moved out of Missouri into Ringgold County, across the county into Union County.									
Ringgold County 1 E Redding	11	1045CST			0	0	3K		Hail (1.00)
Union County 10 SE Afton to 1.5 NE Thayer	11	1110CST 1127CST	11.5	150	0	0	150K		Tornado (F2)
Tornado moved from Ringgold County, across Union County, into Clarke County.									
Clarke County 3 WNW Murray to 10 NNE Murray	11	1127CST 1145CST	10	150	0	0	125K		Tornado (F2)
Tornado moved from Union County into Clarke County, then moved into Madison County.									
Madison County 13 SE Winterset to 2 N Patterson	11	1145CST 1200CST	15.5	100	0	0	75K		Tornado (F1)
Tornado moved from Clarke County into Madison County before lifting.									
Cass County 2 W Cumberland	11	1226CST			0	0	1K		Thunderstorm Wind (G52) ^M
Polk County Saylorville	11	1237CST	0.5	35	0	0			Tornado (F0)
Brief touchdown in open area north of Interstate 35/80.									
Madison County Winterset	11	1321CST			0	0	2K		Thunderstorm Wind (G52)
Guthrie County 2.5 SE Bayard to 1.5 E Bayard	11	1325CST 1328CST	2	75	0	0	60K		Tornado (F1)
Tracked through mostly open area southeast of Bayard and destroyed a barn.									
Marion County Knoxville	11	1330CST			0	0	3K		Hail (1.00)
Dallas County Redfield	11	1333CST			0	0	5K		Thunderstorm Wind (G61)
Dallas County De Soto	11	1335CST			0	0	3K		Thunderstorm Wind (G61)
Dallas County Dallas Center	11	1341CST			0	0	2K		Thunderstorm Wind (G56)
Greene County Jefferson	11	1345CST	0.5	25	0	0			Tornado (F0)
Brief touchdown in open country.									
Dallas County Perry	11	1349CST			0	0	5K		Thunderstorm Wind (G61)
Polk County West Des Moines	11	1351CST			0	0			Hail (0.75)
Polk County West Des Moines	11	1351CST			0	0			Hail (0.75)
Polk County Grimes	11	1353CST			0	0			Hail (0.75)
Lucas County Chariton	11	1400CST			0	0	7K		Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
IOWA, Central									
Boone County									
1.2 NE Ogden	11	1404CST 1405CST	0.7	25	0	0	5K		Tornado (F0)
Short lived tornado in mostly open area.									
Greene County									
1 S Paton to Paton	11	1405CST 1407CST	1	35	0	0	10K		Tornado (F0)
Brief touchdown with some minor damage in Paton.									
Warren County									
Carlisle	11	1405CST			0	5	20K		Thunderstorm Wind (G56)
School bus overturned by wind gust.									
Boone County									
2.5 N Ogden to 5.5 NNE Ogden	11	1406CST 1408CST	3	140	0	0	150K		Tornado (F1)
Relatively brief touchdown, destroyed a barn.									
Polk County									
Johnston	11	1408CST			0	0	2K		Thunderstorm Wind (G50)
Boone County									
1.5 SSW Pilot Mound to 2.5 N Pilot Mound	11	1410CST 1416CST	4	40	0	0	75K		Tornado (F1)
Tracked over mainly open country.									
Boone County									
Pilot Mound	11	1415CST			0	0	10K		Thunderstorm Wind (G75)
Boone County									
4 N Ogden	11	1420CST			0	0	40K		Thunderstorm Wind (G75)
Marion County									
Knoxville	11	1420CST			0	0	2K		Hail (0.88)
Marion County									
Knoxville	11	1420CST			0	0	1K		Hail (0.88)
Boone County									
6 E Boone	11	1423CST			0	0			Thunderstorm Wind (G50) ^M
Marion County									
Knoxville	11	1425CST			0	0	1K		Hail (0.88)
Webster County									
3 E Dayton	11	1437CST	0.2	25	0	0	30K		Tornado (F0)
Brief touchdown with damage reported to trailers and a building.									
Hamilton County									
2 S Webster City to 1 E Webster City	11	1438CST 1441CST	2.2	50	0	0	70K		Tornado (F1)
Two farm buildings blown down in rural area south of Webster City.									
Hamilton County									
Webster City	11	1440CST			0	0	10K		Thunderstorm Wind (G61)
Jasper County									
Colfax to 3.5 NW Baxter	11	1440CST 1451CST	12	45	0	0	10K		Tornado (F1)
Intermittent track through open country. Tornado moved into Marshall County northwest of Baxter.									
Marshall County									
5 S Rhodes to Rhodes	11	1451CST	5	30	0	0	1K		Tornado (F0)
Intermittent track as tornado moved in from Jasper County and roped out.									
Marshall County									
State Center	11	1453CST			0	0	2K		Thunderstorm Wind (G53) ^M
Marshall County									
State Center	11	1453CST			0	0	5K		Thunderstorm Wind (G53)
Hardin County									
Hubbard	11	1500CST			0	0	15K		Thunderstorm Wind (G70)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Central</u>									
Wapello County									
1 SW Agency to 7 NNE Agency	11	1500CST 1508CST	8.4	100	2	3	400K		Tornado (F2)
									Quick moving tornado, touchdown with strongest part in Agency. Nine buildings with major damage, 43 with minor. Two buildings destroyed. Two dead, three injured. F73BU, F61BU
Franklin County									
8 SW Coulter	11	1510CST			0	0	10K		Thunderstorm Wind (G65)
Franklin County									
1 SW Hampton	11	1520CST			0	0	30K		Thunderstorm Wind (G75)
Franklin County									
4 NW Hampton	11	1520CST			0	0	10K		Thunderstorm Wind (G65)
Hardin County									
Eldora	11	1520CST			0	0	20K		Thunderstorm Wind (G70)
Franklin County									
Hampton	11	1523CST			0	0	10K		Thunderstorm Wind (G52)
Franklin County									
Sheffield	11	1525CST			0	0	50K		Thunderstorm Wind (G70)
Cerro Gordo County									
1 SSE Thornton	11	1526CST			0	0	1K		Thunderstorm Wind (G52) ^M
Butler County									
Parkersburg	11	1537CST			0	0	15K		Hail (1.75)
Black Hawk County									
Cedar Falls	11	1558CST			0	0			Thunderstorm Wind (G75)
Black Hawk County									
4 W La Porte City to Raymond	11	1607CST 1617CST	10	50	0	0	125K		Tornado (F1)
									Tornado with intermittent track over open country.
Black Hawk County									
Jubilee	11	1618CST			0	0	15K		Thunderstorm Wind (G70)
Black Hawk County									
La Porte City	11	1619CST			0	0	100K		Thunderstorm Wind (G70)
Black Hawk County									
2 E La Porte City	11	1622CST			0	0	25K		Thunderstorm Wind (G70)

A very powerful storm system moved through the southern Rockies during the night of the 10th and early morning of the 11th. Intense surface low pressure formed over western Kansas with a central pressure by sunrise on the 11th of 977 Mb. The weather situation was very dynamic with 500 Mb winds over 100 kts and a very sharp dry punch clearly visible on the satellite pictures. During the day the warm front that extended east from the low reached into southern Iowa, then extended eastward. There were two things that occurred during the day. The first was a very strong supercell that formed over northern Missouri during the morning. This storm lifted north-northeast at about 50 kts into Iowa, producing a long track tornado with a path extending nearly all the way to Des Moines. During the afternoon the warm front surged north with the northeast progression of the surface dry line. Dew points rose into the mid 60s to the south of the warm front across much of the southeast half to two thirds of Iowa. Surface temperatures in these areas reached the 60s north, with 70s south. With the atmosphere primed, the dry line began to move into Iowa. Dew point temperatures behind the dry line were in the 30s with southwest winds of 30 to 50 MPH. A broken squall line formed on the nose of the dry punch and became severe quickly. The storm cells themselves were not all that large, but nearly every cell along the line did carry a mesoscale circulation. There were several tornado touchdowns as the line lifted north as well. The primary severe weather during this even was the tornadic nature of it. There were reports of wind and hail, but everything considered these reports were pretty scattered. There were very few reports of wind and hail with the first supercell as it lifted north out of Missouri. One inch diameter hail was reported in Ringgold County east of Redding. Reports of winds and hail were more frequent with the second line of thunderstorms. There were numerous reports of hail up to marble size with this line, however there were not all that many reports of hail larger than that. A few reports of three quarter to one inch diameter hail were received from Marion and Polk Counties. The most significant hail occurred in northeast Iowa in Butler County. Golf ball size hail fell in the town of Parkersburg as the line passed over the city. There were more reports of wind with the second round. Nearly all locations reported winds of at least 50 MPH as the line passed overhead. Scattered reports of winds of 70 to 85 MPH were received. Wind damage occurred in Boone County as high winds downed power lines and downed outbuildings north of Ogdon. The greatest wind damage occurred over northeast Iowa in Black Hawk and Franklin Counties. A building was blown off of its foundation and onto an adjacent road southwest of Hampton in Franklin County. A roof of a barn was damaged and a grain wagon was tipped over northwest of Hampton. Roof and house damage was reported over parts of Black Hawk County as well. Five injuries occurred in Warren County at Carlisle when winds of around 65 MPH toppled a school bus. Twenty one children were on board the bus when it overturned with 5 treated for minor injuries. Spotty damage was reported around the greater Des Moines metropolitan area. Several tornadoes occurred with this system. The most

Storm Data and Unusual Weather Phenomena

April 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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IOWA, Central

significant tornado entered southern Iowa around mid day. This tornado reached minimal F3 intensity just east of Mt. Ayr (Ringgold County). Property damage is estimated at over \$500,000 in Ringgold county alone. Across the Des Moines area of responsibility, at least 15 homes were destroyed, and 60 residences were damaged as around a dozen tornadoes touched down. A supercell thunderstorm moved north from Missouri into southern Iowa late in the morning of April 11. The storm produced a tornado in northern Missouri and crossed into Iowa in Ringgold County. The storm, and tornado, moved north through Ringgold County with a continuous damage path half way through the county. The damage path continued north through northern Ringgold County, southeast Union County and into northwest Clarke County. In this area, the path was not continuous. Based on damage reports, the tornado continued to produce occasional damage in Madison County. Chaser reports indicate the tornado had a multi-vortex structure as it moved through Ringgold and Union Counties. The last reported sighting was in northern Polk County where a brief touchdown was reported with no damage. The storm likely produced one tornado from the Missouri border to Madison County with an intermittent damage track. Damage in Ringgold County was severe with initial estimates around \$1 million. The county was later declared a federal disaster area by President Bush. A second tornado briefly touched down in northern Polk County. The touchdown in Polk County was indeed a separate tornado. Even though the tornado was from the same parent cell, the system had occluded and was in the process of forming a new tornado as it passed over the western part of the Des Moines area. Reports from this tornado indicate that at least 9 homes were damaged or destroyed, one business destroyed, and a school building damaged. In addition to losses to homes, one farmstead was hit with considerable damage and some livestock damage. A series of tornadoes formed on the heels of the supercell tornado as the dry line pushed into the state. Most of these were brief touchdowns, however the storms were moving around 60 MPH. Three tornadoes touched down in Boone County. The most significant tornado touched down north of Ogden. It produced a 3 mile long track up to 1/8 mile wide. Farm site hit along highway P70. Barn and grain bins destroyed, knocking out windows in house. Otherwise only minor damage to house. Debris scattered 1 mile to next farm site where there was minor damage to many buildings. Track continued north-northeast across highway E26 into the campground at Don Williams Lake. A storage building was destroyed, several trees downed, plus outhouses, picnic tables and signs were damaged. The damage track dissipated on the northeast side of the Don Williams Recreation Area. There were several brief touchdowns with relatively minor damage in Guthrie, Greene, and Hamilton Counties. A stronger tornado touched down in southeast Black Hawk County, causing significant damage to two homes in the La Porte City area. The most serious tornado in terms of loss of life occurred in Wapello County. A tornado developed in rural southern Wapello County, a mile southwest of Agency, Iowa, around 1600 CDT, on Wednesday, April 11. The tornado path was 50 to 100 yards wide with sporadic touchdowns toward the north-northeast for the next 6 miles. Survey responses indicated that the duration of impact at any one location was only 15 to 30 seconds as the tornado quickly moved through Agency and over farms at a 60 mph horizontal movement. The Odd Fellows Lodge in Agency was destroyed, and over 50 residences were damaged. Two women inside were killed, three people injured and three people had no injuries. As the storm moved through Agency, a garage was lifted and carried about 100 meters off of its foundation. The car inside was twisted and covered with debris. In another incident, one house was hit by the tornado causing damage to the house. The family dog was in the dog pen at the time. The tornado lifted the pen and twirled it through the air. The dog pen was deposited some distance downstream and what was truly amazing was the fact that the dog was uninjured. Following the tornado, U.S. Highway 34 was closed for 2 hours in order to removed debris from the highway. Governor Tom Vilsack visited the area during a storm survey. The governor spoke with Brenda Brock of the National Weather Service, Ellen Gordon, Administrator, Iowa Emergency Management Division, emergency management personnel (fire department, law enforcement, mayor) and the public. A proclamation for emergency disaster assistance was signed.

Cass County

Lewis	20	2056CST			0	0	1K	Thunderstorm Wind (G50) ^M
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Pocahontas County

1 E Pocahontas	20	2110CST 2115CST			0	0	3K	Hail (0.88)
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Pocahontas County

Rolfe	20	2114CST			0	0	5K	Hail (1.00)
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Humboldt County

1 W Humboldt	20	2132CST			0	0	3K	Hail (0.88)
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Humboldt County

12 W Humboldt	20	2135CST			0	0	2K	Hail (0.88)
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Pocahontas County

Plover	20	2143CST			0	0	7K	Hail (1.25)
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Pocahontas County

13 NE Pocahontas	20	2150CST 2200CST			0	0	10K	Hail (1.00)
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Crawford County

2 NW Denison	20	2155CST			0	0	100K	Thunderstorm Wind (G57)
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Calhoun County

Lake City	20	2158CST			0	0	5K	Thunderstorm Wind (G50)
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Cass County

Atlantic	20	2159CST			0	0	2K	Thunderstorm Wind (G52)
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Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Central</u>									
Carroll County									
Manning	20	2200CST			0	0	25K		Thunderstorm Wind (G65)
Cass County									
1 NE Atlantic	20	2201CST			0	0	5K		Thunderstorm Wind (G71) ^M
Cass County									
Griswold	20	2201CST			0	0	2K		Thunderstorm Wind (G52)
Palo Alto County									
3 W Emmetsburg	20	2201CST 2206CST			0	0	5K		Hail (1.00)
Audubon County									
Audubon	20	2204CST			0	0	2K		Thunderstorm Wind (G52)
Palo Alto County									
1 S Emmetsburg	20	2204CST			0	0	5K		Hail (1.00)
Audubon County									
Audubon Arpt	20	2205CST			0	0	1K		Thunderstorm Wind (G51) ^M
Carroll County									
Templeton	20	2210CST			0	0	30K		Thunderstorm Wind (G68) ^M
Emmet County									
Wallingford	20	2212CST			0	0	3K		Hail (1.00)
Adair County									
6 N Fontanelle	20	2215CST			0	0	25K		Thunderstorm Wind (G61)
Cass County									
Atlantic Arpt	20	2215CST			0	0	2K		Thunderstorm Wind (G54) ^M
Crawford County									
Vail	20	2215CST			0	0	30K		Thunderstorm Wind (G65)
Carroll County									
Carroll	20	2219CST			0	0	35K		Thunderstorm Wind (G70) ^M
Greene County									
Jefferson	20	2223CST			0	0	1K		Thunderstorm Wind (G50)
Adair County									
Adair	20	2224CST			0	0	3K		Thunderstorm Wind (G59) ^M
Carroll County									
Carroll Neu Arpt	20	2225CST			0	0	5K		Thunderstorm Wind (G56) ^M
Carroll County									
Breda	20	2226CST			0	0	5K		Thunderstorm Wind (G57) ^M
Greene County									
Jefferson	20	2230CST			0	0	10K		Thunderstorm Wind (G56)
Kossuth County									
Burt	20	2236CST			0	0	2K		Hail (0.88)
Emmet County									
2 W Ringsted	20	2239CST			0	0	10K		Hail (1.75)
Greene County									
3 N Scranton	20	2240CST			0	0	50K		Thunderstorm Wind (G70) ^M
Guthrie County									
Adair	20	2244CST			0	0	5K		Thunderstorm Wind (G57) ^M
Dallas County									
Adel	20	2253CST			0	0	2K		Thunderstorm Wind (G52)
Hancock County									
Crystal Lake	20	2255CST			0	0	3K		Hail (1.00)
Webster County									
Gowrie	20	2255CST			0	0	5K		Thunderstorm Wind (G61)
Hamilton County									
Stratford	20	2301CST			0	0	40K		Thunderstorm Wind (G70)
Boone County									
Fraser	20	2305CST			0	0	10K		Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Central									
Boone County									
Fraser	20	2305CST			0	0	2K		Thunderstorm Wind (G50)
Boone County									
3 E Boone	20	2312CST			0	0	3K		Thunderstorm Wind (G53) ^M
Hamilton County									
Jewell	20	2314CST			0	0	3K		Hail (0.88)
Boone County									
Boone	20	2315CST			0	0	10K		Thunderstorm Wind (G53) ^M
Winnebago County									
4 W Forest City	20	2315CST			0	0	5K		Hail (1.00)
Winnebago County									
2 W Forest City	20	2315CST			0	0	5K		Hail (1.00)
Story County									
Ames	20	2316CST			0	0	15K		Thunderstorm Wind (G61)
Story County									
Ames Arpt	20	2316CST			0	0	1K		Thunderstorm Wind (G51) ^M
Boone County									
Sheldahl	20	2317CST			0	0	3K		Thunderstorm Wind (G52)
Hancock County									
5 NE Corwith	20	2318CST			0	0	40K		Thunderstorm Wind (G70)
Story County									
1 W Ames	20	2318CST			0	0	5K		Thunderstorm Wind (G52)
Story County									
1 N Story City	20	2318CST			0	0	10K		Thunderstorm Wind (G61)
Hancock County									
2 SE Corwith	20	2322CST			0	0	20K		Thunderstorm Wind (G56)
Story County									
1 W Ames	20	2322CST			0	0	3K		Thunderstorm Wind (G52)
Hamilton County									
4 S Stanhope to 4 W Stanhope	20	2330CST			0	0	30K		Thunderstorm Wind (G65)
Winnebago County									
Lake Mills	20	2330CST			0	0	100K		Thunderstorm Wind (G70)
Franklin County									
Latimer	20	2343CST			0	0	3K		Thunderstorm Wind (G52)
Hardin County									
3 W Iowa Falls	20	2343CST			0	0	100K		Thunderstorm Wind (G75)
Microburst wind event.									
Hardin County									
Alden	20	2346CST 2347CST	0.6	50	0	0	500K		Tornado (F1)
Short touchdown within the town of Alden.									
Grundy County									
2 NW Wellsburg	21	0010CST			0	0	3K		Thunderstorm Wind (G52)

A complex and active weather pattern was in place over the upper Midwest. A warm front lifted north across the state during the previous day, allowing a strong surge of moisture to flow north from the Gulf of Mexico. Temperatures rose into the 70s to low 80s as surface dew point temperatures rose into the upper 50s and 60s across the state. By the early evening hours, a frontal boundary extended from near Sioux City east-northeast into the northeast corner of the state. Thunderstorms fired along this front and became severe during the evening. These storms produced very heavy rain with numerous reports of hail. For the most part, the hail was around an inch in diameter with the storms. There were a few reports of hail up to the size of golf balls however. Reports of golf ball size hail were received from the Ringsted area of Emmet County, and also from the Fraser area of Boone County. Two things were taking place during the evening. While the thunderstorms were firing along the warm front over northern Iowa, a strong low pressure system was racing out of Colorado. CAPE values across northeast Kansas into Iowa were in the 2000 to 3000 J/Kg range as a dry line extending south from the low approached the area. Strong thunderstorms developed over northeast Colorado and raced east across Nebraska and Kansas. The thunderstorms took on a bow echo configuration as they headed across the Plains at more than 60 MPH. High winds raked Nebraska and Kansas before moving into Iowa. There were numerous reports of winds of 60 to 80 MPH as the line advanced across the west half of Iowa with numerous reports of trees and power lines downed. As the storms moved through Carroll County, several outbuildings were destroyed in the Templeton area. Machine sheds were totally destroyed in Adair

Storm Data and Unusual Weather Phenomena

April 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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IOWA, Central

County by the high winds. Further northwest, in Greene County, a barn was flattened north of Scranton. Damage continued as the storms continued east with reports of outbuildings damaged or destroyed toward Hamilton County. One of the most damaging events of the night took place late in the storm cycle. The storms turned into wind producers. High winds hit the Lake Mills area in Winnebago County for example. A barn and several sheds were destroyed by the winds around 80 MPH. As the storms moved into Hardin County, a microburst occurred west of the Iowa Falls area with winds estimated around 85 MPH. A tornado touched down briefly in the community of Alden, causing considerable damage in the town. The tornado touched down in two locations of the town, damaging several buildings four blocks apart. Concrete blocks were picked up and thrown 50 to 75 yards and roofs of the affected buildings were strewn one quarter to three eighths of a mile downstream. One business was damaged with estimated damage around \$180,000. On a farm at the edge of town damage was estimated at \$100,000. Numerous trees were downed on Highways 491 and D15, blocking travel in the area. Shortly after this event occurred, the storms weakened and continued moving northeast.

IAZ028-039

Bremer - Black Hawk

23	0700CST	0730CST			0	0	200K		High Wind (G61)
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Black Hawk County

2 W Gilbertville

23	0715CST	0.3	30	0	0	40K		Tornado (F0)
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Brief touchdown with minor damage to buildings.

An intense low pressure system lifted northeast out of the Rockies, across northwest Iowa and on into the upper Great Lakes during the afternoon of the 22nd into the 23rd. The dry slot lifted north ahead of the low and passed over Iowa during the early morning hours of the 23rd. Within the dry slot winds of 70 to 85 MPH were common just a few thousand feet above the surface. Shortly after sunrise, a narrow band of showers formed over northeast Iowa. As the showers moved through northeast they produced very gusty winds. In Black Hawk and Bremer Counties, winds were in the 65 to 70 MPH range. Damage was reported around the two counties. Three miles northwest of Washburn in Black Hawk County a farm shed was completely destroyed. In Bremer County, a farm shed was destroyed by the winds near Tripoli and damage to power poles was reported in the Readlyn area. At the onset of the high winds a very narrow squall line developed. Actually, forming near the cold core of the upper low pressure area, convective tops were very low with little if any lightning associated with them. A tornado touched down briefly in Black Hawk County near Gilbertville. One house was damaged and power was cut to three others. The tornado lifted quickly and didn't touch down again until it was east of the Des Moines CWA.

IOWA, East Central and Southeast

Jefferson County

Pleasant Plain

05	0745CST				0	0		Hail (0.88)
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Nickel sized hail reported by law enforcement.

Des Moines County

Burlington

05	0940CST				0	0		Hail (1.00)
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Quarter sized hail reported by trained storm spotter.

Des Moines County

Burlington

05	0945CST				0	0	1K	Lightning
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Lightning struck a house, setting it on fire, and damaging appliances. There were no injuries.

Des Moines County

West Burlington

05	0947CST				0	1		Lightning
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One person suffered minor injuries after being struck by lightning in a department store parking lot.

Des Moines County

2 N Burlington to
5 N Burlington

05	0950CST				0	0		Urban/Sml Stream Fld
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Emergency management reported water over Highway 99, near the Bluffs.

Des Moines County

Burlington

05	1008CST				0	0		Hail (1.75)
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Golf ball sized hail reported by trained storm spotter.

Delaware County

4 NE Earlville

05	1320CST				0	0		Hail (0.88)
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Nickel sized hail reported by trained storm spotter.

Louisa County

Letts

05	2000CST				0	0	5K	Heavy Rain
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According to a newspaper report, city officials blamed heavy rain during the day for the collapse of the roof at the abandoned school building in Letts.

Event Summary for 4/5/01: (For additional details, see individual reports for the date)

An area of showers and thunderstorms overspread parts of far northeast Missouri, southeast Iowa, and west central Illinois during the morning hours. The primary threats from the storms were large hail and torrential rains, with amounts up to three inches. From the morning through the early afternoon, hail up to the size of golf balls was reported, along with urban street flooding, and flooding of county roads. One person suffered minor injuries after being struck by lightning, and lightning also struck a house, setting it on fire.

Storm Data and Unusual Weather Phenomena

April 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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IOWA, East Central and Southeast

A surface low and warm front lifted northeast through the region during the afternoon and evening, followed by a trailing cold front. This system produced hail below severe limits across the area from late afternoon through the evening hours.

IAZ051

Benton

07 0923CST

0 0

High Wind (G52)

Non-thunderstorm gradient wind gusts of 55 to 60 mph estimated throughout the county. Reported by a trained storm spotter.

IAZ042

Dubuque

07 1112CST

0 0

High Wind (G52)

Non-thunderstorm gradient wind gusts of 50 to 60 mph estimated in Peosta. Reported by a trained storm spotter.

IAZ068

Scott

07 1141CST

0 0

High Wind (G51) M

Non-thunderstorm gradient wind gust of 59 mph measured by NWS ASOS equipment at Davenport Airport.

IAZ066

Clinton

07 1355CST

0 0

High Wind (G51) M

Non-thunderstorm gradient wind gust of 59 mph measured by AWOS equipment at Clinton Municipal Airport.

Event summary for 4/7/01: (For additional details, see individual entries for the date)

A very strong low pressure center tracked N/NE from Nebraska through Minnesota. The tight pressure gradient produced by the surface low, along with daytime heating, created very strong winds across eastern Iowa and northwest Illinois through much of the day, beginning around 8 am and ending around sunset. A southwest wind was sustained at 30 to 35 mph, with gusts from 50 to 55 mph. There were a few isolated wind gusts of 58 to 60 mph across eastern Iowa (see individual reports above), but most of the area remained below High Wind Warning criteria, which is sustained speeds of at least 40 mph (34 knots) for an extended period of time, or a gust to at least 58 mph (50 knots). Wind damage and power outages were widespread throughout the area, as high winds blew trees down on power lines, or snapped the power poles themselves. According to newspaper accounts, an estimated 20-thousand people lost power across eastern Iowa and northwest Illinois. Numerous trees and power lines were downed, and shingles and siding were blown off buildings and homes. The high winds blew a power line down at a rural Johnson county home, which led to a fire that destroyed the structure. A downed power line also caused a fire that damaged a funeral home in Buchanan county. Law enforcement in eastern Iowa reported two accidents resulting from the high winds. There were no injuries.

Delaware County

Greeley

08 1939CST

0 0

Hail (1.00)

Quarter sized hail reported by trained storm spotter.

Delaware County

Colesburg

08 1949CST

0 0

Hail (1.00)

Quarter sized hail reported by trained storm spotter.

Benton County

6 NW Keystone

08 2028CST

0 0

Hail (1.00)

Quarter sized hail at the intersection of Highway 21 and county road E36. Reported by trained storm spotter.

Benton County

Garrison

08 2046CST

0 0

Hail (0.88)

Nickel sized hail reported by trained storm spotter.

Benton County

6 WNW Keystone

08 2050CST

0.1

10

0 0

0

Tornado (F0)

2051CST

Brief tornado touchdown on the Benton/Tama county line at Highway 21. No injuries or damage reported.

Buchanan County

2 NW Quasqueton

08 2156CST

0 0

Hail (0.75)

Penny sized hail on county highway W35. Reported by trained storm spotter.

Buchanan County

2 W Rowley

08 2242CST

0 0

Urban/Sml Stream Fld

Small stream flooding reported by Emergency Management.

Washington County

West Chester

09 0057CST

0 0

Hail (0.75)

Penny sized hail reported by trained storm spotter.

Muscatine County

3 S West Liberty

09 0130CST

0 0

10K

Thunderstorm Wind

Thunderstorm winds destroyed a large shed. Reported in local newspaper. Time is estimated.

Storm Data and Unusual Weather Phenomena

April 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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IOWA, East Central and Southeast

Summary for late 4/08/01 to early 4/09/01 event: (For additional details, see individual entries for the dates.)

A warm front pushed north through the day on 4/08/01, and extended across southern Iowa and northern Illinois during the evening hours. The boundary combined with a surface wave riding along the front, and an upper-level low, to produce a variety of severe weather during the evening hours of 4/08/01, continuing into the early morning of 4/09/01. Hail from 1/2 inch up to quarter sized was common across parts of northeast and east central Iowa. A brief tornado touchdown occurred in Benton county, and that was the only touchdown of the event. Thunderstorms winds destroyed a large shed in Muscatine county. Some of the thunderstorms produced torrential rain, and caused small streams to come out of their banks in Buchanan county. Thunderstorms continued tracking into northwest Illinois, but hail reports ranged from 1/4 to 1/2 inch, below severe limits.

Cedar County

Lime City

09	0740CST 0744CST				0	0	Hail (0.75)
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Penny sized hail reported by trained storm spotter.

Summary for 4/09/01 event: (For additional information, see individual report for the date.)

A stationary front lingered across southern Iowa and northern Illinois during the day. A surface low was located along the front in southeast Iowa. Following the early morning activity, thunderstorms reired across parts of east central Iowa after 7 AM CST. These storms produced locally heavy rain and hail ranging in size from 1/2 to 3/4 inch in Cedar and Scott counties. After a lull from mid-morning through the afternoon, thunderstorms redeveloped near the boundary in northwest Illinois from late afternoon through early evening, and produced hail up to golfball sized.

Keokuk County

3 SW Kinross to Kinross

11	1525CST 1530CST	3	50	0	0	90K	Tornado (F0)
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An F0 tornado tracked from southwest of Kinross into the community. The public also reported several funnel clouds near the tornado. The tornado damaged farm out buildings. In Kinross, several house were damaged significantly, and many others had roof and siding damage. A shed housing two cars was also destroyed. There was substantial damage to trees and an orchard in the town. There were no injuries.

Iowa County

3 ENE Parnell

11	1540CST 1541CST	0.1	10	0	0		Tornado (F0)
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A trained storm spotter reported a brief tornado touchdown along county road F52 between Parnell and Holbrook. Only minor damage to vegetation was observed. There were no injuries.

Washington County

3 WNW Kalona

11	1550CST 1553CST	0.1	10	0	0		Tornado (F0)
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A trained storm spotter reported a brief tornado touchdown near Kalona. There were no injuries or damage.

Johnson County

3 S Oxford to 1 SSE Oxford

11	1600CST 1605CST	2	50	0	0	25K	Tornado (F0)
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An F0 tornado moved across rural areas south of Oxford, and destroyed a barn and a garage at two farms. There were no injuries.

Johnson County

Tiffin

11	1602CST 1603CST	0.1	10	0	0		Tornado (F0)
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Law enforcement reported a brief tornado touchdown in Tiffin. No damage resulted from the F0 tornado, and there were no injuries.

Benton County

2 S Mt Auburn

11	1620CST 1621CST	0.1	10	0	0	18K	Tornado (F0)
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Law enforcement reported a brief tornado touchdown at a farm south of Mt. Auburn. The F0 tornado downed large pine and maple trees, and destroyed a barn. There were no injuries.

Johnson County

Swisher

11	1620CST 1621CST	0.1	10	0	0		Tornado (F0)
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An F0 tornado touched down briefly in Swisher. Emergency management reported no major damage, and there were no injuries.

Linn County

Cedar Rapids

11	1620CST 1621CST	0.1	10	0	0		Tornado (F0)
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Emergency management reported a brief tornado touchdown in southeast Cedar Rapids near Kirkwood Community College. There were no injuries and no damage reported. The F0 tornado was observed sucking water from roof tops near the FAA control tower at the Cedar Rapids Airport.

Summary of 4/11/01 event: (For additional details, see individual reports for the date.)

Strong surface low pressure lifted from western Kansas into Minnesota during the event. A trailing dryline also moved eastward

Storm Data and Unusual Weather Phenomena

April 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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IOWA, East Central and Southeast

across Iowa. Additionally, dewpoints in the mid 60s, and extreme wind shear made the environment ripe for rotating supercells. Tornado watches issued by the Storm Prediction Center highlighted the "particularly dangerous" nature of the situation. Numerous funnel clouds and tornados occurred during the event across eastern Iowa. Most of the tornadic activity involved brief touchdowns of F0 tornados. Houses, outbuildings, and trees sustained damage throughout the area, but there were no injuries reported during the event. There were also isolated reported of small pea size hail, and 50 to 55 mph winds in extreme northwest Illinois.

IAZ042-052-054-066>068-078-089-099 **Dubuque - Linn - Jackson - Clinton - Muscatine - Scott - Louisa - Des Moines - Lee**

14	0530CST				0	0			Snowmelt Flooding
30	2359CST								

Snowmelt flooding, starting in March, continued across eastern Iowa with the Wapsipinicon and Iowa rivers above flood stage at the start of the month. During the first week of April a strong storm system fanned warm temperatures northward accelerating the snowmelt across the upper Mississippi river basin. Another storm system mid month sent even warmer temperatures surging northward along with severe thunderstorms and heavy rain. The prolonged abnormally warm conditions resulted in rapid snow melt and produced near record flooding over counties bordering the Mississippi River. Additional heavy rain fell over the headwaters of the Mississippi during the third week of April. This added streamflow led to secondary crests over Minnesota, Northern Iowa, and Wisconsin, and helped to prolong the flooding, or broaden crests on the Mississippi from the Wisconsin/ Illinois border to counties north of St Louis Missouri. Strong winds accompanying the storms forced water over sandbag dykes and levees causing additional damage. Communities impacted by the flooding called upon the National Guard, prison inmates, and hundreds of volunteers to help with sandbagging efforts. By late month 10 Iowa counties had been declared disaster areas, with damages estimated over 4.7 million dollars. Other preliminary estimates showed 40 homes had been destroyed, 62 homes suffered major damage, 1,516 homes sustained some damage, and 129 businesses were closed due to flooding. Snowmelt flooding also impacted the Cedar River as water from Minnesota and the upper Cedar River basin moved downstream. Flooding continued along the Mississippi River from Dubuque IA to Keokuk IA into early May.

Clinton County
2 SE Lost Nation

15	1415CST	0.1	10		0	0			Tornado (F0)
	1416CST								

A trained storm spotter reported a brief tornado touchdown. There were no injuries and no damage reported.

Event summary for 4/15/01: High instability made atmospheric conditions ripe for small hail and funnel clouds from mid afternoon through early evening. Hail from 1/4 to 1/2 inch was common over eastern Iowa and northwest Illinois, and spotters also reported several funnels, only one that touched down as a brief tornado.

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

23	0000CST				0	0			Gradient Wind
	1900CST								

Summary for 4/23/01 gradient wind event:

A vigorous low pressure system in Wisconsin brought a trailing cold front through Iowa and Illinois. During the early morning, around 12 AM CST, law enforcement reported a semi-trailer truck blown over along Interstate 80 in Iowa County. A south wind gusted between 40 and 50 mph over a small part of east central Iowa during the early morning, including the Washington, Cedar Rapids, and Iowa City areas. The area of strong winds moved north of the area by 1 AM CST. Then from late morning through sunset, a southwest wind gusted over 40 mph across eastern Iowa. The highest measured speed was 48 mph at the Clinton Municipal Airport. No significant damage was reported.

Buchanan County
Independence to
3.5 NE Independence

23	0726CST	5	220		0	3	1M		Tornado (F1)
	0740CST								

Summary for Independence tornado event on 4/23/01:

The exit region of a vigorous mid-level jet streak helped create deep layer convergence in eastern Iowa along a surface cold front, during the morning of 4/23/01. The atmosphere was only marginally unstable, but shear values were very high. A study of the event at the NWS in the Quad Cities suggest that the tornado was non-descending in nature, with the rotation originating near the surface and building upward. Spotters reported no lightning or thunder with the tornado, which the local study suggests indicated rapid development during the initial stages of the storm. There was no evidence from radar data that a tornado occurred. The tornado touched down near the middle school in southwest Independence, and tracked through the west central and north central parts of the community, before lifting 3.5 miles northeast of Independence. The tornado path was continuous, 5 miles long and 1/8 mile wide. The tornado was rated F1 on the Fujita scale following a NWS Survey. Three people suffered minor injuries from flying debris, and were treated at the local hospital. Emergency management officials estimated the tornado caused a total of \$ 1 million in damage. A total of 31 homes were damaged, two severely. 20 businesses and 20 vehicles were also damaged.

Storm Data and Unusual Weather Phenomena

April 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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IOWA, Northeast

IAZ008-018

Mitchell - Floyd

05 1400CST

0

0

45K

Flood

14 1200CST

Heavy rains combined with snow melt runoff caused the Cedar River to flood. At Charles City (Floyd County), the river crested at 17.8 feet on April 8, with water levels remaining above the flood stage of 12 feet for nearly another week. Several roads near the river were closed and there was minor damage to some homes.

Mitchell County

2 W Osage

06 1940CST

0

0

1M

Thunderstorm Wind (G61)

Mitchell County

Osage

06 1940CST

0

0

50K

Thunderstorm Wind (G57)

Wind gusts estimated at 65 to 70 mph caused damage to several farms, knocking down sheds and outbuildings. Ten cattle were killed when a large shed collapsed on them. A 660 foot chicken house, containing 45,000 chickens, was completely destroyed, injuring and killing many of the animals.

IAZ008>011-

018>019-029>030

Mitchell - Howard - Winneshiek - Allamakee - Floyd - Chickasaw - Fayette - Clayton

**07 0800CST
2000CST**

0

0

16.1K

High Wind (G61) ^M

A strong pressure gradient associated with an intense low pressure system produced wind gusts of 60 to 70 mph across northeast Iowa. Law enforcement officials reported some trees and branches were knocked down, along with light structural damage to roofs and siding. The strong winds blew a semi-trailer off a highway near Floyd (Floyd County), but the driver was uninjured.

Howard County

Cresco

11 1600CST

0

0

0.50K

Thunderstorm Wind (G52)

Chickasaw County

New Hampton

11 1615CST

0

0

1K

Thunderstorm Wind (G52)

Howard County

Chester

11 1615CST

0

0

2.5K

Hail (1.00)

Mitchell County

St Ansgar

11 1624CST

0

0

Hail (0.75)

Fayette County

2.5 W West Union to

2.5 NW West Union

11 1650CST

2

75

0

1

40K

Tornado (F1)



Barns and outbuildings destroyed on a farm west of West Union from a tornado on April 11th.

Clayton County

Mc Gregor

11 1730CST

0

0

0.75K

Thunderstorm Wind (G52)

Allamakee County

Lansing

11 1745CST

0

0

Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2001

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

Allamakee County

Lansing

11	1745CST				0	0	0.80K		Thunderstorm Wind (G52)
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Law enforcement officials and storm spotters reported a tornado touched down just south of Highway 18, about 2.5 miles west of West Union (Fayette County). A farm was hit hard, with several barns, sheds and outbuildings damaged or destroyed. A 69 year old woman was trapped in one of the barns that collapsed and suffered injuries that put her in critical care. The tornado continued north-northeast toward the Douglas area, but lifted about 2.5 miles northwest of West Union. Elsewhere across northeast Iowa, hail the size of nickels and quarters was reported by spotters, while wind gusts estimated around 60 mph caused large branches to be blown down.

IAZ011-030

Allamakee - Clayton

13	0000CST				0	0	4.5M		Flood
30	2359CST								

The combination of snow melt runoff and heavy rains caused the Mississippi River to rise to levels second only to the all-time record flood of April 1965. At Lansing (Allamakee County), the river crested at 19.9 feet on April 21. Further downstream, McGregor and Guttenberg (Clayton County) crested at 23.8 feet on April 20 and 21.6 feet on April 22 respectively. Considerable damage was done to homes and businesses by the high water, especially in the small towns of Marquette and Guttenberg (Clayton County). Overall damage costs due to the high water were estimated between 4 and 5 million dollars. This resulted in Allamakee and Clayton County being eligible for federal disaster relief funds. Even though the river began falling during the latter part of the month, water levels remained above flood stage until early May.

IOWA, Northwest

IAZ003-014-022

Dickinson - Clay - Buena Vista

01	0000CST				0	0			Flood
30	2359CST								

Flooding along the Little Sioux and Ocheyedan Rivers occurred during most of April, due to snowmelt and heavy rains. The river crested at up to 3.4 feet above flood stage at Spencer on the 13th, with other crests along the river both early and late in the month.

IAZ001-012-020

Lyon - Sioux - Plymouth

01	0600CST				0	0			Flood
30	2359CST								

Snowmelt and heavy rain combined to produce flooding along the Big Sioux River in early April. The flooding continued late in the month due to additional heavy rains. The flooding reached a record crest of 23.3 feet at Akron on the 26th. Dikes and sandbagging helped the city of Akron avoid major damage, although several nearby roads were flooded. Highway 403 north of Akron was flooded after a dike broke, and several other roads near the river were flooded. Several bridges across the river from Iowa to South Dakota were closed at the height of the flooding. Farmland along the river was flooded.

Woodbury County

Sioux City Arprt to (Sux)Sioux City Arprt

07	0110CST				0	0			Thunderstorm Wind (G50)^M
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Woodbury County

Sioux City

07	0113CST 0125CST				0	0	50K		Thunderstorm Wind (G52)
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Thunderstorm winds caused roof damage at numerous businesses and homes. Sign and tree damage was also reported.

Plymouth County

Le Mars Muni Arprt

07	0130CST				0	0			Thunderstorm Wind (G52)^M
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Sioux County

Orange City Arprt

07	0132CST				0	0			Thunderstorm Wind (G52)^M
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Thunderstorm winds caused damage to trees and power lines. The amount of damage was not known.

Lyon County

Larchwood

07	0145CST 0157CST				0	0	30K		Thunderstorm Wind (G61)
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Thunderstorm winds blew the roof off of a home and damaged the roofs of several other homes.

Lyon County

5 S Little Rock

07	0215CST				0	0			Thunderstorm Wind (G52)
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Osceola County

3 NW Sibley

07	0225CST				0	0	1K		Thunderstorm Wind (G52)
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Thunderstorm winds broke basement windows.

O'Brien County

5 NE Sheldon

07	0225CST				0	0	5K		Thunderstorm Wind (G52)
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Thunderstorm winds blew the roof off a farm house, broke power poles, and caused tree damage.

Storm Data and Unusual Weather Phenomena

April 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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IOWA, Northwest

IAZ002>003-013>014-020>022-031>032 Osceola - Dickinson - O'Brien - Clay - Plymouth - Cherokee - Buena Vista - Woodbury - Ida

07	0330CST 1000CST				0 0	1.3M	High Wind (G66) ^M
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High winds caused widespread tree, sign, and roof damage. Other damage to structures, such as siding and windows, also occurred. The Spencer Livestock Sales facility was heavily damaged with fences blown down and the wall of one building blown down, although there were no reports of livestock lost.

O'Brien County

3 W Paullina	10	1649CST			0 0		Hail (0.75)
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Sioux County

Orange City	10	1658CST			0 0		Hail (0.75)
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Sioux County

Boyden	10	1715CST			0 0		Hail (0.75)
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Ida County

8 W Holstein	11	1340CST			0 0		Hail (0.75)
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Cherokee County

Washta	11	1345CST			0 0		Hail (0.75)
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Cherokee County

5 S Cleghorn	11	1405CST			0 0		Thunderstorm Wind (G52)
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O'Brien County

Sheldon	11	1445CST			0 0	10K	Thunderstorm Wind (G52)
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Thunderstorm winds damaged farm buildings and also damaged roofs on other buildings.

Sioux County

Sheldon	13	1710CST			0 0		Hail (1.00)
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Plymouth County

Akron	20	1854CST			0 0		Hail (1.00)
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Clay County

Everly	20	2005CST			0 0		Hail (1.75)
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Sioux County

5 N Orange City	20	2015CST			0 0		Hail (0.75)
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Sioux County

2 SW Orange City	20	2015CST			0 0		Hail (1.50)
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Sioux County

5 N Orange City	20	2030CST			0 0		Hail (0.75)
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Sioux County

2 E Boyden	20	2035CST			0 0		Hail (0.75)
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Sioux County

2 N Newkirk	20	2102CST			0 0		Hail (0.88)
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Sioux County

5 S Hawarden	20	2115CST			0 0		Hail (0.75)
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Dickinson County

6 W Milford	20	2025CST			0 0		Hail (0.75)
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Lyon County

9 S Little Rock	20	2047CST			0 0		Hail (0.75)
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Plymouth County

3 NE Akron	20	2053CST			0 0		Hail (0.75)
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Osceola County

2 W Sibley	20	2100CST			0 0		Hail (0.75)
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Osceola County

May City	20	2122CST			0 0		Hail (0.88)
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Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Northwest</u>									
Buena Vista County									
Newell	20	2105CST			0	0			Hail (1.25)
Buena Vista County									
3 N Newell	20	2105CST			0	0			Hail (1.00)
Woodbury County									
Pierson	20	2135CST			0	0			Hail (0.75)
Woodbury County									
Sioux City	20	2150CST			0	0			Hail (0.75)
O'Brien County									
Sanborn	20	2143CST			0	0			Hail (0.88)
Dickinson County									
9 W Spirit Lake	20	2144CST			0	0			Hail (0.75)
Dickinson County									
Spirit Lake	20	2209CST			0	0			Thunderstorm Wind (G52)
Clay County									
Royal to 1 N Royal	20	2150CST			0	0			Hail (1.00)
Woodbury County									
Sioux City	20 21	2204CST 0000CST			0	0			Flood
									Heavy rain caused urban and basement flooding in and near Sioux City. Numerous cars were stranded in the high water. Damage estimates were not available.
Clay County									
Spencer to Royal	20 21	2240CST 0045CST			0	0			Flood
									Heavy rain caused urban flooding with numerous streets flooded in Spencer and Royal. The fire department in Royal advised no travel in town.
IAZ022									
Buena Vista									
	20	2244CST			0	0			High Wind (G57) ^M
									A measured wind gust of 65 mph was not associated with a thunderstorm.
O'Brien County									
Hartley	30	1613CST			0	0			Hail (1.75)
Plymouth County									
Akron	30	1620CST			0	0			Hail (0.88)
O'Brien County									
4 S Sheldon to 4 SE Sheldon	30	1630CST 1640CST	3	100	0	0			Tornado (F0)
O'Brien County									
5 S Sheldon to 5 SE Sheldon	30	1635CST 1655CST	3	100	0	0			Tornado (F0)
									Two tornadoes from the same thunderstorm caused no reported damage. Pictures of the tornadoes were taken by a National Weather Service trained spotter.
Woodbury County									
Sioux City	30	1635CST			0	0			Hail (0.75)
Woodbury County									
Sioux City	30	1640CST			0	0			Hail (1.25)
Dickinson County									
Arnolds Park	30	1652CST			0	0			Hail (1.00)
O'Brien County									
1 W Sanborn	30	1653CST			0	0			Hail (0.75)
O'Brien County									
Sanborn	30	1658CST			0	0			Hail (0.75)
O'Brien County									
Sheldon	30	1708CST			0	0			Hail (0.75)
O'Brien County									
Sheldon	30	1710CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Northwest</u>									
O'Brien County									
5 S Sheldon	30	1712CST			0	0			Hail (0.75)
Woodbury County									
Sergeant Bluff	30	1804CST			0	0			Hail (0.75)
Sioux County									
Rock Vly to 1 NE Rock Vly	30	1812CST 1829CST			0	0			Hail (1.00)
			Large hail covered the ground.						
Lyon County									
3 E George	30	1820CST			0	0			Hail (1.00)
Woodbury County									
Sergeant Bluff	30	1830CST			0	0			Hail (0.75)
Osceola County									
5 W Sibley	30	1830CST			0	0			Hail (1.00)
Lyon County									
3 NE Doon	30	1835CST			0	0			Hail (0.88)
Woodbury County									
1 W Salix	30	1855CST			0	0			Hail (2.50)
			Large hail caused damage to vehicles and other property, but the amount of damage was not known.						
Woodbury County									
3 E Sloan to 1 W Hornick	30	1859CST 1910CST	3	100	0	0			Tornado (F0)
			A tornado was observed by National Weather Service trained spotters and law enforcement officials. The tornado caused no reported damage.						
<u>IOWA, Southwest</u>									
Mills County									
Pacific Jct to Pacific City	05	1050CST 1058CST			0	0			Hail (0.75)
Mills County									
Glenwood	05	1100CST 1103CST			0	0			Hail (0.75)
			Hail covered the ground.						
Montgomery County									
Red Oak	05	1207CST			0	0			Hail (0.75)
IAZ043-055>056-069- 079>080-090>091									
	06 07	2300CST 1700CST			0	0			High Wind (G50)
			See the narrative for eastern Nebraska for the same time period.						
Pottawattamie County									
Council Bluffs	10	1100CST 1107CST			0	0			Hail (2.75)
			See the narrative for Douglas county, Nebraska, for the event that began at 1040 CST.						
Pottawattamie County									
Council Bluffs	10	1100CST			1	1	20K		Thunderstorm Wind (G50)
			Two men working alone atop a new meatpacking building were blown off the 40-foot-high roof by the thunderstorm that rolled through the area and produced the widespread hail reports. The winds were measured at 35 to 40 mph at the Council Bluffs airport and at Omaha Eppley Airfield, but could have been locally stronger. One of the men died later that day as a result of the fall. The sudden wind gust blew a section of roof and the men off the building. M36OT						
Pottawattamie County									
12 E Oakland	10	1515CST			0	0			Hail (1.75)
Pottawattamie County									
10 SE Oakland	10	1515CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
IOWA, Southwest								
Page County								
Shenandoah	11	0250CST			0	0	30K	Thunderstorm Wind (G60)
	Thunderstorm winds estimated at 60 to 80 mph peeled the roof off the new country club in town.							
Mills County								
3 SW Emerson to 3 WSW Emerson	11	1137CST 1140CST	2	40	0	0	20K	Tornado (F0)
	A small line of mini-supercell thunderstorms moved across extreme eastern Nebraska and southwest Iowa this day. Some of these cells produced short-lived and relatively small tornadoes that would briefly touch down, lift and then produce another tornado within a half hour or so. This tornado produced damage to 2 farmsteads, damaging a pole shed, trailers, a machine shed as well as downing a few trees and power lines. This particular mini-supercell also produced the tornado that touched down northwest of Carson and then eventually northwest of Tennant, Iowa.							
Mills County								
Glenwood	11	1140CST			0	0	10K	Thunderstorm Wind (G60)
	Possible damage from a thunderstorm rear flank downdraft from a mini-supercell which eventually spawned tornado touchdowns near Mineola, Treynor and then Crescent, Iowa. This downburst damaged a roof and trees in Glenwood.							
Mills County								
2 WSW Mineola to 2 WNW Mineola	11	1145CST 1147CST	2	40	0	0	50K	Tornado (F1)
	From the mini-supercell which produced wind damage in Glenwood, this storm produced a tornado that did damage to 2 farms near Mineola. A barn and home sustained roof damage, hog sheds were destroyed and trees and power lines were downed.							
Pottawattamie County								
3 NW Carson	11	1155CST	0.5	40	0	0	110K	Tornado (F1)
	This tornado was caught on film by a storm chaser. Two large barns and an outbuilding were destroyed, and a roof was taken off of a house. From the same mini-supercell that first produced a tornado near Emerson, Iowa.							
Pottawattamie County								
5 WSW Treynor to 5 W Treynor	11	1155CST 1157CST	2	30	0	0		Tornado (F0)
	This tornado was caught on film by a storm chaser as it touched down in open country west of Treynor, Iowa. From the same mini-supercell which produced the tornado near Mineola, Iowa.							
Pottawattamie County								
5 E Crescent	11	1200CST	0.2	30	0	0		Tornado (F0)
	A brief tornado touchdown in open country reported by a storm chaser. From the same mini-supercell which produced the earlier touchdowns near Treynor and Mineola.							
Shelby County								
2 NW Tennant	11	1230CST	0.2	30	0	0	5K	Tornado (F0)
	This tornado briefly touched down knocking down power lines which ignited a few trees. From the same mini-supercell that produced the 2 tornadoes that touched down near Emerson and Carson, Iowa.							
Harrison County								
4 NE Little Sioux	11	1230CST			0	0	1K	Thunderstorm Wind (G60)
	Thunderstorm wind gust over 60 mph blew the windows out of some outbuildings north of Little Sioux, Iowa. From the same mini-supercell which produced the tornadoes near Crescent, Treynor and Mineola, Iowa. Reported by a cooperative observer.							
Mills County								
Pacific Jct	20	2110CST			0	0		Thunderstorm Wind (G50)
	Thunderstorm wind gust estimated at 60 mph by trained storm spotter.							
Shelby County								
7 SE Shelby	20	2150CST			0	0		Thunderstorm Wind (G70)
	An uncalibrated anemometer off of a home weather station measured a thunderstorm wind gust of 105 mph. The wind speed was estimated here to be in the range of other wind gusts recorded with this event across east central Nebraska and Western Iowa from more potentially accurate sources.							
Montgomery County								
2 SE Elliott	20	2156CST			0	0		Thunderstorm Wind (G60)
	A law enforcement official estimated thunderstorm winds of around 70 mph.							
Harrison County								
Little Sioux	22	2025CST			0	0		Thunderstorm Wind (G50)
	A thunderstorm wind gust, estimated at between 55 and 60 mph by a cooperative observer, damaged large tree branches and caused minor roof damage near Little Sioux.							

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>IOWA, Southwest</u>									
Monona County									
Whiting	22	2030CST			0	0	5K		Thunderstorm Wind (G55)
A thunderstorm wind gust estimated by the public at over 60 mph destroyed a barn near Whiting.									
Monona County									
Whiting	30	1914CST			0	0			Hail (1.75)
<u>KANSAS, East</u>									
Republic County									
Belleville	03	0403CST			0	0			Hail (0.75)
Republic County									
Belleville	03	0417CST			0	0			Hail (0.88)
Republic County									
Agenda	03	0448CST			0	0			Hail (0.75)
Republic County									
Agenda	03	0450CST			0	0			Hail (0.75)
Jackson County									
Denison	03	0639CST			0	0			Hail (1.25)
Jackson County									
Denison	03	0645CST			0	0			Hail (1.75)
Jefferson County									
5 W Valley Falls	03	0651CST			0	0			Hail (1.75)
Jackson County									
6 ESE Hoyt	03	0705CST			0	0			Hail (0.75)
Jefferson County									
Mc Louth	03	0705CST			0	0			Hail (1.00)
Jefferson County									
2 SW Oskaloosa	03	0719CST			0	0			Hail (0.75)
Jefferson County									
2 S Valley Falls	03	0725CST			0	0			Hail (0.88)
Pottawatomie County									
St Marys	03	0728CST			0	0			Hail (1.00)
Pottawatomie County									
St Marys	03	0729CST			0	0			Hail (1.25)
Pottawatomie County									
St Marys	03	0730CST			0	0			Hail (1.00)
Pottawatomie County									
1 N St Marys	03	0731CST			0	0			Hail (1.00)
Pottawatomie County									
4 N St Marys	03	0731CST			0	0			Hail (1.25)
Pottawatomie County									
St Marys	03	0752CST			0	0			Hail (1.25)
Shawnee County									
2 E Silver Lake	03	0803CST			0	0			Hail (0.88)
Thunderstorms developed over north central Kansas in the morning of the 3rd and moved southeast with numerous reports of large hail.									
Washington County									
4 SE Linn	05	0920CST			0	0			Hail (1.00)
Washington County									
Kimeo	05	0932CST			0	0			Hail (1.50)
Marshall County									
Waterville	05	0940CST			0	0			Hail (0.88)
Marshall County									
1 NW Marysville	05	1010CST			0	0			Hail (0.75)
Ottawa County									
3 SW Tescott	06	2057CST			0	0			Thunderstorm Wind (G61)
Cloud County									
4 ESE Glasco	06	2105CST			0	0			Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, East</u>									
Ottawa County									
Tescott	06	2110CST			0	0			Thunderstorm Wind (G55)
Cloud County									
5 SSE Concordia	06	2115CST			0	0			Thunderstorm Wind (G52)
Cloud County									
4 SE Concordia	06	2123CST			0	0			Thunderstorm Wind (G61)
Cloud County									
5 ENE Glasco	06	2126CST			0	0			Thunderstorm Wind (G61)
Ottawa County									
Lamar	06	2134CST			0	0			Thunderstorm Wind (G52)
Republic County									
2 E Agenda	06	2135CST			0	0			Thunderstorm Wind (G61)
Washington County									
11 W Palmer	06	2135CST			0	0			Thunderstorm Wind (G61)
Washington County									
8 SW Morrowville	06	2140CST			0	0			Thunderstorm Wind (G70)
Clay County									
2 SW Clifton	06	2150CST			0	0			Thunderstorm Wind (G52)
Dickinson County									
2 NE Solomon	06	2150CST			0	0			Thunderstorm Wind (G52)
Dickinson County									
Pearl	06	2158CST			0	0			Thunderstorm Wind (G57)
Thunderstorms developed over north central Kansas the evening of the 6th and produced numerous reports of strong winds.									
KSZ021-026-026-035-040									
	06	2210CST			0	0			High Wind (G55)
	07	0120CST							
High winds, not associated with thunderstorms, developed over north central and northeast Kansas late in the evening of the 6th through the early morning of the 7th. The stronger winds occurred in the Clay Center, Pearl, Lawrence, Mc Clouth and Oskaloosa areas where speeds over 60 mph were indicated.									
Lyon County									
6 NE Admire	10	1015CST			0	0			Hail (1.00)
Lyon County									
5 W Admire	10	1015CST			0	0			Hail (1.00)
Lyon County									
5 NE Admire	10	1015CST			0	0			Hail (1.00)
Lyon County									
6 N Admire	10	1025CST			0	0			Hail (1.50)
Osage County									
5 NE Osage City	10	1048CST			0	0			Hail (1.50)
Osage County									
Pomona Res	10	1050CST			0	0			Hail (1.00)
Shawnee County									
Silver Lake	10	1058CST			0	0			Hail (1.50)
Osage County									
1 SW Overbrook	10	1103CST			0	0			Hail (0.75)
Douglas County									
Globe	10	1110CST			0	0			Hail (1.75)
Douglas County									
Baldwin	10	1130CST			0	0			Hail (0.75)
Lyon County									
Emporia	10	1136CST			0	0			Hail (0.75)
Douglas County									
3 SW Lone Star	10	1140CST			0	0			Thunderstorm Wind (G52)
Douglas County									
Lawrence	10	1150CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, East</u>									
Lyon County									
6 N Emporia	10	1150CST			0	0			Hail (0.75)
Douglas County									
6 NNE Globe	10	1151CST			0	0			Thunderstorm Wind (G52)
Douglas County									
Lawrence	10	1157CST			0	0			Hail (0.88)
Douglas County									
1 N Lawrence	10	1200CST			0	0			Hail (1.00)
Douglas County									
Lawrence	10	1200CST			0	0	7.5K		Lightning
Lightning struck a house doing significant damage.									
Douglas County									
6 WNW Eudora	10	1212CST			0	0			Hail (1.00)
Douglas County									
2 E Lawrence	10	1213CST			0	0			Hail (1.00)
Douglas County									
1 E Lawrence	10	1215CST			0	0			Hail (1.00)
Douglas County									
4 W Lecompton	10	1226CST			0	0			Hail (0.88)
Jefferson County									
4 W Perry	10	1228CST			0	0			Hail (1.25)
Washington County									
3 W Washington	10	1310CST			0	0			Thunderstorm Wind (G60)
Washington County									
3 W Morrowville	10	1315CST			0	0			Thunderstorm Wind (G55)
Washington County									
3 N Washington	10	1340CST			0	0			Thunderstorm Wind (G55)
Riley County									
1 N Tuttle Creek Res	10	1440CST			0	0			Thunderstorm Wind (G55)
Franklin County									
Le Loup	10	1456CST			0	0			Hail (1.75)
Franklin County									
Wellsville	10	1457CST			0	0			Hail (1.75)
Douglas County									
Baldwin	10	1500CST			0	0			Hail (0.88)
Riley County									
6 NNW Manhattan	10	1500CST			0	0	10K		Thunderstorm Wind (G60)
Thunderstorm winds overturned boat docks at Tuttle Creek reservoir totally destroying them. Six boats were also damaged.									
Douglas County									
5 E Baldwin	10	1501CST			0	0			Hail (0.75)
Osage County									
Overbrook	10	1620CST			0	0			Thunderstorm Wind (G52)
Strong thunderstorms developed over eastern Kansas the morning of the 10th and continued well into the afternoon. Many became severe and produced numerous reports of large hail and damaging winds.									
Republic County									
1 SW Courtland to 2 NE Republic	11	0016CST 0045CST	14	75	0	0	60K		Tornado (F1)
A tornado moved from east central Jewell County into Republic County and struck the town of Courtland before dissipating near the town of Republic. Considerable damage occurred to power lines and farm outbuildings along the path of the tornado. Considerable damage occurred to several buildings in the town of Courtland as well.									
Republic County									
Scandia	11	0028CST			0	0			Thunderstorm Wind (G56)
Republic County									
3 ENE Belleville	11	0039CST			0	0			Thunderstorm Wind (G52)
Cloud County									
4 NE Concordia	11	0030CST			0	0	6K		Thunderstorm Wind (G65)
Thunderstorm winds damaged outbuildings on a farm.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, East</u>									
Republic County 5 S Belleville to 4 N Cuba	11	0030CST 0040CST	10	75	0	0	20K		Tornado (F1)
A tornado touched down south of Belleville and moved northeast doing intermittent damage along a 10 mile path before dissipating.									
Cloud County 3 S Concordia	11	0035CST			0	0			Thunderstorm Wind (G52) ^M
Republic County 3 ENE Belleville	11	0039CST			0	0			Thunderstorm Wind (G54)
Republic County Agenda	11	0040CST			0	0	5K		Thunderstorm Wind (G65)
Thunderstorm winds blew down power lines.									
Washington County Haddam	11	0047CST			0	0	5K		Thunderstorm Wind (G65)
Strong thunderstorm winds damaged a house.									
Washington County 4 NNW Haddam to 9 NE Haddam	11	0055CST 0105CST	6	75	0	0	5K		Tornado (F0)
A tornado touched down over open country and damaged trees and some outbuildings before dissipating near the Nebraska border.									
Washington County 6 E Mahaska	11	0100CST			0	0	6K		Thunderstorm Wind (G65)
Thunderstorm winds damaged 2 buildings.									
Washington County 3 W Washington to 2 N Washington	11	0105CST 0115CST	4	100	0	0	9K		Tornado (F1)
A tornado touched down near Washington and moved northeast . The tornado damaged outbuildings, an antenna, and power poles before dissipating 2 miles north of Washington.									
Washington County Washington	11	0115CST			0	0			Thunderstorm Wind (G65)
Washington County 3 N Washington	11	0115CST			0	0	2K		Thunderstorm Wind (G70)
Strong thunderstorm winds blew windows out of a house.									
Washington County 8 E Hollenburg	11	0115CST			0	0	5K		Thunderstorm Wind (G70)
Thunderstorm winds blew the roof off a barn.									
KSZ054>056-058 Lyon - Osage - Franklin - Coffey	11	0330CST 0430CST			0	0	30K		High Wind (G80)
Winds not related to thunderstorms reached speeds over 90 mph for a time and did considerable damage to buildings and power lines in the affected counties.									
KSZ008>012-020>024-026-034>040-054>056-058>059 Republic - Washington - Marshall - Nemaha - Brown - Cloud - Clay - Riley - Pottawatomie - Jackson - Jefferson - Ottawa - Dickinson - Geary - Morris - Wabaunsee - Shawnee - Douglas - Lyon - Osage - Franklin - Coffey - Anderson	11 12	1200CST 0200CST			0	0	4M		High Wind (G74)
Strong winds associated with an intense low pressure system reached speeds over 80 mph at times and did extensive damage over the area that was estimated in the millions of dollars. Most of the damage occurred to homes, power lines and businesses. Near Ottawa the winds blew the roofs off of 2 barns and destroyed several farm sheds. Also near Ottawa a barn was blown onto highway 68 as winds of 85 mph were recorded at the Ottawa airport. Traffic lights were blown down in Topeka. Windows were blown out of many homes across the area. Large trees were severely damaged and vehicles were overturned on area roads. Three semi tractor trailers were overturned on Interstate 70 between Topeka and Maple Hill. A semi was overturned on Interstate 70 13 miles east of Junction City along with several other vehicles. Power outages occurred from downed power lines. It was the worst windstorm over a widespread area in many years.									
Dickinson County 2 SW Upland	14	1328CST			0	0			Hail (1.00)
Geary County 2 S Milford	14	1329CST			0	0			Hail (0.75)
Ottawa County 1 NE Bennington	14	1408CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, East</u>									
Riley County									
Manhattan	14	1408CST			0	0			Hail (1.00)
Riley County									
Manhattan	14	1410CST			0	0			Hail (1.75)
Pottawatomie County									
3 N Louisville	14	1444CST			0	0			Hail (0.75)
Dickinson County									
7 N Carlton	14	1513CST			0	0			Hail (0.88)
Cloud County									
5 N Glasco	14	1515CST			0	0			Hail (0.75)
Cloud County									
Concordia	14	1527CST			0	0			Hail (0.75)
Dickinson County									
1 SW Navarre	14	1528CST			0	0			Hail (0.88)
Republic County									
2 N Talmo	14	1535CST			0	0			Hail (0.75)
Dickinson County									
Woodbine	14	1545CST			0	0			Hail (1.00)
Morris County									
White City	14	1555CST			0	0			Hail (0.88)
Republic County									
3 S Narka	14	1555CST			0	0			Hail (1.75)
Republic County									
7 SE Belleville	14	1557CST			0	0			Hail (1.00)
Washington County									
Mahaska	14	1600CST			0	0			Hail (0.88)
Geary County									
5 S Junction City	14	1602CST			0	0			Hail (0.88)
Morris County									
Parkerville	14	1607CST			0	0			Hail (1.00)
Morris County									
Dwight	14	1613CST			0	0			Hail (1.75)
Washington County									
2 NW Haddam	14	1614CST			0	0			Hail (0.88)
Wabaunsee County									
Maple Hill	14	1625CST			0	0			Hail (0.75)
Wabaunsee County									
4 N Maple Hill	14	1625CST			0	0			Hail (0.75)
Wabaunsee County									
Alta Vista	14	1626CST			0	0			Hail (0.88)
Shawnee County									
Rossville	14	1640CST			0	0			Hail (0.75)
Wabaunsee County									
Paxico	14	1645CST			0	0	5K		Thunderstorm Wind (G70)
Strong thunderstorm winds blew the roof off a junior high school.									
Dickinson County									
1 N Abilene	14	1645CST			0	0	4K		Lightning
Lightning struck a vehicle on Interstate 70 just north of Abilene. The motorist was traveling west on the interstate when the incident occurred. The vehicle was totaled but the lone occupant who was the driver was uninjured.									
Shawnee County									
3 N Topeka	14	1650CST			0	0			Hail (0.88)
Wabaunsee County									
3 W Eskridge	14	1655CST			0	0			Hail (1.00)
Wabaunsee County									
10 N Eskridge	14	1656CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, East</u>									
Shawnee County									
3 SW Topeka	14	1700CST			0	0			Hail (0.75)
Wabaunsee County									
2 W Harveyville	14	1702CST			0	0			Hail (1.00)
Wabaunsee County									
Harveyville	14	1707CST			0	0			Hail (1.75)
Osage County									
6 N Burlingame	14	1715CST			0	0			Hail (1.00)
Wabaunsee County									
Paxico	14	1715CST			0	0			Thunderstorm Wind (G70)
Osage County									
6 N Burlingame	14	1722CST			0	0			Hail (1.75)
Wabaunsee County									
Alma	14	1729CST			0	0			Hail (0.75)
Osage County									
Scranton	14	1729CST			0	0			Hail (1.75)
Wabaunsee County									
4 S Alma	14	1730CST			0	0			Hail (0.75)
Douglas County									
Lawrence	14	1734CST			0	0			Hail (0.75)
Jefferson County									
Perry	14	1734CST			0	0			Hail (1.00)
Osage County									
2 E Scranton	14	1734CST			0	0			Hail (4.50)
Softball size hail fell near Scranton.									
Douglas County									
Lawrence	14	1736CST			0	0	7K		Thunderstorm Wind (G52) ^M
Strong thunderstorm winds damaged 6 mobile homes and blew a shed into a street.									
Jefferson County									
Perry	14	1738CST			0	0			Hail (0.75)
Jefferson County									
2 E Perry	14	1740CST			0	0			Hail (1.75)
Jefferson County									
1 E Williamstown	14	1740CST			0	0			Hail (2.00)
Osage County									
3 W Overbrook	14	1740CST			0	0			Hail (1.75)
Douglas County									
2 W Baldwin	14	1747CST			0	0			Hail (0.75)
Osage County									
Overbrook	14	1747CST			0	0			Hail (1.75)
Shawnee County									
4 N Dover	14	1747CST			0	0			Hail (0.75)
Douglas County									
4 WSW Globe	14	1754CST			0	0			Hail (0.75)
Wabaunsee County									
Alta Vista	14	1800CST			0	0			Hail (1.00)
Douglas County									
Lawrence	14	1800CST 2015CST			0	0			Flash Flood
Jefferson County									
Valley Falls	14	1800CST 2015CST			0	0			Flash Flood
Osage County									
Burlingame	14	1800CST 2015CST			0	0			Flash Flood

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, East</u>									
Shawnee County									
Tecumseh	14	1800CST 2015CST			0	0			Flash Flood
Heavy rains caused streams to overflow and flood roadways for a time.									
Douglas County									
Baldwin	14	1821CST			0	0			Hail (0.75)
Shawnee County									
Topeka	14	1823CST			0	0			Hail (1.00)
Shawnee County									
Topeka	14	1828CST			0	0			Hail (1.00)
Shawnee County									
Topeka	14	1830CST			0	0			Hail (0.75)
Shawnee County									
Topeka	14	1832CST			0	0			Hail (1.00)
Shawnee County									
Topeka	14	1833CST			0	0			Hail (0.75)
Jefferson County									
Grantville	14	1838CST			0	0			Hail (0.88)
Douglas County									
Lecompton	14	1853CST			0	0			Hail (0.75)
Douglas County									
1 SE Lecompton	14	1854CST			0	0			Hail (0.75)
Douglas County									
2 NW Lawrence	14	1855CST			0	0			Hail (1.00)
Morris County									
White City	14	1857CST			0	0			Hail (1.00)
Wabaunsee County									
3 N Eskridge	14	1900CST			0	0			Hail (0.75)
Wabaunsee County									
3 E Keene	14	1900CST			0	0			Hail (0.75)
Wabaunsee County									
2 S Keene	14	1901CST			0	0			Hail (0.75)
Shawnee County									
Dover	14	1902CST			0	0			Hail (1.00)
Jefferson County									
5 E Perry	14	1905CST			0	0			Hail (0.75)
Jefferson County									
1 N Perry	14	1909CST			0	0			Hail (0.88)
Douglas County									
Lawrence	14	1910CST			0	0			Hail (0.75)
Shawnee County									
2 W Auburn	14	1910CST			0	0			Hail (1.00)
Osage County									
Carbondale	14	1931CST			0	0			Hail (0.75)
Brown County									
2 SW Morrill	14	1948CST			0	0	2K		Thunderstorm Wind (G70)
Strong winds blew down power lines and large trees.									
Brown County									
Hiawatha	14	2000CST			0	0	3K		Thunderstorm Wind (G65)
Strong winds damaged roofs.									
Douglas County									
1 W Baldwin	14	2004CST			0	0			Hail (0.75)
Franklin County									
Wellsville	14	2022CST			0	0			Hail (0.75)
Jefferson County									
Valley Falls	20	1714CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, East</u>									
Cloud County Jamestown	20	1928CST			0	0			Hail (0.75)
Cloud County Jamestown	20	1928CST			0	0			Thunderstorm Wind (G52)
Republic County 5 NE Republic	20	1935CST			0	0			Hail (0.75)
Ottawa County 2 E Niles	20	2030CST			0	0			Hail (0.75)
Dickinson County 8 SW Abilene	20	2107CST			0	0			Hail (0.88)
Dickinson County 7 S Abilene	20	2125CST			0	0			Hail (0.88)
Geary County 3 SE Milford	20	2129CST			0	0			Hail (1.00)
Dickinson County 5 E Enterprise	20	2133CST			0	0			Hail (1.00)
Geary County 8 E Ft Riley	20	2135CST			0	0			Thunderstorm Wind (G61)
Wabaunsee County 1 NE Alma	20	2200CST			0	0			Thunderstorm Wind (G54)
Jackson County 13 SW Holton	20	2212CST			0	0			Hail (1.00)
Shawnee County 12 NW Topeka	20	2233CST			0	0			Hail (0.88)
Wabaunsee County Maple Hill	20	2233CST			0	0			Hail (1.00)
Jackson County Hoyt	20	2237CST			0	0			Hail (1.75)
Shawnee County Willard	20	2240CST			0	0			Hail (1.00)
Jefferson County Meriden	20	2241CST			0	0			Hail (0.88)
Jefferson County Ozawkie	20	2248CST			0	0			Hail (0.75)
Jefferson County Ozawkie	20	2250CST			0	0			Hail (0.88)
Jefferson County Ozawkie	20	2251CST			0	0			Hail (1.75)
Shawnee County 1 S Elmont	20	2258CST			0	0			Hail (0.75)
Shawnee County 2 NW Topeka	20	2258CST			0	0			Hail (1.00)
Shawnee County 4 N Topeka	20	2259CST			0	0			Hail (1.75)
Jefferson County Winchester	20	2300CST			0	0			Hail (1.00)
Jefferson County 2 S Rock Creek	20	2310CST			0	0			Hail (1.00)
Jefferson County 1 S Newman	20	2313CST			0	0			Hail (1.50)
Jackson County 6 W Holton	20	2315CST			0	0			Hail (0.75)
Jefferson County Ozawkie	20	2315CST			0	0			Hail (1.75)
Dickinson County Solomon	20	2320CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, East</u>									
Nemaha County									
2 N Goff	20	2335CST			0	0			Hail (0.75)
Brown County									
6 W Mercier	20	2345CST			0	0			Hail (1.75)
Brown County									
6 W Mercier	20	2345CST			0	0			Thunderstorm Wind (G52)
Brown County									
9 SW Powhattan	20	2345CST			0	0			Hail (0.75)
Shawnee County									
4 N Topeka	21	0006CST			0	0			Hail (1.75)
Riley County									
Manhattan	21	0010CST 0100CST			0	0			Flash Flood
Heavy rains produced flash flooding with water 3 feet deep for a time on the north side of Manhattan.									
Shawnee County									
1 NW Rossville	21	0045CST			0	0			Hail (0.75)
Dickinson County									
5 NNE Detroit	21	0115CST			0	0			Hail (0.88)
Morris County									
5 SE Dwight	21	1550CST			0	0			Hail (1.00)
Morris County									
7 SE Parkerville	21	1555CST			0	0			Hail (0.88)
Morris County									
Wilsey	21	1558CST			0	0			Hail (1.00)
Wabaunsee County									
Alta Vista	21	1610CST			0	0			Hail (0.88)
Shawnee County									
2 E Dover	21	1628CST			0	0			Hail (1.50)
Shawnee County									
Auburn	21	1630CST			0	0			Hail (0.88)
Shawnee County									
Topeka	21	1635CST			0	0			Hail (1.00)
Ottawa County									
Niles	21	2300CST			0	0			Hail (0.75)
Ottawa County									
8 E Lamar	22	1540CST			0	0			Thunderstorm Wind (G50)
Cloud County									
1 W Miltonvale	22	1545CST			0	0	2K		Thunderstorm Wind (G61)
Strong thunderstorm winds damaged several farm houses and took down trees.									
Morris County									
3 W Delavan	22	1620CST			0	0			Hail (0.75)
Dickinson County									
2 S Woodbine	22	1621CST			0	0			Hail (0.75)
Dickinson County									
2 S Woodbine	22	1621CST			0	0			Thunderstorm Wind (G52)
Republic County									
5 N Munden	22	1845CST			0	0			Thunderstorm Wind (G52)
<u>KANSAS, Extreme Southeast</u>									
Crawford County									
Arma	02	1219CST			0	0	0		Hail (1.00)
Bourbon County									
Bronson	09	1850CST			0	0	0		Hail (0.75)
Bourbon County									
Mapleton	09	1930CST			0	0	0		Hail (1.75)
Crawford County									
Pittsburg	11	0820CST			0	0	25K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

April 2001

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

KANSAS, Extreme Southeast

Structural damage occurred to a building near Pittsburg, along with numerous trees uprooted.

KSZ097

Crawford

11	1430CST				0	3	150K		High Wind
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A three-story discount store partly collapsed in Pittsburg, Kansas due to non-thunderstorm winds. Three employees and two customers were inside the building when the roof began to collapse. Some minor injuries were reported as the third floor collapsed onto the second floor. The building was believed to be 100 years old.

Cherokee County

14	2230CST				0	0	0		Hail (1.00)
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Crawford County

14	2307CST				0	0	0		Hail (0.75)
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Bourbon County

21	1255CST				0	0	0		Hail (0.75)
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Cherokee County

22	2133CST				0	0	2K		Thunderstorm Wind
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Trees and power lines were blown down near Weir.

KANSAS, North Central

Jewell County

03	0307CST				0	0	0	0	Hail (1.50)
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Phillips County

06	1322CST				0	0	0	0	Hail (0.75)
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Phillips County

06	1420CST				0	0	0	0	Funnel Cloud
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Osborne County

06	2035CST				0	0	100K	0	Thunderstorm Wind (G70)
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Smith County

06	2050CST				0	0	0	0	Thunderstorm Wind (G61)
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Late evening thunderstorms produced strong outflow winds up to 80 mph, which damaged farm buildings and a storage silo near Natoma. Thirteen power poles were snapped at ground level. Earlier in the day, a funnel cloud was spotted by the Kansas Highway Patrol north of Speed.

Rooks County

10	2235CST 2250CST	14	300		0	0	100K	0	Tornado (F1)
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Rooks County

10	2238CST 2255CST	20	400		0	0	600K	0	Tornado (F1)
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Rooks County

10	2245CST				0	0	10K	0	Hail (1.75)
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Rooks County

10	2245CST 2250CST	3	75		0	1	100K	0	Tornado (F0)
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Osborne County

10	2305CST 2320CST	9	100		0	0	150K	0	Tornado (F1)
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Osborne County

10	2318CST				0	0	20K	0	Thunderstorm Wind (G70)
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Phillips County

10	2320CST				0	0	0	0	Hail (1.00)
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Smith County

10	2324CST 2335CST	4	100		0	0	75K	0	Tornado (F1)
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Osborne County

10	2325CST 2332CST	7	200		0	0	100K	0	Tornado (F1)
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Exited Osborne county into Smith county

Osborne County

10	2325CST 2330CST	2	75		0	0	50K	0	Tornado (F1)
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Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, North Central</u>									
Smith County									
1 SW Dispatch to 1 E Dispatch	10	2332CST 2335CST	2	100	0	0	10K	0	Tornado (F0)
Entered from Osborne county and exited to Jewell county									
Jewell County									
10 SW Ionia to 6.5 SW Ionia	10	2335CST 2339CST	4	75	0	0	50K	0	Tornado (F0)
Entered from Smith county									
Smith County									
Smith Center	10	2345CST			0	0	0	0	Thunderstorm Wind (G50) ^M
Smith County									
3 SW Cora to 2 E Cora	10	2349CST 2355CST	3.5	50	0	0	10K	0	Tornado (F0)
Jewell County									
2 S Formoso to 3 E Formoso	11	0014CST 0020CST	3.5	75	0	0	70K	0	Tornado (F0)
Exited Jewell county and entered Republic county									
Mitchell County									
Beloit	11	0015CST			0	0	60K	0	Thunderstorm Wind (G80) ^M
Jewell County									
Webber	11	0025CST			0	0	0	0	Thunderstorm Wind (G53)
Strong thunderstorms just north of a warm front moved into north-central Kansas. Despite the late hour of the day, cooler temperatures and foggy conditions, these thunderstorms began to rotate and produced several tornadoes across the area. The first tornado developed in southwest Rooks county near Palco and lifted just south of Webster Lake. One farmstead was hit with damage sustained to outbuildings, trees and farm equipment. The next twister entered Rooks county from Ellis county south of Plainville. This tornado hit a farmstead on the south side of Plainville and traveled northeast through the cemetery and then on to rural areas of eastern Rooks county. The farmstead sustained damage to outbuildings and trees. The home was spared from major damage. Another weak tornado started on the south side of Plainville and traveled up US highway 183 and then northeast to a modular home manufacturing plant. Several homes in production were damaged. Other homes along the path had roof or window damage. Three other tornadoes occurred in Osborne county. The first, on the west side of the county, damaged outbuildings and trees along its 9 mile path. A short lived tornado near the junction of US highway 24 and Kansas Highway 181 hit an abandoned gas station. Old tanks and concrete blocks were littered about for nearly a mile to the northeast. The last tornado in the county started southwest of Downs and traveled northeast. It hit one farmstead on the west side of Downs causing damage to various outbuildings and farm machinery. This twister continued northeast and entered extreme southeast Smith county and then into southwest Jewell county. Before lifting, the tornado hit the parsonage of the Dispatch church, causing roof and wall damage to the home. Other weak tornadoes were noted in Smith and Jewell counties with minor damage noted to power poles and trees. Some other reports indicated that some hail and strong winds accompanied these storms.									
Mitchell County									
11 S Asherville	14	1500CST			0	0	0	0	Hail (0.88)
Jewell County									
8 NE Burr Oak	14	1700CST			0	0	0	0	Hail (0.75)
Rooks County									
Damar	20	1745CST			0	0	0	0	Hail (0.75)
Rooks County									
Palco	20	1745CST			0	0	0	0	Hail (0.75)
Rooks County									
Plainville	20	1805CST			0	0	10K	0	Thunderstorm Wind (G62)
Phillips County									
4 SE Phillipsburg to 3 SE Phillipsburg	20	1810CST 1813CST	1	100	0	0	125K	0	Tornado (F0)
Smith County									
8 N Smith Center	20	1830CST			0	0	0	0	Hail (0.75)
Mitchell County									
Cawker City	20	1900CST			0	0	0	0	Thunderstorm Wind (G52)
Jewell County									
Jewell	20	1915CST			0	0	50K	0	Thunderstorm Wind (G62)

Thunderstorms rolled across north-central Kansas and caused wind damage. A brief tornado was reported southeast of Phillipsburg. The tornado was only on the ground for about a mile, but managed to destroy several outbuildings. Damage was estimated to be \$125,000. Sporadic damage to houses, outbuildings, and trees were reported throughout north-central Kansas. Several structures in

Storm Data and Unusual Weather Phenomena

April 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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KANSAS, North Central

the town of Jewell sustained minor damage.

Phillips County									
5 W Phillipsburg	21	2020CST			0	0	0	100K	Hail (1.75)
Osborne County									
3 W Alton	21	2220CST			0	0	0	0	Hail (0.75)
Rooks County									
2 E Woodston	21	2220CST 2222CST			0	0	0	0	Hail (0.75)
Osborne County									
4 E Alton	21	2240CST			0	0	0	0	Hail (0.75)
Phillips County									
3 SE Long Is	22	1245CST			0	0	0	0	Hail (0.75)
Phillips County									
Woodruff	22	1600CST			0	0	0	0	Thunderstorm Wind (G52)

KANSAS, Northeast

Johnson County									
Olathe	03	0713CST			0	0			Hail (0.75)
Johnson County									
Lenexa	03	0720CST			0	0			Hail (0.88)
Johnson County									
Overland Park	03	0740CST			0	0			Hail (0.75)
Wyandotte County									
Kansas City	03	1000CST 1200CST			0	0			Flash Flood
									Law enforcement reported several roads closed due to high water.
Linn County									
2 NW Parker	09	1725CST			0	0			Hail (0.75)
Linn County									
Pleasanton	09	1959CST			0	0			Hail (1.75)
Linn County									
4 NW Mound City	09	2025CST			0	0			Hail (1.00)
Linn County									
La Cygne	09	2038CST			0	0			Hail (0.75)
Johnson County									
De Soto	10	1215CST			0	0			Hail (0.75)
Leavenworth County									
1 NE Linwood	10	1226CST			0	0			Hail (1.25)
Wyandotte County									
Bonner Spgs	10	1245CST			0	0			Hail (0.75)
Johnson County									
Gardner	10	1512CST			0	0			Hail (1.00)
Miami County									
Antioch	10	1515CST			0	0			Tstm Wind/Hail
									Law enforcement reported wind gusts to 70 mph with one inch hail.
Johnson County									
Spring Hill	10	1521CST			0	0			Hail (1.75)
Johnson County									
Overland Park	10	1525CST			0	0			Hail (1.00)
Johnson County									
Spring Hill	10	1525CST			0	0			Hail (1.75)
Johnson County									
Stanley	10	1525CST			0	0			Hail (0.75)
Johnson County									
Stilwell	10	1535CST			0	0			Hail (2.50)
Johnson County									
2 W De Soto	14	1800CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Northeast</u>									
Wyandotte County									
Kansas City	14	1813CST			0	0			Thunderstorm Wind (G52)
Johnson County									
Shawnee	14	1909CST			0	0			Thunderstorm Wind (G52)
Leavenworth County									
Tonganoxie	14	1917CST			0	0			Hail (0.75)
Leavenworth County									
7 W Linwood	14	1931CST			0	0			Hail (1.00)
Doniphan County									
Highland	14	1940CST			0	0			Thunderstorm Wind (G57)
Law enforcement reported wind gusts to 66 mph.									
Johnson County									
2 SW Shawnee	14	1945CST			0	0			Hail (0.75)
Leavenworth County									
Linwood	14	1954CST			0	0			Hail (0.75)
Johnson County									
Gardner	14	2030CST			0	0			Hail (0.75)
Miami County									
Antioch	14	2030CST			0	0			Tstm Wind/Hail
Law enforcement reported 3/4 inch hail and gusts to 70 mph.									
Miami County									
Somerset	14	2040CST			0	0			Hail (0.88)
Miami County									
2 S Louisburg	14	2049CST			0	0			Hail (1.75)
Wyandotte County									
Kansas City	14	2049CST 2300CST			0	0			Flash Flood
Several roads closed and one water recue needed									
Doniphan County									
2 N Bendena	20	1751CST			0	0			Hail (0.75)
Atchison County									
3 NW Cummings	20	1755CST			0	0			Hail (0.75)
Doniphan County									
Troy	20	1755CST			0	0			Hail (0.88)
Atchison County									
Huron	20	2345CST			0	0			Hail (0.75)
<u>KANSAS, Northwest</u>									
Gove County									
10 S Quinter	06	1115MST			0	0			Funnel Cloud
Gove County									
Quinter	06	1115MST			0	0			Hail (1.75)
Gove County									
Quinter	06	1115MST			0	0			Hail (1.00)
Graham County									
13 SSW Morland	06	1115MST			0	0			Hail (1.00)
Graham County									
St Peter	06	1125MST			0	0			Hail (1.75)
Norton County									
3 S Edmond	06	1139MST			0	0			Hail (0.88)
Graham County									
12 N Bogue	06	1150MST			0	0			Hail (0.88)
Graham County									
10 SW St Peter	06	1155MST			0	0			Funnel Cloud
Norton County									
15 S Norton	06	1202MST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Northwest</u>									
Graham County									
8 N Hill City	06	1210MST			0	0			Hail (2.00)
Greeley County									
10 NE Tribune	06	1526MST			0	0			Hail (1.75)
			2 windows broken from hail.						
Wallace County									
Sharon Spgs	06	1530MST			0	0			Thunderstorm Wind (G61)
			Tin roof from chicken house blown off from wind.						
Greeley County									
1 S Tribune	06	1540MST			0	0			Hail (0.88)
Logan County									
5 W Page City	06	1542MST			0	0			Hail (1.75)
Logan County									
5 W Page City	06	1542MST			0	0			Thunderstorm Wind (G61)
			Storm began to rotate over Logan County.						
Thomas County									
15 S Brewster	06	1545MST			0	0			Hail (1.00)
Sherman County									
Goodland Arpt	06	1557MST			0	0			Thunderstorm Wind (G50) ^M
Rawlins County									
5 SW Atwood	06	1605MST			0	0			Hail (1.75)
Thomas County									
2 E Brewster	06	1605MST			0	0			Hail (0.75)
Logan County									
10 W Russell Spgs	06	1610MST 1612MST			0	0			Funnel Cloud
			Chaser actually observed 3 funnels with rotating storm.						
Cheyenne County									
Wheeler	06	1622MST			0	0			Thunderstorm Wind (G57)
Thomas County									
1 NW Levant	06	1622MST 1623MST			0	0			Funnel Cloud
			Rotating funnel captured on video.						
Thomas County									
Levant	06	1623MST			0	0			Thunderstorm Wind (G53)
Rawlins County									
7 NW Atwood	06	1627MST			0	0			Hail (1.50)
Logan County									
2 N Mc Allaster	06	1630MST			0	0			Thunderstorm Wind (G66)
			Wind damage...downed power lines.						
Thomas County									
10 S Colby	06	1630MST			0	0			Funnel Cloud
Wichita County									
2 SE Marienthal	06	1635MST			0	0			Hail (0.88)
Thomas County									
Colby	06	1643MST			0	0			Hail (0.88)
			Hail drifted along Interstate 70.						
Thomas County									
Colby	06	1643MST 1654MST			0	0			Thunderstorm Wind (G70)
			Wind damage in Colby as many fences were blown down and some shattered glass. Also, tree and roof damage reported in residential area.						
Rawlins County									
13 SE Atwood	06	1645MST			0	0			Hail (1.00)
Thomas County									
5 S Colby to Colby	06	1650MST 1800MST			0	0			Flash Flood

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Northwest</u>									
Flooded businesses reported in Colby and water running across Highway 25 south of Colby. Some roads were impassable in Colby for a short time, and one vehicle was stranded due to the high water.									
Gove County 11 S Campus	06	1700MST			0	0			Thunderstorm Wind (G57)
Rawlins County 1 S Atwood to Atwood	06	1705MST 1800MST			0	0			Flash Flood
Streets flooded in Atwood and water flowing across section of Highway 25.									
Decatur County 11 SW Oberlin	06	1715MST			0	0			Thunderstorm Wind (G52)
Logan County Russell Spgs to 11 N Russell Spgs	06	1720MST 1800MST			0	0			Flash Flood
Flooding over Highway 25 between Russell Springs and Highway 40 in northern Logan County.									
Sheridan County Hoxie	06	1740MST			0	0			Thunderstorm Wind (G52)
Norton County 10 W Norton	06	1806MST			0	0			Thunderstorm Wind (G52)
Graham County 9 N Morland	06	1815MST			0	0			Thunderstorm Wind (G57)
1-2 inch diameter tree limbs blown down.									
KSZ001 Cheyenne	06	2052MST			0	0			High Wind (G50)
Reported 10 miles south of Bird City.									
Gove County 8 W Gove	10	1948MST			0	0			Hail (0.75)
Gove County 9 NW Gove	10	1949MST			0	0			Hail (0.75)
Ground completely covered by hail.									
Gove County Park	10	2022MST			0	0			Funnel Cloud
Funnel reported by public.									
Sheridan County 11.5 SSE Tasco	10	2030MST			0	0			Hail (0.75)
Sheridan County 12.5 SSE Tasco	10	2035MST 2100MST			0	0			Thunderstorm Wind (G53)
Occasional gusts exceeding 58 mph persisted nearly 25 minutes.									
Gove County 1 S Quinter to Quinter	10	2045MST 2050MST			0	0			Hail (1.00)
Graham County 9 S Hill City	10	2118MST			0	0			Hail (1.00)
Graham County 4 E St Peter	10	2120MST 2125MST			0	0			Hail (1.75)
Hail first reported as Quarter sized.									
Graham County Bogue	10	2144MST			0	0			Hail (1.00)
KSZ001>004- 013>016-027>029- 041>042	11	0900MST 1700MST			0	0	500K		High Wind (G72)
Strong spring storm resulted in damaging winds across northwest Kansas. The winds especially affected travel as blowing dust closed down roads. Damage unknown, but damaging winds occurred most of the day.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Northwest</u>									
Wallace County									
8 N Wallace	14	1625MST			0	0			Hail (0.75)
Cheyenne County									
12 N Wheeler	20	1430MST			0	0			Thunderstorm Wind (G52)
Sherman County									
Goodland	20	1430MST 1436MST			0	0			Thunderstorm Wind (G63)
Sherman County									
Goodland Arpt	20	1436MST			0	0			Thunderstorm Wind (G54) ^M
Thomas County									
4 N Levant to 13 E Colby	20	1458MST 1515MST			0	0			Thunderstorm Wind (G65)
Semi-truck blown over along Interstate 70 and power pole down on Highway 25 in Thomas County.									
Cheyenne County									
8 S St Francis	20	1500MST			0	0			Thunderstorm Wind (G52)
Rawlins County									
7 N Atwood to Atwood	20	1517MST 1525MST			0	0			Thunderstorm Wind (G65)
Decatur County									
Oberlin	20	1540MST 1545MST			0	0			Thunderstorm Wind (G65)
Decatur County									
Oberlin to 13 S Oberlin	20	1544MST 1552MST			0	0			Thunderstorm Wind (G70)
Tree limbs and power lines were down across Decatur County. In addition, a thousand foot irrigation pipe blew into two vehicles on Highway 83 due to the wind. No injuries.									
Sheridan County									
2 W Hoxie	20	1545MST			0	0			Thunderstorm Wind (G52)
Gove County									
Grainfield	20	1550MST			0	0			Thunderstorm Wind (G50)
Rawlins County									
7 NE Ludell to Ludell	20	1600MST 1610MST			0	0			Thunderstorm Wind (G70)
Trees uprooted and power lines were down across Rawlins County.									
Graham County									
5 S Hill City	20	1610MST			0	0			Thunderstorm Wind (G51)
Norton County									
Norton	20	1610MST			0	0			Thunderstorm Wind (G65)
Trees and some power lines were down in Norton.									
Rawlins County									
Herndon	20	1620MST			0	0			Thunderstorm Wind (G70)
Fallen trees and several damaged roofs were common from the strong winds.									
Cheyenne County									
10 W St Francis to 6 NW Bird City	20	1705MST 1723MST			0	0			Thunderstorm Wind (G61)
Norton County									
Norton	20	1715MST			0	0			Thunderstorm Wind (G52)
KSZ013									
Sherman	20	1730MST			0	0			High Wind (G57)
Non-convective winds.									
Rawlins County									
14 NW Atwood	20	1800MST			0	0			Thunderstorm Wind (G61)
Sheridan County									
Selden	20	1830MST			0	0			Thunderstorm Wind (G57)
Thomas County									
2 SW Rexford	20	1830MST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Northwest</u>									
Decatur County									
7 W Oberlin	20	1835MST			0	0			Hail (0.75)
Decatur County									
7 W Oberlin	20	1835MST			0	0			Thunderstorm Wind (G61)
Norton County									
Norton	20	1905MST			0	0			Thunderstorm Wind (G57)
Thomas County									
9 E Colby	22	0230MST			0	0			Funnel Cloud
		Public noted brief funnel cloud.							
Decatur County									
11 N Norcatur	22	0335MST			0	0			Hail (1.00)
Cheyenne County									
St Francis	22	0630MST			0	0			Hail (0.75)
Sherman County									
Ruleton	22	0635MST			0	0			Hail (0.75)
Wallace County									
14 NNE Wallace	22	0700MST			0	0			Thunderstorm Wind (G52)
Wichita County									
3 E Marienthal	22	0730MST			0	0			Thunderstorm Wind (G52)
Thomas County									
8 S Colby	22	0740MST			0	0			Thunderstorm Wind (G52)
Logan County									
5 SW Oakley	22	0745MST			0	0			Hail (0.75)
Norton County									
4 E Norton	22	2350MST			0	0			Heavy Rain
		Restricted visibilities on route 36.							
Greeley County									
12 S Tribune	29	1326MST			0	0			Hail (1.00)
Wichita County									
15 SW Leoti	29	1405MST			0	0			Hail (0.75)
Wichita County									
2 S Selkirk	29	1446MST			0	0			Hail (1.50)
Wichita County									
4 SE Selkirk	29	1448MST			0	0			Hail (1.00)
Cheyenne County									
Bird City Arpt	29	2005MST			0	0			Thunderstorm Wind (G58) ^M
<u>KANSAS, Southeast</u>									
Cowley County									
6 SE Winfield	02	0510CST			0	0			Hail (1.00)
Chautauqua County									
5 SE Cedar Vale	02	0550CST			0	0			Hail (2.00)
Chautauqua County									
7 E Cedar Vale	02	0600CST			0	0			Hail (0.75)
Chautauqua County									
1 W Sedan	02	0615CST			0	0			Hail (0.88)
Chautauqua County									
3 S Sedan	02	0615CST			0	0			Hail (0.75)
Chautauqua County									
Sedan Arpt	02	0620CST			0	0			Hail (0.75)
Elk County									
3 NW Grenola	02	0650CST			0	0			Hail (0.75)
Montgomery County									
3 W Coffeyville	02	0711CST			0	0			Hail (1.75)
Montgomery County									
5 E Coffeyville	02	0725CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Southeast</u>									
Montgomery County									
Coffeyville	02	0725CST			0	0			Hail (0.88)
Harper County									
1 W Waldron	06	1947CST			0	0			Thunderstorm Wind (G61)
Harper County									
4 N Anthony	06	2000CST			0	0			Thunderstorm Wind (G50) ^M
Barton County									
7 S Great Bend	06	2018CST			0	0	0.25K		Thunderstorm Wind (G52)
									One window blown out of house.
Russell County									
Russell	06	2020CST			0	0			Thunderstorm Wind (G98) ^M
									Occurred at Russell Municipal Airport.
Barton County									
Ellinwood	06	2021CST			0	0			Thunderstorm Wind (G52)
Sedgwick County									
Goddard	06	2027CST			0	0			Thunderstorm Wind (G53) ^M
Barton County									
10 N Great Bend	06	2028CST			0	0			Thunderstorm Wind (G52)
									Trees uprooted.
Russell County									
Russell	06	2028CST			0	0	50K		Thunderstorm Wind (G78)
									Semi-truck blown over on I-70.
Rice County									
6 NW Lyons	06	2030CST			0	0			Thunderstorm Wind (G52)
Rice County									
1 W Silica	06	2030CST			0	0			Thunderstorm Wind (G52)
Russell County									
Luray	06	2030CST			0	0	15K		Thunderstorm Wind (G65)
									Shed destroyed.
Russell County									
Lucas	06	2032CST			0	0	10K		Thunderstorm Wind (G70)
									Power lines blown down. (Reported by KRSL Radio.)
Russell County									
Luray	06	2032CST			0	0	10K		Thunderstorm Wind (G65)
									Power lines blown down.
Sedgwick County									
5 SW Goddard	06	2040CST			0	0			Thunderstorm Wind (G52)
									Occurred at Lake Afton.
Sedgwick County									
Goddard	06	2042CST			0	0			Thunderstorm Wind (G52)
Ellsworth County									
3 SW Ellsworth	06	2044CST			0	0			Thunderstorm Wind (G52)
Lincoln County									
Lincoln	06	2046CST			0	0	10K		Thunderstorm Wind (G70)
									Power lines blown down. (Reported by KRSL Radio.)
Sedgwick County									
Goddard	06	2050CST			0	0			Thunderstorm Wind (G57) ^M
Saline County									
Salina	06	2055CST			0	0			Thunderstorm Wind (G52)
Ellsworth County									
Kanas Res	06	2100CST			0	0	25K		Thunderstorm Wind (G56)
									Utility poles snapped.
Butler County									
Douglass	06	2114CST			0	0			Thunderstorm Wind (G52)
Butler County									
Potwin	06	2116CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Butler County									
3 E Augusta	06	2117CST			0	0			Thunderstorm Wind (G52)
Allen County									
Moran	09	1850CST			0	0			Hail (0.75)
Cowley County									
Dexter	09	2218CST			0	0			Hail (0.75)
Elk County									
Grenola	09	2245CST			0	0			Hail (0.75)
Elk County									
Grenola	09	2255CST			0	0			Hail (0.75)
Elk County									
Grenola	09	2255CST			0	0			Thunderstorm Wind (G52)
Elk County									
Moline	09	2259CST			0	0			Hail (0.75)
Elk County									
Elk Falls	09	2310CST			0	0			Hail (1.00)
Wilson County									
New Albany	09	2340CST			0	0			Thunderstorm Wind (G52)
Wilson County									
New Albany	09	2347CST			0	0			Thunderstorm Wind (G52)
Woodson County									
Yates Center	10	0049CST			0	0			Hail (0.75)
Harper County									
12 W Anthony	10	1040CST			0	0			Hail (1.00)
Sedgwick County									
Wichita	10	1042CST			0	0			Hail (0.75)
Kingman County									
3 SE Cunningham	10	1045CST			0	0			Hail (2.00)
Kingman County									
3 W Spivey	10	1052CST			0	0			Hail (0.88)
Sedgwick County									
Wichita	10	1059CST			0	0			Hail (1.00)
		Occurred at MacArthur/Oliver intersection.							
Sedgwick County									
Wichita	10	1100CST			0	0			Hail (1.75)
		Occurred at Harry/Edgemoor intersection.							
Sedgwick County									
Wichita	10	1100CST			0	0			Hail (1.75)
		Occurred at S 47th/Hydraulic intersection.							
Kingman County									
Kingman	10	1103CST			0	0			Hail (1.00)
Sedgwick County									
Wichita	10	1105CST			0	0			Hail (1.00)
		Reported by McConnell AFB.							
Sedgwick County									
Wichita	10	1115CST			0	0			Hail (1.75)
		Occurred at Pawnee/Oliver intersection.							
Sedgwick County									
Wichita	10	1117CST			0	0			Hail (0.75)
		Occurred at Kellogg/Dugan interchange.							
Reno County									
3 NE Pretty Prairie	10	1120CST			0	0			Hail (0.88)
Sedgwick County									
Wichita	10	1122CST			0	0			Hail (1.75)
		Occurred at Ridge/Maple intersection.							
Reno County									
4 W Pretty Prairie	10	1130CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Southeast</u>									
Harvey County									
Paxton	10	1135CST			0	0			Hail (0.88)
Marion County									
8 NW Marion	10	1135CST			0	0			Hail (1.00)
Harvey County									
1 SW Hesston	10	1150CST			0	0			Hail (1.00)
Mcperson County									
3 NW Conway	10	1200CST			0	0			Hail (0.75)
Harper County									
1 NW Harper	10	1055CST			0	0			Hail (0.75)
KSZ067									
Reno	11	0100CST			0	0	5K		High Wind (G56)
High winds associated with a wake low uprooted 2 trees and blew the roof off a shed 19 miles west, and 12 miles west, of Hutchinson, respectively.									
Barton County									
Ellinwood	11	0132CST			0	0			Thunderstorm Wind (G52)
Rice County									
Silica	11	0145CST			0	0			Thunderstorm Wind (G52)
Grain elevator damaged. Extent unknown.									
Rice County									
4 N Chase	11	0150CST			0	0	5K		Thunderstorm Wind (G52)
Shed blown down.									
KSZ032>033-047>053-067>069-083-091>093									
Russell - Lincoln - Barton - Ellsworth - Saline - Rice - Mcpherson - Marion - Chase - Reno - Harvey - Butler - Sedgwick - Harper - Sumner - Cowley	11	1000CST 1600CST			0	2	750K		High Wind (G65)
Extremely intense and deepening low pressure moving from northwest Kansas across Nebraska to Iowa produced widespread damaging 43-65KT southwest winds across central and south-central Kansas from late morning thru early evening. In extreme cases, buildings were completely unroofed. Among the casualties in this category were a restaurant in Arlington (Reno County), a recycling center in Newton (Harvey County), and two homes in southwest Butler County. Other extensive roof damage included the City Hall in Benton (western Butler County), an elementary school in Cottonwood Falls (Chase County) where half of the roof was blown off, a horse barn in Eureka (Greenwood County) where nearly half of the roof was blown off and the west wall partially dislodged, and in Pilsen (northeast Marion County) where the community center lost most of it's roof. In addition, roofs were blown off sheds and shingles peeled from countless homes.									
Driving was especially dangerous as least half a dozen tractor-trailers were overturned resulting in injuries to two people. One injury occurred 3 W Augusta in western Butler County when a tractor overturned and the driver was thrown. One man was injured on K-96 about 10 W Wichita when his tractor-trailer overturned. A total of five tractor-trailers overturned on I-235 in Wichita and on K-96 alone. One truck overturned on Highway 56 just north of Marion in Marion County.									
Damage to trees, power lines, and power poles was widespread and occasionally started fires. A few areas were without power thru the following morning. In addition, windows were blown out and many signs either blown out or blown over.									
Law enforcement, emergency managers, trained spotters, broadcast media, and area newspapers all contributed greatly to this report.									
Ellsworth County									
8 NE Kanopolis	14	1327CST			0	0			Hail (0.75)
Saline County									
3 N Hedville	14	1329CST			0	0			Hail (0.75)
Saline County									
Glendale	14	1330CST			0	0			Hail (0.75)
Ellsworth County									
5 N Ellsworth	14	1415CST			0	0			Hail (0.75)
Mcperson County									
1 SE Marquette	14	1417CST			0	0			Hail (0.75)
Saline County									
5 W Bridgeport	14	1439CST			0	0			Hail (0.75)
Hail covered the ground.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Lincoln County									
1 S Lincoln	14	1440CST			0	0			Hail (0.75)
Saline County									
1 NE Assaria	14	1505CST			0	0			Hail (1.00)
Saline County									
Assaria	14	1521CST			0	0			Hail (0.75)
Saline County									
Assaria	14	1525CST			0	0			Hail (0.88)
Kingman County									
4 W Penalosa	14	1740CST			0	0			Hail (0.75)
Kingman County									
6 S Penalosa	14	1755CST			0	0			Hail (1.00)
Reno County									
18 W Hutchinson	14	1801CST			0	0			Hail (1.75)
Reno County									
7 W Hutchinson	14	1811CST			0	0			Hail (0.75)
Reno County									
Hutchinson	14	1812CST			0	0			Hail (0.75)
Occurred at 30th St/Nickerson Blvd. intersection.									
Mcpherson County									
3 S Inman	14	1814CST			0	0			Hail (0.75)
Occurred on the Reno/McPherson county line.									
Saline County									
Salina	14	1816CST			0	0			Hail (1.00)
Saline County									
Assaria	14	1820CST			0	0			Hail (0.75)
Kingman County									
4 NW Norwich	14	1823CST	0.5	110	0	0			Tornado (F0)
Brief touchdown.									
Reno County									
Hutchinson	14	1839CST			0	0			Hail (0.75)
Reno County									
Hutchinson	14	1843CST			0	0			Hail (0.75)
Sedgwick County									
3 NW Andale	14	1855CST			0	0			Hail (0.88)
Occurred at 71st St S/342nd St W. intersection.									
Sedgwick County									
Clonmel	14	1900CST			0	0			Hail (1.00)
Sumner County									
2 NE Millerton	14	1905CST			0	0			Hail (1.75)
Sedgwick County									
Clearwater	14	1909CST			0	0			Hail (2.75)
Sedgwick County									
Haysville	14	1920CST			0	0			Hail (0.88)
Sedgwick County									
Haysville	14	1922CST			0	0			Hail (1.75)
Sedgwick County									
Derby	14	1925CST			0	0			Hail (1.00)
Sedgwick County									
4 SE Derby	14	1925CST			0	0			Hail (1.00)
Sumner County									
1 S Mulvane	14	1925CST			0	0			Hail (0.88)
Sumner County									
Mulvane	14	1925CST			0	0			Hail (1.75)
Butler County									
1 S Rose Hill	14	1933CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Reno County									
6 S Buhler	14	1937CST			0	0			Hail (1.00)
Cowley County									
2 S Rock	14	1945CST			0	0			Hail (1.00)
Reno County									
Plevna	14	2010CST			0	0			Hail (0.75)
Reno County									
Sylvia	14	2025CST			0	0			Hail (0.75)
Reno County									
Partridge	14	2027CST			0	0			Hail (0.75)
Reno County									
Plevna	14	2027CST			0	0			Hail (0.75)
Elk County									
Grenola	14	2030CST			0	0			Hail (1.00)
Reno County									
2 E Punkin Center	14	2034CST			0	0			Hail (1.00)
Reno County									
Elmer to 2 SW Elmer	14	2037CST			0	0			Hail (1.00)
		Hail covered ground.							
Reno County									
Castleton	14	2045CST			0	0			Hail (0.75)
Reno County									
Haven	14	2045CST			0	0			Hail (1.75)
Harvey County									
4 E Burrton	14	2048CST			0	0			Hail (0.88)
Reno County									
1 E Haven	14	2052CST			0	0			Hail (1.00)
		Occurred at K-96/Victory Rd intersection.							
Reno County									
3 SW Haven	14	2058CST			0	0			Hail (0.75)
Reno County									
Haven	14	2102CST			0	0			Hail (0.75)
Butler County									
1 S Whitewater	14	2116CST			0	0			Hail (0.75)
Sedgwick County									
Goddard	14	2122CST			0	0			Thunderstorm Wind (G56)
Sumner County									
Argonia	14	2150CST			0	0			Hail (1.75)
Sumner County									
Argonia	14	2150CST			0	0			Thunderstorm Wind (G52)
Sumner County									
Wellington	14	2150CST			0	0			Thunderstorm Wind (G52)
Sumner County									
3 W Wellington	14	2201CST			0	0			Hail (0.88)
Sumner County									
3 W Wellington	14	2201CST			0	0			Thunderstorm Wind (G61)
Sumner County									
Wellington	14	2203CST			0	0			Thunderstorm Wind (G52)
Sumner County									
Wellington	14	2212CST			0	0			Hail (1.75)
Cowley County									
Udall	14	2216CST			0	0			Thunderstorm Wind (G61)
Cowley County									
2 NE Winfield	14	2217CST			0	0			Thunderstorm Wind (G50) ^M

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Sumner County									
South Haven	14	2220CST			0	0			Hail (1.75)
Cowley County									
2 NW Arkansas City	14	2232CST			0	0			Hail (0.75)
Cowley County									
Arkansas City	14	2234CST			0	0			Hail (1.75)
Cowley County									
5 W Arkansas City	14	2235CST			0	0			Hail (0.75)
Cowley County									
1 N Arkansas City	14	2236CST			0	0			Hail (1.00)
Cowley County									
3 W Arkansas City	14	2238CST			0	0			Hail (1.75)
Wilson County									
4 N Neodesha	14	2248CST			0	0			Hail (1.00)
Wilson County									
Altoona	14	2252CST			0	0			Hail (0.75)
Neosho County									
Erie	14	2316CST			0	0			Thunderstorm Wind (G52)
Saline County									
Salina	14	1414CST			0	0			Hail (0.75)
Ellsworth County									
Ellsworth	14	1430CST			0	0			Hail (0.75)
Rice County									
3 SE Sterling	14	1800CST			0	0			Hail (0.75)
Harvey County									
1 W Patterson	14	1900CST			0	0			Thunderstorm Wind (G52)
Chautauqua County									
10 N Cedar Vale	14	2038CST	0.5	110	0	0			Tornado (F0)
			Brief touchdown in open country.						
Kingman County									
5 SE Kingman	14	2140CST			0	0			Thunderstorm Wind (G52)
Cowley County									
Maple City	14	2249CST			0	0			Hail (0.75)
Labette County									
2 W Bartlett	14	2340CST			0	0			Thunderstorm Wind (G56)
			Large trees blown down in cemetery.						
Russell County									
Gorham	20	1826CST			0	0			Hail (1.00)
Russell County									
2 SW Russell	20	1830CST			0	0			Hail (1.50)
Russell County									
Russell	20	1830CST			0	0			Thunderstorm Wind (G61)
			Radio station KRSL.						
Russell County									
Russell	20	1834CST			0	0			Hail (0.88)
Russell County									
Russell	20	1836CST			0	0			Hail (1.00)
Barton County									
3 N Stickney	20	1844CST			0	0			Hail (1.00)
Barton County									
3 N Albert	20	1847CST			0	0			Hail (1.00)
Barton County									
Susank	20	1851CST			0	0			Hail (1.75)
Russell County									
6 S Dorrance	20	1903CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Ellsworth County									
2 N Wilson	20	1908CST			0	0			Hail (1.00)
Lincoln County									
3 SW Sylvan Grove	20	1910CST			0	0			Hail (1.75)
Lincoln County									
1 W Sylvan Grove	20	1910CST			0	0			Hail (0.75)
Lincoln County									
1 W Sylvan Grove	20	1910CST			0	0			Thunderstorm Wind (G52)
Russell County									
10 S Dorrance	20	1910CST			0	0			Hail (1.00)
Barton County									
5 NW Claflin	20	1937CST			0	0			Hail (1.00)
Lincoln County									
8 S Lincoln	20	1939CST			0	0			Hail (1.75)
Saline County									
Glendale	20	1952CST			0	0			Hail (1.00)
Saline County									
Glendale	20	2000CST			0	0			Hail (1.00)
Ellsworth County									
Kanopolis	20	2013CST			0	0			Hail (1.00)
Saline County									
5 W Salina	20	2014CST			0	0			Hail (0.88)
Saline County									
Hedville	20	2021CST			0	0			Hail (1.00)
Saline County									
Salina	20	2030CST			0	0			Hail (1.75)
		Occurred on south side of town.							
Saline County									
Salina	20	2048CST			0	0			Hail (1.75)
		Occurred at Schilling Airport.							
Saline County									
Salina	20	2050CST			0	0			Hail (1.00)
Ellsworth County									
17 NE Ellsworth	20	2238CST			0	0			Hail (1.00)
Saline County									
Marydel	20	2247CST			0	0			Hail (0.75)
Ellsworth County									
Ellsworth	20	2328CST			0	0			Hail (1.00)
Saline County									
Brookville	20	2350CST			0	0			Hail (1.00)
Ellsworth County									
Black Wolf	21	1820CST			0	0			Hail (0.88)
Ellsworth County									
10 N Kanopolis	21	1903CST			0	0			Hail (1.00)
Ellsworth County									
12 NE Kanopolis	21	1915CST			0	0			Hail (1.00)
Lincoln County									
Westfall	21	1923CST			0	0			Hail (1.00)
Barton County									
2 S Albert	21	1935CST			0	0			Hail (0.88)
Barton County									
2 N Albert	21	1938CST			0	0			Hail (1.00)
Barton County									
Albert	21	1945CST			0	0			Thunderstorm Wind (G52)
Barton County									
5 W Olmitz	21	1945CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Russell County									
16 SW Russell	21	2128CST			0	0			Hail (1.00)
Ellsworth County									
8 N Ellsworth to 10 N Ellsworth	21	2144CST 2150CST	2	220	0	0	10K		Tornado (F0)
Occurred at I-70/K-14 interchange just south of Ellsworth/Lincoln county line. Although the tornado remained in open country, two sheds were damaged and a few trees were uprooted.									
Ellsworth County									
7 N Ellsworth	21	2145CST			0	0			Hail (2.75)
Time estimated. Hail occurred very close to tornado occurrence.									
Russell County									
Russell	21	2151CST			0	0			Hail (0.88)
Russell County									
Russell	21	2153CST			0	0			Hail (0.88)
Lincoln County									
3 S Lincoln	21	2158CST			0	0			Hail (1.75)
Lincoln County									
7 S Lincoln to 5 S Lincoln	21	2215CST 2220CST	2	220	0	0	50K		Tornado (F0)
Minor damage to one home as well as a few trees.									
Barton County									
Hoisington	21 22	2340CST 0700CST			0	0			Flash Flood
Several streets across hoisington and Highway 281 were inundated with water.									
Barton County									
1 S Hoisington	22	1132CST 1950CST			0	0			Flash Flood
Runoff from the torrential rains of the previous night's severe convection resulted in the flash flooding of Blood Creek 1 mile south of Hoisington. Highway 281 was barricaded throughout this period with flood waters reaching depths of 2 feet.									
Cowley County									
4 S Dexter	22	1550CST			0	0			Hail (0.75)
Cowley County									
Winfield	22	1607CST			0	0			Hail (0.75)
Cowley County									
Arkansas City	22	1610CST			0	0			Hail (1.00)
Cowley County									
Arkansas City	22	1610CST			0	0			Hail (1.75)
Cowley County									
3 S Winfield	22	1615CST			0	0			Hail (1.25)
Butler County									
Leon	22	1620CST			0	0			Hail (0.75)
Cowley County									
2 N Winfield	22	1625CST			0	0			Hail (0.75)
Cowley County									
Winfield	22	1625CST			0	0			Hail (1.00)
Cowley County									
Winfield	22	1628CST			0	0			Hail (0.75)
Butler County									
Smileyburg	22	1630CST			0	0			Hail (1.00)
Chautauqua County									
1 W Cedar Vale	22	1638CST			0	0			Hail (0.75)
Butler County									
1 E Leon	22	1644CST			0	0			Hail (0.88)
Lincoln County									
Lincoln	30	1740CST			0	0			Hail (0.88)
Lincoln County									
Lincoln	30	1750CST			0	0			Hail (1.00)
Occurred on east side of town.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Southeast</u>									
Saline County									
Glendale	30	1905CST			0	0			Hail (1.00)
Hail covered the ground.									
Saline County									
Brookville	30	1906CST			0	0			Hail (0.75)
Saline County									
4 W Salina	30	1946CST			0	0			Hail (1.00)
Saline County									
4 W Salina	30	1950CST			0	0			Hail (0.75)
Saline County									
4 NE Brookville	30	1953CST			0	0			Hail (1.00)
Saline County									
4 W Salina	30	2000CST			0	0			Hail (1.75)
<u>KANSAS, Southwest</u>									
Lane County									
Dighton	06	1146CST			0	0			Hail (0.75)
Trego County									
10 W Wakeeney	06	1235CST			0	0			Hail (1.00)
Trego County									
10 W Wakeeney	06	1250CST			0	0			Hail (1.00)
Hamilton County									
Syracuse	06	1550CST			0	0			Hail (0.88)
Hamilton County									
17 N Syracuse	06	1605CST			0	0			Hail (1.00)
Morton County									
1 SW Rolla to 5 NNE Rolla	06	1610CST 1616CST	6.6	350	0	2	100K		Tornado (F2)
Rapidly moving tornado completely destroyed a mobile home. Female occupant ended up in some bushes and had a broken arm. Male occupant had debris in his eye. Their truck was rolled into trees and nearby outbuildings were demolished. Location of this home was north of Rolla. Elsewhere, 20 power poles were taken down, damage was done to buildings in Rolla with a garage losing its roof. Several silos were damaged or destroyed in the path of the tornado.									
Morton County									
5 NNE Elkhart	06	1616CST			0	0			Thunderstorm Wind (G52)
Stanton County									
Manter	06	1617CST			0	0			Hail (1.00)
Stanton County									
8 S Johnson	06	1625CST			0	0			Hail (0.75)
Morton County									
Rolla	06	1628CST			0	0			Thunderstorm Wind (G50) ^M
Morton County									
Rolla	06	1634CST			0	0			Thunderstorm Wind (G56) ^M
Cimarron National Grasslands									
Stevens County									
8 NNW Hugoton to 14 N Hugoton	06	1638CST 1647CST	7	150	0	0	100K		Tornado (F1)
Tornado destroyed two pivot irrigation sprinklers and crossed into Grant county at 1647.									
Stanton County									
13 NE Johnson	06	1640CST			0	0			Hail (0.75)
Grant County									
13 SSE Ulysses to 9 E Ulysses	06	1647CST 1700CST	14	150	0	0	235K		Tornado (F2)
Tornado crossed into Grant county from Stevens county at 1647. Three pivot sprinklers were destroyed, 2 grain bins, a silo, machine shed and horse trailer were also damaged or destroyed. A roof was taken off a building and an empty rail car was overturned.									
Morton County									
Elkhart	06	1648CST			0	0			Thunderstorm Wind (G60) ^M
Hamilton County									
Syracuse	06	1650CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Southwest</u>									
Grant County									
2 S Ulysses	06	1656CST			0	0			Hail (0.75)
Grant County									
2 S Ulysses	06	1656CST			0	0			Thunderstorm Wind (G52)
Scott County									
2 S Modoc	06	1700CST			0	0			Thunderstorm Wind (G52)
Kearny County									
3 W Lake Mc Kinney	06	1705CST			0	0			Thunderstorm Wind (G52)
Stevens County									
Woods	06	1705CST			0	0			Hail (1.75)
Stevens County									
Woods	06	1705CST			0	0			Thunderstorm Wind (G52)
Haskell County									
Satanta	06	1715CST			0	0			Thunderstorm Wind (G52)
Finney County									
15 SW Garden City	06	1720CST			0	0			Hail (0.75)
Finney County									
15 SW Garden City	06	1720CST			0	0			Thunderstorm Wind (G61)
									Six inch diameter "dead" limbs broken along with smaller "live" limbs.
Seward County									
Hayne	06	1730CST			0	0	75K		Thunderstorm Wind
									Extensive damage to a mobile home. Power pole down. Pivot sprinkler overturned.
Gray County									
6 WNW Montezuma	06	1745CST			0	0			Thunderstorm Wind (G56) ^M
Gray County									
7 WSW Cimarron	06	1750CST			0	0	5K		Thunderstorm Wind
									Cattle shed moved and damaged and a fence was damaged from the flying debris.
Meade County									
3 S Fowler	06	1750CST			0	0			Thunderstorm Wind (G52)
Gray County									
Cimarron	06	1758CST			0	0			Thunderstorm Wind (G52)
									Reported by retired NWS employee.
Ford County									
Dodge City	06	1820CST			0	0	4K		Thunderstorm Wind
									Large marquis sign blown down and a temporary greenhouse overturned onto a car in west Dodge.
Ford County									
Dodge City Arpt	06	1826CST			0	0			Thunderstorm Wind (G53) ^M
									Backup wind equipment.
Barber County									
1 N Medicine Lodge	06	1938CST			0	0			Thunderstorm Wind (G60) ^M
Pratt County									
5 W Pratt	06	1948CST			0	0			Thunderstorm Wind (G56)
Stanton County									
2 SW Johnson	10	2000CST			0	0			Hail (0.75)
									Hail covered the ground.
Stanton County									
16 W Johnson	10	2000CST			0	0			Hail (0.75)
Hamilton County									
16 SE Syracuse	10	2010CST			0	0			Hail (0.75)
Hamilton County									
16 SE Syracuse	10	2010CST			0	0			Thunderstorm Wind (G61)
Stevens County									
11 NW Hugoton	10	2030CST			0	0			Thunderstorm Wind (G52)
Kearny County									
7 S Lakin	10	2032CST			0	0			Hail (1.00)
Morton County									
6 W Rolla	10	2035CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2001

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

KANSAS, Southwest

Kearny County

3 WSW Deerfield to 2 NNE Deerfield	10	2042CST 2049CST	5.1	150	0	0	150K		Tornado (F1)
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Two pivot sprinklers were damaged, a 24 x 36 foot shed was blown down and 30 homes had minor roof damage.

Kearny County

Lakin	10	2044CST			0	0			Hail (0.75)
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Kearny County

Lakin	10	2045CST			0	0			Hail (0.75)
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Morton County

Elkhart	10	2045CST			0	0			Hail (1.00)
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Morton County

Richfield	10	2045CST			0	0			Hail (1.00)
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Kearny County

8 S Lakin	10	2046CST			0	0			Hail (0.75)
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Morton County

1 NE Richfield	10	2048CST			0	0			Hail (0.75)
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Morton County

1 E Richfield	10	2048CST			0	0			Hail (0.75)
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Finney County

6 W Holcomb	10	2055CST			0	0			Hail (0.88)
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Kearny County

6 S Deerfield	10	2055CST			0	0			Hail (0.88)
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On the county line.

Stevens County

9 W Hugoton	10	2055CST			0	0			Thunderstorm Wind (G52)
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Finney County

Holcomb	10	2056CST			0	0			Thunderstorm Wind (G55) ^M
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Kearny County

Deerfield	10	2057CST			0	0			Hail (0.75)
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Grant County

8 W Ulysses	10	2100CST			0	0			Hail (0.88)
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Scott County

11 NNE Scott City	10	2103CST			0	0			Hail (1.00)
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Kearny County

6 S Deerfield	10	2107CST			0	0			Hail (0.88)
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Grant County

8 S Ulysses	10	2112CST			0	0			Hail (1.00)
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Stanton County

Johnson	10	2115CST			0	0			Hail (0.75)
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Trego County

Wakeeney	10	2115CST			0	0			Hail (0.75)
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Lane County

9 S Dighton	10	2120CST			0	0			Hail (0.75)
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Lane County

9 S Dighton	10	2120CST			0	0			Thunderstorm Wind (G52)
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Scott County

Shallow Water	10	2120CST			0	0			Hail (0.75)
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Also had 50 mph wind with the hail.

Morton County

Wilburton	10	2125CST			0	0			Hail (0.75)
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Grant County

Ulysses	10	2127CST			0	0			Thunderstorm Wind (G56) ^M
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Lane County

9 N Dighton	10	2130CST			0	0			Hail (0.75)
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Lane County

Shields	10	2130CST			0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>									
Morton County									
1 E Rolla	10	2130CST			0	0			Hail (0.75)
Stanton County									
11 SE Johnson	10	2130CST			0	0			Hail (1.75)
Stevens County									
11 W Hugoton	10	2134CST			0	0			Thunderstorm Wind (G52)
Kearny County									
Deerfield	10	2138CST			0	0			Hail (1.00)
Kearny County									
4 S Deerfield	10	2138CST			0	0			Hail (1.00)
KSZ088									
Clark	10	2200CST			0	0			High Wind (G52)
Gradient wind...reported in Ashland.									
Finney County									
5 S Garden City	10	2206CST 2211CST			0	0			Hail (0.75)
Trego County									
2 SE Riga to 2 ESE Riga	10	2208CST 2209CST	1.1	75	0	0			Tornado (F1)
Rapidly moving tornado moved into Ellis county at 2209. Several outbuildings were damaged.									
Ellis County									
2 W Ellis to 17 N Hays	10	2209CST 2230CST	19	300	0	0	150K		Tornado (F2)
Tornado moved in from Trego county at 2209 and moved into Rooks county at 2230. It took out 50 power poles in Ellis county and damaged 13 farms. Roofs were removed on several homes and there was extensive damage done to several outbuildings and trailers. Two semis were overturned on I-70 west of Ellis causing several minor injuries. Reports of the infamous "roar" were noted in the Ellis community.									
Trego County									
Trego Center	10	2215CST			0	0			Hail (0.88)
Ford County									
Dodge City Arpt	10	2230CST			0	0			Thunderstorm Wind (G50) ^M
Backup wind equipment.									
Meade County									
Meade	10	2300CST			0	0			Thunderstorm Wind (G52)
Stanton County									
Johnson	10	2305CST			0	0			Hail (0.75)
Ford County									
20 S Howell to 5 SSW Dodge City Arpt	10	2310CST 2324CST	17.3	380	0	0	190K		Tornado (F2)
A mobile home was completely demolished. Ironically, the occupants were not at home, only because the school activity bus was late. Another trailer nearby received moderate damage. Two pivot sprinklers were destroyed and there was other scattered minor damage along the path of the tornado.									
Ellis County									
9 W Hays	10	2316CST			0	0			Thunderstorm Wind (G60) ^M
Hodgeman County									
14 SSE Hanston	10	2325CST			0	0			Thunderstorm Wind (G52)
Clark County									
2 S Minneola	10	2327CST			0	0			Thunderstorm Wind (G65) ^M
Ford County									
1 SW Kingsdown to 2 E Ford	10	2339CST 2347CST	10	200	0	0	425K		Tornado (F2)
Eight pivot sprinklers were destroyed along with a barn and silo.									
Pawnee County									
4 E Burdett	10	2345CST			0	0			Hail (0.75)
Ford County									
4 E Ford to 4 SE Windthorst	10	2348CST 2354CST	9.6	150	0	0	165K		Tornado (F1)
Three pivot sprinklers were destroyed along with a grain bin.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>KANSAS, Southwest</u>									
Pawnee County									
4 E Burdett	10	2355CST			0	0			Hail (0.75)
Edwards County									
4 SE Offerle to 1 N Kinsley	10 11	2357CST 0005CST	7.4	100	0	0			Tornado (F0)
Roof damage to one home. Five inch tree limbs broken.									
Clark County									
13 ESE Ashland	11	0012CST			0	0			Thunderstorm Wind (G65)
Comanche County									
2 W Protection	11	0021CST			0	0			Hail (1.00)
Comanche County									
Protection	11	0025CST			0	0			Hail (2.75)
Kiowa County									
4 W Haviland	11	0045CST			0	0	40K		Thunderstorm Wind
100 year old cedar tree was uprooted.									
KSZ031-044-061-061- 061>063-063-066-074- 074>075-077-081-081- 084>088									
	11	0900CST 1648CST			0	0	173K		High Wind (G102) ^M
Kiowa County									
Mullinville	14	1551CST			0	0			Hail (0.88)
Kiowa County									
2 WNW Greensburg	14	1556CST			0	0			Hail (0.75)
Barber County									
1 SW Hazelton	14	1605CST			0	0			Thunderstorm Wind (G52)
1 1/2 inch branches broken									
Kiowa County									
2 WNW Greensburg	14	1606CST			0	0			Hail (1.75)
Pawnee County									
Garfield	14	1615CST			0	0			Hail (1.25)
Kiowa County									
3 WNW Haviland	14	1624CST			0	0			Hail (1.25)
Pawnee County									
4 S Larned	14	1636CST			0	0			Hail (2.00)
Kiowa County									
Haviland	14	1639CST			0	0			Hail (2.75)
Kiowa County									
3 WNW Haviland	14	1640CST			0	0			Hail (1.75)
Pawnee County									
7 SE Larned	14	1645CST			0	0			Hail (1.75)
Pratt County									
2 NW Cullison	14	1645CST			0	0			Hail (0.75)
Pratt County									
12 NW Pratt	14	1647CST			0	0			Hail (1.00)
Pratt County									
11 NW Pratt	14	1648CST			0	0			Hail (0.75)
Pratt County									
5 W Pratt	14	1650CST			0	0			Hail (0.88)
Pratt County									
8 W Pratt	14	1655CST			0	0			Hail (1.75)
Stafford County									
6 S Radium	14	1655CST			0	0			Hail (1.75)
Pratt County									
7 WNW Pratt	14	1657CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>									
Pratt County									
Pratt	14	1657CST			0	0			Hail (1.00)
Pratt County									
10 NW Pratt	14	1657CST			0	0			Hail (1.00)
									Hail covered the ground
Pratt County									
1 NW Pratt	14	1657CST			0	0			Hail (1.00)
Stafford County									
Hudson	14	1700CST			0	0			Hail (2.50)
Pratt County									
4 SE Pratt	14	1705CST 1715CST			0	0			Hail (4.50)
									Softball size hail lasted 10 minutes
Pratt County									
Pratt	14	1707CST			0	0			Hail (1.25)
Stafford County									
Hudson	14	1708CST			0	0			Hail (1.75)
Stafford County									
Hudson	14	1711CST			0	0			Hail (2.00)
Pratt County									
8 SE Pratt to 15 ESE Pratt	14	1725CST 1741CST	7.5	800	0	0			Tornado (F2)
									Shed destroyed, combine moved, 2 pivot sprinklers destroyed, grain silo destroyed and power poles knocked down.
Pratt County									
Cairo	14	1730CST			0	0			Hail (1.00)
Pratt County									
Cairo	14	1731CST			0	0			Hail (1.75)
Pratt County									
10 ENE Pratt	14	1733CST			0	0			Hail (1.00)
Pratt County									
2 E Cullison	14	1740CST			0	0			Hail (1.00)
Scott County									
9 NNE Manning	14	1848CST			0	0			Hail (1.00)
Lane County									
Shields	14	1911CST			0	0			Thunderstorm Wind (G52)
Edwards County									
1 NE Trousdale	14	1948CST			0	0			Hail (0.75)
Pratt County									
1 NE Byers	14	2000CST			0	0			Hail (1.00)
Stafford County									
11 SSE St John	14	2005CST			0	0			Hail (1.00)
Kiowa County									
9 SSE Haviland	14	2020CST			0	0			Hail (2.00)
Pratt County									
13 SW Pratt	14	2026CST			0	0			Hail (1.75)
Pratt County									
12 SW Pratt	14	2031CST			0	0			Hail (1.75)
Pratt County									
12 SSW Pratt	14	2038CST			0	0			Hail (2.00)
Pratt County									
Sawyer	14	2049CST			0	0			Hail (1.00)
KSZ031									
Ellis	20	1235CST			0	0			High Wind (G52) ^M
									Heat burst produced a 60 mph gust at the Hays airport.
Hamilton County									
Syracuse	20	1548CST			0	0			Dry Microburst

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>									
Hamilton County									
20 NW Syracuse	20	1554CST			0	0			Dry Microburst
Scott County									
Scott City	20	1645CST			0	0			Dry Microburst
Lane County									
Dighton	20	1650CST			0	0			Dry Microburst
Severe microburst, roof damage, signs, fences, few trees uprooted, several pivot sprinklers destroyed, vehicle blown off the road and several power poles down.									
Lane County									
Shields	20	1652CST			0	0			Dry Microburst
Trego County									
10 SW Collyer	20	1715CST			0	0			Dry Microburst
Ness County									
Ransom	20	1725CST			0	0			Dry Microburst
Ellis County									
Ellis	20	1740CST			0	0			Thunderstorm Wind (G61)
Ellis County									
2 W Ellis	20	1749CST			0	0	30K		Thunderstorm Wind
Two semis overturned on I70									
Rush County									
Liebenthal	20	1755CST			0	0			Thunderstorm Wind (G52)
Ellis County									
Yocemento	20	1806CST			0	0			Hail (0.75)
Rush County									
Otis	20	1842CST			0	0			Hail (0.75)
Scott County									
10 S Scott City	20	1856CST			0	0	4K		Thunderstorm Wind
Power poles blown down. Cars into the ditch									
Pawnee County									
13 WNW Larned	20	1910CST			0	0			Hail (0.75)
Pawnee County									
2 NW Burdett	21	1800CST 1801CST	0.4	30	0	0			Tornado (F0)
Brief									
Hodgeman County									
4 NW Hanston	21	1810CST			0	0			Hail (1.75)
Rush County									
Rush Center	21	1815CST			0	0			Hail (0.75)
Hodgeman County									
7 NE Hanston	21	1822CST			0	0			Hail (1.00)
Report was for 4w Burdett									
Pawnee County									
Burdett	21	1822CST			0	0			Hail (1.00)
Rush County									
Rush Center	21	1830CST			0	0			Hail (1.00)
Rush County									
7 SSE Rush Center	21	1830CST 1834CST	1.5	75	0	0			Tornado (F0)
Weak tornado									
Rush County									
8 SE Rush Center	21	1840CST 1844CST	1.5	100	0	0	200K		Tornado (F2)
Two farms received heavy damage (grain bins, roofs, shed and vehicle)									
Rush County									
1 E Rush Center	21	1845CST			0	0			Hail (1.00)
Rush County									
Bison	21	1903CST			0	0			Hail (1.75)
Baseball hail reported in the vicinity									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>									
Trego County									
1 E Riga	21	1904CST	0.2	50	0	0			Tornado (F0)
									Lasted 30 seconds. Semi overturned.
Ellis County									
4 NW Hays	21	1905CST			0	0			Hail (0.75)
Rush County									
3 SE Rush Center to 3 W Timken	21	1907CST 1912CST	2.2	75	0	0			Tornado (F0)
									Stayed away from objects/things
Rush County									
Rush Center	21	1940CST			0	0			Hail (1.00)
Hodgeman County									
6 NE Hanston	21	1948CST			0	0			Hail (2.50)
									report was for 5W burdett
Rush County									
1 NW Hargrave	21	2000CST	0.3	50	0	0			Tornado (F0)
									Brief,less than 30 seconds
Rush County									
5 SE Loretta	21	2000CST			0	0			Thunderstorm Wind (G52)
Haskell County									
5 E Sublette	21	2010CST			0	0			Hail (0.75)
Rush County									
4 N Hargrave	21	2015CST			0	0			Hail (1.75)
Rush County									
19 WNW La Crosse	21	2015CST			0	0			Hail (0.88)
Gray County									
Copeland	21	2027CST			0	0			Hail (0.88)
Ellis County									
Antonino	21	2038CST			0	0			Hail (1.00)
Haskell County									
18 NNE Sublette	21	2100CST			0	0			Thunderstorm Wind (G61)
Seward County									
1.5 E Liberal	21	2147CST			0	0			Hail (0.88)
Seward County									
8 N Liberal	21	2200CST			0	0			Hail (0.88)
Meade County									
8 N Plains	21	2215CST			0	0			Thunderstorm Wind (G52)
Morton County									
9 NW Richfield	22	0635CST			0	0			Hail (0.75)
Hamilton County									
Syracuse	22	0645CST			0	0			Hail (0.88)
Hamilton County									
6 S Syracuse	22	0700CST			0	0			Hail (0.75)
Stanton County									
4 WNW Johnson	22	0700CST			0	0			Hail (0.75)
Grant County									
8 NNW Ulysses	22	0830CST			0	0			Hail (0.75)
Kearny County									
6 ESE Lakin	22	0845CST			0	0			Hail (0.75)
Finney County									
10 N Holcomb	22	0850CST			0	0			Hail (0.75)
Finney County									
10 N Holcomb	22	0850CST			0	0			Thunderstorm Wind (G60)
									Three inch limbs blown down
Scott County									
Shallow Water	22	0910CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2001

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

Scott County									
10 NE Scott City	22	0938CST			0	0			Thunderstorm Wind (G62)
Lane County									
16 SW Dighton	22	0940CST			0	0			Hail (0.75)
Barber County									
8 WNW Medicine Lod	22	1300CST			0	0			Hail (0.75)
Pratt County									
1 S Sawyer	22	1311CST			0	0			Hail (0.75)
Kiowa County									
6 NNW Greensburg	22	1330CST			0	0	5K		Thunderstorm Wind
Roof blown off a modular home under construction									
Pratt County									
4 SE Pratt	22	1330CST			0	0			Hail (0.75)
Hamilton County									
17 N Syracuse	29	1415CST			0	0			Hail (1.00)
Hail covered the ground									
Scott County									
Scott City	29	1520CST			0	0			Thunderstorm Wind (G59) ^M
LAWRS report									
Hamilton County									
5 WNW Syracuse	29	1630CST			0	0			Thunderstorm Wind (G61)
Kearny County									
19 NNE Lakin	29	1730CST			0	0			Thunderstorm Wind (G51) ^M
Kearny County									
17 W Lakin	29	1815CST			0	0			Hail (0.75)
Kearny County									
13 NNW Lakin	29	1815CST			0	0			Hail (0.75)
Kearny County									
14 N Lakin	29	1815CST			0	0			Hail (0.75)
Kearny County									
19 NNE Lakin	29	1830CST			0	0			Hail (0.75)
Finney County									
5 W Holcomb	29	1845CST			0	0			Hail (1.00)
Kearny County									
5 N Deerfield	29	1845CST			0	0			Hail (1.00)
Ellis County									
10 SW Hays	29	1945CST			0	0			Thunderstorm Wind (G61)
Finney County									
11 NW Kalvesta	29	1945CST			0	0			Hail (0.88)
Comanche County									
11 E Coldwater	30	1745CST			0	0			Hail (0.75)
Hail covered the ground									
Kiowa County									
6 S Greensburg	30	1804CST			0	0			Hail (1.00)
Edwards County									
12 SSW Belpre	30	1810CST			0	0			Hail (0.75)
Comanche County									
12 SE Coldwater	30	1815CST			0	0			Hail (1.75)
Stafford County									
St John	30	1825CST			0	0			Hail (0.88)
1835CST									
lasted 10 minutes									
Comanche County									
12 SE Coldwater	30	1842CST			0	0			Hail (1.25)
Stafford County									
St John	30	1846CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 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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KANSAS, Southwest

Stafford County

1 NW St John	30	1908CST			0	0			Hail (1.75)
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Pratt County

5 W Cullison	30	1910CST			0	0			Hail (0.75)
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Comanche County

5 NW Wilmore	30	1926CST			0	0			Hail (1.75)
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Kiowa County

15 S Greensburg	30	1930CST			0	0			Hail (1.75)
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Comanche County

2 S Wilmore	30	2003CST			0	0			Hail (1.00)
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Comanche County

12 SE Coldwater	30	2230CST			0	0			Flash Flood
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Water was over 3 county roads. Also, minor basement flooding was reported.

KENTUCKY, Central

Jefferson County

5 NE Louisville	10	1630EST			0	0			Hail (0.88)
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Jefferson County

Middletown	10	1710EST			0	0			Hail (1.75)
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Franklin County

Frankfort	10	1805EST			0	0			Hail (0.75)
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Woodford County

Midway	10	1813EST			0	0			Hail (1.00)
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Fayette County

Lexington	10	1845EST			0	0			Hail (0.75)
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Bourbon County

Hutchison	10	1915EST			0	0			Tstm Wind/Hail
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Trees were downed by thunderstorm winds. Three quarter inch (0.75) hail was also reported.

Bourbon County

Ruddels Mills	10	2115EST			0	0			Hail (1.00)
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KENTUCKY, Eastern

Bath County

Sharpsburg	10	1429EST			0	0	0	0	Hail (1.75)
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Morgan County

West Liberty	10	1520EST			0	0	0	0	Hail (1.00)
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1 inch diameter hail accumulated to two inches on the ground in downtown West Liberty.

Johnson County

Staffordsville	10	1540EST			0	0	0	0	Hail (1.25)
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Johnson County

Hagerhill	10	1541EST			0	0	0	0	Hail (0.75)
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Johnson County

Van Lear Jet	10	1545EST			0	0	0	0	Hail (0.75)
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Magoffin County

1 NW Salyersville	10	1550EST			0	0	0	0	Hail (1.00)
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Martin County

Davisport	10	1618EST			0	0	0	0	Hail (0.75)
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KYZ088

Harlan

17		0500EST			0	0	0	0	Heavy Snow
18		0900EST			0	0	0	0	

A powerful upper level late season storm brought snow across eastern Kentucky. Light snow showers put a wintery feel to the area. Accumulations were minor with the heaviest snow accumulating only at the highest elevations. 3 to 5 inches of snow was reported on Black Mountain, Pine Mountain and in Closplint all in Harlan County. Once the snow showers moved east of the area, freezing temperatures settled in for the overnight hours damaging much of the new spring plant growth.

KENTUCKY, Northeast

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

April 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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KENTUCKY, Northern

Boone County

Big Bone	06	1725EST 1728EST			0	0	2K		Thunderstorm Wind (G50)
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A few large limbs were knocked down.

Campbell County

Melbourne	06	1730EST 1734EST			0	0			Hail (0.75)
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Grant County

Dry Ridge	10	1642EST 1645EST			0	0			Hail (0.75)
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Owen County

Perry Park	10	2000EST 2004EST			0	0	5K		Thunderstorm Wind (G52)
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A thunderstorm produced strong winds which lifted up a police cruiser. Dime size hail also occurred.

KENTUCKY, Southwest

Graves County

1 S Mayfield	03	1645CST			0	0			Hail (0.75)
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Calloway County

1 W Hazel	03	1713CST			0	0			Hail (0.75)
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McLean County

4 SW Livermore	10	1708CST 1710CST			0	0	125K		Thunderstorm Wind (G70)
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A short-lived downburst affected a small area 1 to 3 miles west of U.S. Highway 431 near the community of Island. About a dozen farm buildings sustained varying degrees of damage, ranging from minor to severe. A barn was blown several feet off its foundation, a tool shed was blown down, and a hog house was unroofed. Three residences received minor damage. Trees were blown down.

KYZ001>022

Fulton - Hickman - Carlisle - Ballard - Mccracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Union - Webster - Hopkins - Christian - Henderson - Daviess - Mclean - Muhlenberg - Todd

18	0400CST 0700CST				0	0			Frost
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An unusually late frost damaged unprotected crops and gardens. The low temperature at Paducah was 29 degrees, a record for the date. Strawberries were the most severely affected crop. About 80 percent of the unprotected strawberries were ruined. Peaches and nectarines suffered slight damage. Apples sustained slight to heavy damage, depending on the variety.

Ballard County

Wickliffe to La Center	23	1255CST 1305CST			0	0			Thunderstorm Wind (G50)
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A few trees were blown down, including two in La Center and one in Wickliffe.

Hickman County

Clinton	23	1300CST			0	0	4K		Thunderstorm Wind (G52)
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Trees and power lines were blown down.

Mccracken County

Paducah	23	1313CST 1318CST			0	0	25K		Thunderstorm Wind (G52) ^M
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Numerous tree limbs were blown down, causing scattered power outages. At least 8 streets were blocked by fallen trees or power lines. A tree limb about 9 inches in diameter brought power lines down across U.S. Highway 62 just west of I-24. Route 62 was closed for about an hour. The storm produced 60 MPH wind at a sensor maintained by the Paducah Power System.

Marshall County

Sharpe to Calvert City	23	1347CST 1350CST			0	0			Thunderstorm Wind (G57) ^M
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A wind gust to 66 MPH was measured by an off-duty meteorologist near the Interstate 24 interchange with the Purchase Parkway. Trees were blown down near Calvert City and Gilbertsville. On U.S. Highway 68 near Sharpe, at least three utility poles were down, and two other poles had broken crossarms.

Mccracken County

2 E Lone Oak	23	1400CST			0	0	20K		Lightning
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An unoccupied house was destroyed by a fire started by a lightning strike.

Storm Data and Unusual Weather Phenomena

April 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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KENTUCKY, Southwest

Daviess County

1 W Owensboro	23	1454CST			0	0	2K		Thunderstorm Wind (G52)
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Two utility poles were blown down on Highway 56.

LOUISIANA, Northeast

Concordia Parish

Countywide	14	1350CST			0	0	5K		Thunderstorm Wind
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Several trees and power lines were blown down in various portions of the parish.

Morehouse Parish

Bastrop	23	1530CST 1730CST			0	0	20K		Flash Flood
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A thunderstorm dropped up to 3.5 inches of rain over downtown Bastrop in about an hour. Flooding of local businesses occurred, including significant flooding to the Bastrop Daily Enterprise building.

LOUISIANA, Northwest

Bienville Parish

2 S Castor	15	1310CST			0	0			Hail (0.75)
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Winn Parish

5 SE Winnfield	15	1320CST			0	0			Thunderstorm Wind (G52)
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Trees were blown down across Hwy 84.

Grant Parish

Williana	15	1330CST			0	0			Hail (0.75)
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Grant Parish

5 N Pollock	15	1400CST			0	0			Hail (1.00)
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La Salle Parish

Olla	15	1400CST			0	0			Thunderstorm Wind (G52)
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Trees were blown down across Hwy 165.

LOUISIANA, Southeast

NONE REPORTED.

LOUISIANA, Southwest

Acadia Parish

Rayne	16	0200CST			0	0	10K		Thunderstorm Wind
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A large 100 year old oak tree toppled onto a unoccupied parked car, destroying it.

MAINE, North

MEZ017

Interior Washington

18		0600EST 2000EST			0	0			Winter Storm
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A late season storm produced 5 to 9 inches of snow across portions of extreme Downeast Maine.

MAINE, South

MEZ007>009-012>014-018>028

Northern Oxford - Northern Franklin - Central Somerset - Southern Oxford - Southern Franklin - Southern Somerset - Interior York - Interior Cumberland - Androscoggin - Kennebec - Interior Waldo - Coastal York - Coastal Cumberland - Sagadahoc - Lincoln - Knox - Coastal Waldo

01		0000EST			0	0			Accumulated Snowfall
15		2359EST							

The weight of snow and mixed precipitation that fell during March and early April caused numerous buildings to collapse throughout western Maine through mid April. Although most of the accumulating snow ended across the state in late March, problems with building collapses continued into mid April as the snow melted.

MEZ014-020

Southern Somerset - Androscoggin

24		0500EST			0	0			Flood
26		0215EST							

Temperatures in the 60s and 70s caused the deep snowpack to melt rapidly which resulted in minor flooding of the Androscoggin and Kennebec Rivers. At Auburn, the Androscoggin River rose above the 13 foot flood stage from 10:15 am on the 25th until 3:15 am on the 26th and reached a crest of 13.2 feet at 2:45 pm on the 25th. The Kennebec River at Skowhegan was above the 35,000 cfs flood flow from 6:00 am on the 24th until 8:00 pm on the 25th and reached a maximum flow of 38500 cfs at 11 am on the 25th.

Oxford County

Roxbury	24	1815EST 2200EST			0	0			Flood
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Temperatures in the 60s and 70s caused the deep snowpack to melt rapidly which resulted in minor flooding of the Swift River at

Storm Data and Unusual Weather Phenomena

April 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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MAINE, South

Roxbury.

MARYLAND, Central

Frederick County

Countywide	09	1840EST			0	0	6K		Thunderstorm Wind
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Twelve trees were downed.

Washington County

Countywide	09	1840EST			0	0	5K		Thunderstorm Wind
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Scattered trees were downed.

Carroll County

Pleasant Vly	09	1858EST			0	0	5K		Thunderstorm Wind
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Trees were downed across roads.

Baltimore County

Countywide	09	1915EST			0	0	5K		Thunderstorm Wind
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Scattered trees were downed.

Harford County

Countywide	09	1920EST			0	0	5K		Thunderstorm Wind
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Scattered trees were downed.

Montgomery County

Rockville	09	1945EST			0	0	5K		Thunderstorm Wind (G54) ^M
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A tree was downed onto a shed by a wind gust of 63 MPH.

A cold front across the region on the 9th became the focus for evening thunderstorms. Some storms produced winds in excess of 58 MPH and small hail. In Allegany County, pea sized hail fell in Westernport. In Washington County, scattered trees were downed. Winds gusted to 55 MPH just northeast of Smithsburg where small hail fell and 47 MPH in Hagerstown. In Frederick County, twelve trees were downed. A wind gust of 53 MPH was recorded in Middletown. In Montgomery County, a wind gust of 43 MPH was recorded in Chevy Chase. In Rockville, a wind gust of 63 MPH downed a tree onto a shed. In Carroll County, downed trees blocked roads in Pleasant Valley. Wind gusts included 52 MPH at Millers and 45 MPH in Westminster. In Baltimore County, winds gusted to 51 MPH in Parkton, 49 MPH in Brooklyn, and 44 MPH at Owings Mills. Scattered trees were downed across the county. In Anne Arundel County, a wind gust of 49 MPH was reported at Baltimore/Washington International Airport. In Harford County, scattered trees were downed.

MDZ002>007-

009>010-013>014-016>018

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

19	0200EST				0	0			Unseasonably Cold
	0600EST								

High pressure over the Mid Atlantic region created calm winds and clear skies during the early morning hours of the 19th. These conditions in combination with a chilly airmass in place allowed temperatures to plummet into the mid 20s to lower 30s between 3 and 7 AM EDT. This resulted in a hard freeze which unfortunately was preceded by unseasonably warm weather which had caused many plants to bloom early. Homeowners and nurseries with outdoor vegetation reported losses.

MARYLAND, Northeast

Cecil County

Conowingo to Cowentown	09	1915EST			0	0	0		Thunderstorm Wind (G52)
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A line of severe thunderstorms knocked down numerous trees and power lines across the northern tier of Cecil County. The worst damage was reported in Conowingo, Rising Sun and the north side of Elkton.

Kent County

Coleman to Golts	09	1940EST			0	0	0		Thunderstorm Wind (G52)
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A line of severe thunderstorms knocked down several trees and power lines across the northern half of Kent County. One tree fell on and damaged a home near Golts. Downed trees blocked one road around Galena.

MDZ008-012-015-

019>020

Cecil - Kent - Queen Annes - Talbot - Caroline

30	2359EST				0	0	0		Unseasonably Dry
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April 2001 was an unseasonably dry month for the Maryland Eastern Shore, especially during the second half of the month when very little rain fell. On a county weighted average, April monthly rainfall totals ranged from 1.5 inches in Queen Anne's County to 2.0 inches in Cecil County. This was about 50 percent of normal and most of the precipitation fell prior to April 14th. In addition to raising the fire danger, the unseasonably dry weather, if it persists, will threaten the growing season.

MARYLAND, South

Wicomico County

Salisbury	09	2324EST			0	0	10K		Lightning
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Lightning strike caused a fire to a chicken house.

Storm Data and Unusual Weather Phenomena

April 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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MARYLAND, South

MARYLAND, West

Garrett County

Oakland	09	1847EST			0	0	125K		Hail (1.00)
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MASSACHUSETTS, Central and East

Bristol County

South Dartmouth	01	0000EST 0930EST			0	0			Flood
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Paskamanset River

MAZ005-013

Western Middlesex - Western Norfolk

01	0000EST				0	0			Flood
09	1300EST								

Concord, Assabet, and Sudbury Rivers

Flooding from the end of March continued on several slower-responding rivers into early April. While minor lowland flooding occurred on the mainstem Charles, Concord, Assabet, and Sudbury Rivers, more serious flooding affected the Paskamanset River in southern Bristol County. Several roads were flooded near South Dartmouth and New Bedford. An estimate of flood damage was not available.

Hampshire County

Chesterfield	08	0530EST			0	0	125K		Lightning
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A house was struck by lightning during an early morning thunderstorm, and burned to the ground. Nothing was salvaged from the house, but a deep snow pack around the remote home helped to contain the fire to the house, according to local fire officials.

MAZ010

Eastern Hampshire

14	2020EST				0	0			Flood
16	1931EST								

Connecticut River

Minor flooding occurred along the Connecticut River near Northampton. Above normal temperatures produced rapid snow melt, and combined with heavy rainfall in the headwaters to bring the Connecticut into flood. At Northampton, the river crested at 112.4 feet at 1045 am on April 15th (flood stage is 112 feet). Flooding was limited to many riverside roadways and farmland, and no significant flood damage was reported.

MAZ003-010>011

Eastern Franklin - Eastern Hampshire - Eastern Hampden

22	2109EST				0	0			Flood
29	0700EST								

Connecticut River

Additional rainfall and snow melt brought the Connecticut River back into a minor flood. At Montague, the river crested at 30.6 feet at 2 am on April 24th (flood stage is 28 feet); at Northampton, a crest of 114.3 feet occurred at 8 am on April 24th (flood stage is 112 feet). Flooding was confined to riverside roads and farmland, and no significant flood damage was reported.

MAZ012

Southern Worcester

24	0000EST 2359EST				0	0			Record Heat
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Worcester Regional Airport

The high temperature of 80 degrees at Worcester Regional Airport (which occurred around 1 pm) broke the previous record high for the date, which was 79 degrees set in 1942.

MASSACHUSETTS, West

NONE REPORTED.

MICHIGAN, East

MIZ068

Livingston

01	0400EST 1200EST				0	0	4K		Snow
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A complex low pressure system moved east across lower Michigan during the morning. Precipitation fell as a mix of rain and snow, and was generally light. Livingston County was an exception, seeing both heavier precipitation and almost all snow. By afternoon, up to 3 inches had fallen in and near Howell. The April Fools Day snow collapsed several tents at Howell High School, where a home show was in progress. Numerous accidents were reported in the Brighton area.

Livingston County

Brighton	06	0651EST			0	0	3K		Lightning
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Lightning struck the chimney of a Brighton home, damaging moldings, drywall, and carpeting. A computer in the home also received electrical damage.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MICHIGAN, East</u>									
Oakland County									
4 SE Ortonville	07	0230EST			0	0	10K		Lightning
Lightning struck a satellite dish outside a Brandon Township residence. The strike followed the outside wiring and entered the home. A fire resulted, and the contents of the basement were lost.									
Monroe County									
Luna Pier	07	1712EST			0	0			Hail (0.75)
A few thunderstorms developed along the Lake Erie shoreline late in the afternoon. One of these produced penny sized hail in Luna Pier, just before moving out over the lake.									
Genesee County									
Fenton	09	0746EST			0	0			Hail (0.75)
Lenawee County									
4 N Adrian to Adrian	09	0905EST 0911EST			0	0			Hail (1.25)
Washtenaw County									
Manchester	09	0911EST			0	0			Hail (1.75)
Washtenaw County									
3 N Dexter	09	0915EST			0	0			Hail (0.75)
Washtenaw County									
Saline	09	0922EST 0927EST			0	0			Hail (1.75)
Monroe County									
Cone	09	0925EST			0	0			Hail (1.75)
Washtenaw County									
Ann Arbor to Ypsilanti	09	0930EST 0940EST			0	0			Hail (1.75)
Washtenaw County									
Salem	09	0945EST			0	0			Hail (0.75)
Wayne County									
Belleville	09	0945EST 0950EST			0	0			Hail (3.50)



Hailstone photo courtesy of spotter in Belleville.

Wayne County									
Dearborn	09	1000EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 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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MICHIGAN, East

Macomb County

Warren 09 1028EST 0 0 Hail (0.75)

Oakland County

Southfield 09 1035EST 0 0 Hail (0.75)

Macomb County

Roseville 09 1045EST 0 0 Hail (0.75)

A stationary front lay west-to-east across northern Indiana and Ohio. Temperatures north of the front in southeast Michigan were only in the 40s. Despite this, warm moist air poured into the region aloft, providing a source of elevated instability. A cluster of showers and thunderstorms strengthened as it moved east into southeast Michigan during the morning. A number of these produced large hail, making for an unusually chilly severe weather episode.

Lenawee County

2 W Rome Center 10 0230EST 0 0 Hail (0.75)

Like the day before, a front was nearly stationary across Indiana and Ohio. Again, enough instability was found aloft for thunderstorm development, though the environment was more favorable for storms to the south and west of southeast Michigan. A storm developed in Hillsdale County, Michigan toward 3 am EDT. The storm tended to weaken as it moved into Lenawee County, but not before producing dime sized hail in the western part of the county.

MIZ062-076-083

Lapeer - Wayne - Monroe

12 0400EST 0 0 89K High Wind (G53) ^M

MIZ063-069>070-075-082

St. Clair - Oakland - Macomb - Washtenaw - Lenawee

12 0400EST 0 1 1.0M Wind

A strong cold front moved across southeast Michigan in the morning. Strong winds were observed across much of the area after the front went through. In a few spots, the winds reached high wind criteria:

Willow Run Airport measured a 61 mph wind gust.

Several communications towers were blown down in Monroe County.

Several trees and a large barn were destroyed on a farm near Almont.

Across the rest of southeast Michigan, most of the damage comprised of isolated trees, large limbs, and power lines being downed, as winds gusted around 50 mph at times. An indirect fatality occurred in Detroit, where a 9 year old boy came in contact with a fallen power line, and was electrocuted. In Ann Arbor, a 7 year old boy suffered minor injuries when a soccer net was blown over onto his head. The Detroit Lions practice dome in Pontiac collapsed in the strong winds. In Lake Orion, a tree downed at a dealership damaged or destroyed 8 new cars. Nearby in Oxford, a cinder block wall inside a school bus garage was toppled, and shingles were blown off a school roof. A freeway sign was downed onto 11 Mile Road in Royal Oak. In Warren, a golf dome was destroyed. An apartment complex in Chesterfield Township (Macomb County) saw a brick facade sheared off; the bricks landed on a row of gas meters, and the building was evacuated until the gas could be shut off. In Port Huron, a large sign was torn off the roof of a business, landing on a car parked outside. Near Dundee, a boat being towed behind a car was blown over.

MIZ068-075

Livingston - Washtenaw

17 0600EST 0 0 Snow

Strong low pressure along the east coast ushered in unseasonably cold air into the Great Lakes region. An upper level disturbance triggered light snow during the early morning hours. A band of heavier snow set up over parts of Livingston and Washtenaw Counties, producing a quick inch of icy accumulation, just in time for the morning commute. A number of accidents occurred, including several rollovers. There were several minor injuries, indirectly attributed to the snowy conditions.

Shiawassee County

Owosso 23 1605EST 0 0 6K Thunderstorm Wind (G52)

Trees and power lines were downed.

Saginaw County

Saginaw 23 1610EST 0 0 5K Thunderstorm Wind (G52)

Trees were downed.

Genesee County

Flint 23 1630EST 0 0 Thunderstorm Wind (G53)^M

A spotter measured a 61 mph wind gust at Atherton and Fenton.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>MICHIGAN, East</u>							
Tuscola County							
Vassar	23	1640EST			0 0	1K	Thunderstorm Wind (G50)
			Shingles were torn off a barn roof.				
Huron County							
Bad Axe	23	1710EST			0 0	2.5K	Thunderstorm Wind (G50)
			A large Big Boy sign was toppled.				
Washtenaw County							
Ann Arbor	23	1745EST			0 0	10K	Thunderstorm Wind (G52)
			A tree and several large limbs were downed onto State Street, landing on two cars.				
Wayne County							
Willow Run Arpt	23	1749EST			0 0		Thunderstorm Wind (G52) ^M
			60 mph gust was measured at Willow Run Airport.				
Washtenaw County							
2 NW Salem	23	1755EST			0 0	35K	Thunderstorm Wind (G55)
			A mobile home was overturned.				
Oakland County							
4.5 W Pontiac	23	1805EST			0 0	5K	Thunderstorm Wind (G52)
			Trees limbs were downed, fencing destroyed, and windows of a home were damaged near Elizabeth Lake and Cooley Lake in Waterford.				
Wayne County							
Redford	23	1806EST			0 0		Thunderstorm Wind (G56) ^M
			A spotter in Redford measured a 65 mph gust.				
Oakland County							
Rochester Hills	23	1815EST			0 0	6K	Thunderstorm Wind (G52)
			A carport was destroyed, and power lines were downed.				
Macomb County							
Washington	23	1825EST			0 0	3K	Thunderstorm Wind (G50)
			Power lines were blown down.				
Midland County							
Coleman	23	1834EST			0 0	4K	Thunderstorm Wind (G55)
			A garage door and some windows were blown out of an EMS center.				
			A strong low pressure system moved northeast across the northern Great Lakes. The low pushed a cold front into southeast Michigan in the evening. Thunderstorms ignited ahead of the cold front, and several became severe, producing sporadic wind damage.				

MICHIGAN, Extreme Southwest

NONE REPORTED.

MICHIGAN, North

Montmorency County

Countywide	11	2320EST			0 0		Flash Flood
	12	2320EST					

Water covering many secondary roads.

Roscommon County

Houghton Lake	12	0026EST			0 0		Hail (0.75)
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Roscommon County

Houghton Lake	12	0026EST			0 0		Thunderstorm Wind (G50)
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Several large trees down.

A nearly stationary warm front extended across southern lower Michigan during the evening hours of the 11th into the overnight hours of the 12th. Several small lines of thunderstorms developed ahead of this boundary, with a few of the storms producing severe wind gusts, severe hail, and torrential rainfall.

Chippewa County

South Central Portion	12	0700EST			0 0		Flood
	13	0800EST					

Grand Traverse County

North Central Portion	12	0700EST			0 0		Flood
	16	0800EST					

Storm Data and Unusual Weather Phenomena

April 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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MICHIGAN, North

Kalkaska County

Countywide	12	0700EST			0	0			Flood
	16	0800EST							

Mackinac County

Central Portion	12	0700EST			0	0			Flood
	13	0800EST							

Manistee County

Countywide	12	0700EST			0	0			Flood
	18	0800EST							

Wexford County

Countywide	12	0700EST			0	0			Flood
	16	0800EST							

Oscoda County

Countywide	12	0800EST			0	0			Flood
	13	0800EST							

A combination of runoff from snowmelt and rainfall resulted in minor flooding primarily along the Pine River in the Upper Peninsula. Heavy rainfall was responsible for high water on the Manistee, Au Sable, Boardman, and Thunder Bay Rivers. No damage was reported though flood waters did rise onto some private property. Primarily, the water rose into yards and did not damage any structures.

MIZ008

Chippewa

16	1440EST				0	0			Heavy Snow
	1900EST								

Low pressure moved south from Canada across the Great Lakes region during the day on the 16th. Unseasonably cold air wrapped into this system from the north, creating an area of heavy snowfall across eastern Upper Michigan. The snowfall began early in the morning on the 16th and continued into the evening hours. By 8 pm, 12 hour snowfall totals of 8 to 11 inches were common across eastern Chippewa county.

Gladwin County

Gladwin	23	1830EST			0	0			Thunderstorm Wind (G50)
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A strong cold front swept through northern Michigan on the evening of the 23rd. A few thunderstorms developed along the front, with one of the storms producing severe wind gusts.

MICHIGAN, Upper

Gogebic County

10 E Watersmeet	23	1305EST			0	0			Thunderstorm Wind (G60)
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8 to 10 inch diameter trees downed.

Iron County

7 W Beechwood	23	1305EST			0	0			Hail (1.00)
		1310EST							

1 inch hail.

Iron County

8 NE Amasa	23	1325EST			0	0			Thunderstorm Wind (G60)
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4 to 8 inch diameter trees downed.

Baraga County

5 SE L Anse	23	1335EST			0	0			Hail (1.00)
		1340EST							

1 inch hail dented cars.

Marquette County

5 N Ishpeming	23	1420EST			0	0			Thunderstorm Wind (G60)
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Tree fell on automobile.

Marquette County

3 N Negaunee	23	1420EST			0	0			Thunderstorm Wind (G60)
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Trees fell across power lines.

Marquette County

Carlshend	23	1450EST			0	0			Thunderstorm Wind (G60)
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Numerous 6 inch diameter poplar trees broken off.

A surface low pressure center moved northeast from Iowa across the Western Great Lakes and into Ontario. A trailing cold front was the focus for the development of severe thunderstorms as it crossed Upper Michigan..

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MICHIGAN, West</u>									
Van Buren County									
Bangor to Mattawan	09	0053EST 0055EST			0	0	25K	10K	Hail (1.00)
Van Buren County									
Gobles	09	0115EST			0	0	25K	10K	Hail (0.75)
Kalamazoo County									
Alamo	09	0121EST 0126EST			0	0	25K	10K	Hail (0.75)
Eaton County									
Bellevue	09	0235EST			0	0	25K	10K	Hail (1.00)
<p>Several large hail producing thunderstorms developed during the early morning hours of the 9th along and just north of a warm front that moved up into far southern lower Michigan. A severe thunderstorm that moved through Van Buren county produced three quarters inch hail in Mattawan, and one inch hail in Bangor, where local law enforcement officials reported that the hail briefly covered the ground. Three quarters inch hail was also reported in Gobles (Van Buren county), where local law enforcement officials reported that a hail depth of 3 inches on the ground was briefly observed.</p> <p>Large hail was also reported 2 miles northwest of Alamo, in Kalamazoo county, where a trained spotter noted that the hail lasted for 5 minutes before ending. Finally, one inch hail was reported by a trained spotter in Bellevue, in Eaton county.</p>									
Muskegon County									
Holton	11	1829EST			0	0	10K	10K	Hail (0.75)
Muskegon County									
Fruitport	11	1833EST			0	0	50K	25K	Hail (1.75)
Muskegon County									
Twin Lake to Muskegon	11 12	1835EST 0345EST			0	0	10K	10K	Flash Flood
Muskegon County									
Cloverville	11	1840EST	0.1	20	0	0	0		Tornado (F0)
<p>Trained spotters reported a very brief tornado touchdown, that did not produce any damage. The tornado was classified as an F0, producing wind speeds in the 40 to 72 m.p.h. range.</p>									
Ottawa County									
Grand Haven	11	1840EST			0	0	20K	10K	Hail (1.00)
Ottawa County									
Coopersville	11	1842EST	0.1	20	0	0	0		Tornado (F0)
<p>Trained spotters reported a very brief tornado touchdown. The tornado was classified as an F0, with winds of 40 to 72 m.p.h. The tornado did not produce any damage.</p>									
Muskegon County									
Twin Lake	11	2235EST			0	0	10K	10K	Hail (0.75)
Newaygo County									
White Cloud	11	2257EST 2302EST			0	0	100K		Thunderstorm Wind (G62)
Newaygo County									
Newaygo to Fremont	11	2320EST			0	0	50K		Thunderstorm Wind (G53)
Mecosta County									
Big Rapids to Countywide	11	2330EST 2340EST			0	0	50K	10K	Hail (1.00)
Osceola County									
Le Roy	11	2330EST			0	0	10K	10K	Hail (1.00)
Kent County									
Rockford to Grand Rapids	11	2335EST 2340EST			0	0	40K		Thunderstorm Wind (G53)
Osceola County									
Marion	11	2350EST			0	0	10K	10K	Hail (0.88)

Severe thunderstorms developed during the evening hours of the 11th and continued into into the early morning hours of the 12th, producing numerous reports of downed trees and power lines, large hail, a few reports of flash flooding, and even a couple of F0 tornadoes.

Storm Data and Unusual Weather Phenomena

April 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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MICHIGAN, West

The first severe weather report was received from East Holton (Muskegon county), where three quarters inch hail was reported by trained spotters at 7:29 p.m. A severe thunderstorm produced one inch hail in Grand Haven (Ottawa county) at 7:40 p.m., and a very brief tornado touchdown occurred in Coopersville (Ottawa county) at 7:42 p.m. The tornado was classified as an F0, and it produced no damage. Numerous reports of severe weather were also received across Muskegon county: Three quarters inch hail was reported in east Holton at 7:29 p.m. One and three quarters inch hail was reported in Fruitport. A very brief tornado touchdown was reported by trained weather spotters in Cloverville at 7:40 p.m. It was also classified as an F0 tornado, and did not produce any damage. Finally, the thunderstorms also produced very heavy rain, causing flash flooding 1 mile west of Twin Lake (Muskegon county), where Cedar Creek went out of it's banks. In Muskegon (Muskegon county), many low lying areas were covered in one to two feet of water, many homeowners reported flooded basements, and portions of several roads were reported as flooded by area law enforcement.

Another round of severe thunderstorms developed late at night. Three quarters inch hail was observed at Twin Lake (Muskegon county) at 11:35 p.m. Severe thunderstorms produced extensive damage across Newaygo county: Roof damage included shingles that were blown off of a home 5 miles north of White Cloud at 11:57 p.m. Law enforcement reported that numerous trees were blown down along M-37 between Newaygo and White Cloud. Minor roof damage to a house occurred 3 miles northeast of Fremont. In White Cloud, 8 trees were blown down, each of which was 2 feet in diameter.

In Mecosta county, one inch and nickel sized hail was reported in Big Rapids at 12:30 a.m. At 12:40 a.m., the road commission in Mecosta county reported that numerous trees were blown down countywide. One inch hail was observed in Le Roy (Osceola county) at 12:30 a.m. Across Kent county, a tree was blown down 2 miles northwest of Rockford at 12:35 a.m., and several trees were reported down by area law enforcement at 12:40 a.m.

The final report of severe weather was received from Marion, in Osceola county, where 0.88 inch diameter hail was reported at 12:50 a.m.

Ingham County Countywide	23	1530EST 1543EST			0	0	75K	Thunderstorm Wind (G53)
Montcalm County Greenville to Edmore	23	1801EST 1815EST			0	0	50K	Thunderstorm Wind (G53)
Allegan County Shelbyville to Allegan	23	1808EST 1822EST			0	0	10K	Thunderstorm Wind (G53)
Barry County Orangeville	23	1821EST			0	0	20K	Thunderstorm Wind (G53)
Kent County Alaska	23	1825EST			0	0	10K	Thunderstorm Wind (G53)

A few severe thunderstorms quickly developed during the late afternoon hours across south central lower Michigan, well out ahead of a cold front. The hardest hit area was Ingham county. 2 large dead trees were downed 4 miles east of Eaton Rapids, a tree was reported down on Francis road in Lansing township, and 3 trees were blown down onto homes in Lansing.

A secondary line of severe thunderstorms developed during the evening hours, right along the cold front. Across Montcalm county, trees were reported down in Greenville, Stanton, and 3 miles east of Edmore.

In Allegan county, power lines were downed on 124th Avenue, 1 mile west of Shelbyville. Several trees were also blown down in the city of Allegan. In Orangeville (Barry county), law enforcement officials reported that several trees were blown down. Finally, in Alaska (Kent county), local law enforcement officials reported trees down at the intersection of 68th street and Thornapple River Drive.

MINNESOTA, Central and South Central

MNZ041>045- 047>070-073>078- 082>085-091>093	Douglas - Todd - Morrison - Mille Lacs - Kanabec - Stevens - Pope - Stearns - Benton - Sherburne - Isanti - Chisago - Lac Qui Parle - Swift - Chippewa - Kandiyohi - Meeker - Wright - Hennepin - Anoka - Ramsey - Washington - Yellow Medicine - Renville - Mcleod - Sibley - Carver - Scott - Dakota - Redwood - Brown - Nicollet - Le Sueur - Rice - Goodhue - Watonwan - Blue Earth - Waseca - Steele - Martin - Faribault - Freeborn	01 30	1200CST 2359CST		3	1	200M	Flood
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Heavy snowfall during winter remained on the ground through the end of March and then rapidly melted, resulting in river stages close to record levels. Water began to gush through drainage ditches, streams and into the mainstem rivers during midday April 1. Heavy rain April 7-8 over much of central Minnesota (see corresponding flood entry) prolonged the high water and also added one or two feet to many crests during mid April. Another period of heavy rain April 22-23 (see corresponding flood entry) caused rivers to

Storm Data and Unusual Weather Phenomena

April 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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MINNESOTA, Central and South Central

crest again in late April and early May; in some cases the crest was higher than the first. Many rivers remained well above flood stage into mid-May (see May 2001 Storm Data). The crest at Montevideo on the Minnesota River was the second highest ever, only 1.3 feet lower than in 1997. The crest at Stillwater on the St. Croix River was the second highest crest ever, only 1.8 feet lower than in 1965. The crest on the Minnesota River at Henderson came within one half foot of its record level that was set in 1965. The Mississippi River at St. Paul, Hastings, and Red Wing crested at its third highest level ever, lower only than during the floods of 1965 and 1969.

Numerous roads and bridges were closed, millions of sandbags used, and approximately 200 homes and businesses were partially submerged with flood waters. About 100 homes and businesses were damaged beyond repair. Part of the Marsh Lake Dam southwest of Appleton (Swift County) eroded on April 7, but officials shored it up with 9000 tons of rock and gravel. Three fatalities were attributed to the flooding. Two boys (ages 5 and 8) in Olivia (Renville County) were playing on top of melting snow along a deep drainage ditch. They died when the snow collapsed into the drainage ditch with its torrential flow. The other fatality came when two men drove around a barricade on Highway 101 at Shakopee (Scott County) and drove into the Minnesota River. One 19 year old man died and the other was injured. M5OU, M8OU, M19VE

Benton County							
Countywide	07	0500CST			0	0	3M Flood
	08	0500CST					
Chippewa County							
Countywide	07	0500CST			0	0	300K Flood
	08	0500CST					
Douglas County							
Countywide	07	0500CST			0	0	200K Flood
	08	0500CST					
Morrison County							
Countywide	07	0500CST			0	0	2M Flood
	08	0500CST					
Pope County							
Countywide	07	0500CST			0	0	200K Flood
	08	0500CST					
Stearns County							
Countywide	07	0500CST			0	0	6M Flood
	08	0500CST					
Stevens County							
Countywide	07	0500CST			0	0	300K Flood
	08	0500CST					
Swift County							
Countywide	07	0500CST			0	0	500K Flood
	08	0500CST					
Todd County							
Countywide	07	0500CST			0	0	200K Flood
	08	0500CST					

The same intense low pressure system that brought high wind to southern Minnesota also dumped a large area of 3 to 4 inches rain across west central and central Minnesota, on top of melting snow and saturated ground. Drainage ditches, still clogged with snow, were unable to accept most of this rain water. About 3000 homes in Stearns County and 500 homes in Benton County sustained water damage to basements. Several homes were flooded along Hawk Creek near Clara City (Chippewa County), as were about 50 homes in Chokio and Morris (Stevens County). Dozens of people were evacuated, though no injuries were reported. Hundreds of roads were submerged and some bridges flooded.

MNZ063-067-
069>070-073>078-
082>085-091>093

Washington - Sibley - Scott - Dakota - Redwood - Brown - Nicollet - Le Sueur - Rice - Goodhue - Watonwan - Blue Earth - Waseca - Steele - Martin - Faribault - Freeborn

	07	0800CST			0	0	8M High Wind (G69) ^M
		1500CST					

A strong surface low pressure system moved out of the southwestern US and into north central Minnesota by the early afternoon on the 7th. This system produced numerous wind gusts in the 50 to 75 mph range across portions of southern Minnesota. The highest measured wind to be reported was 79 mph at Fairmont (Martin County). Other strong gusts that were measured include 71 mph at St. Clair (Blue Earth County), 69 mph at Waseca (Waseca County), 64 mph at Owatonna (Steele County), and 61 mph at Faribault (Rice County). Some damages of note include 30 homes with shingle damage in Mankato (Blue Earth Co.), Semi trailers blown over near Eagle Lake (Blue Earth County) and Goodhue (Goodhue County), roof off a barn near Cleveland (Le Sueur County), and a railroad cross arm blown over on power lines in St. James (Watonwan County). Strong winds estimated at around 70 mph (by the Ellendale Eagle newspaper) toppled a 45,000 bushel bin at the Cannon Valley Co-op Elevator in Ellendale (Steele County). A one hundred foot section of a turkey house roof in Lemond Township (Steele County), was torn away by strong winds. The Maple River

Storm Data and Unusual Weather Phenomena

April 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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MINNESOTA, Central and South Central

school and bus garage in Minnesota Lake (Blue Earth County) incurred roof damage. Two fifty foot tall, WFS 50,000 bushel capacity empty grain bins were torn down near Mapleton in Blue Earth County. A large barn was destroyed, along with the Walters Liquor store building in or near Kiester (Faribault County).

Faribault County									
Elmore	20	2120CST			0	0			Hail (1.25)
Benton County									
Countywide	22	1900CST			0	0	500K		Flood
	23	1500CST							
Kandiyohi County									
Countywide	22	1900CST			0	0	200K		Flood
	23	1500CST							
Meeker County									
Countywide	22	1900CST			0	0	300K		Flood
	23	1500CST							
Mille Lacs County									
Countywide	22	1900CST			0	0	300K		Flood
	23	1500CST							
Morrison County									
Countywide	22	1900CST			0	0	1.5M		Flood
	23	1500CST							
Redwood County									
Countywide	22	1900CST			0	0	100K		Flood
	23	1500CST							
Renville County									
Countywide	22	1900CST			0	0	200K		Flood
	23	1500CST							
Sherburne County									
Countywide	22	1900CST			0	0	2M		Flood
	23	1500CST							
Stearns County									
Countywide	22	1900CST			0	0	1M		Flood
	23	1500CST							

Two to four inches rain fell on saturated ground. The most severe damage occurred in Santiago (Sherburne County), where a dike along County Road 11 gave way and allowed water to come crashing into town. About one dozen homes and businesses were flooded and evacuations were necessary. Other damage included flooded basements in Foley (Benton County) and Milaca (Mille Lacs County). County officials reported roads closed in portions of Benton, Meeker, Redwood, Renville and Stearns Counties, with some roads washed out. Intersections were flooded in Willmar (Kandiyohi County).

Redwood County									
1 W Revere	24	1539CST			0	0			Hail (0.75)
Redwood County									
Lamberton	24	1541CST			0	0			Hail (0.75)
Martin County									
1 S Truman	30	1834CST			0	0			Hail (1.00)

MINNESOTA, Northeast

MNZ035>036 Northern Aitkin - Southern Aitkin									
	06	2300CST			0	0			Flood
	29	2300CST							

Lingering snowpack with a high water content, combined with three heavy rainfall events during the month of April, led to significant flooding along parts of the Mississippi River, Sandy River, and Big Sandy Lake. The water level came within four inches of rendering the Aitkin city sewage treatment plant inoperative. Despite sandbagging efforts, thousands of dollars in damage to homes, businesses, and roads occurred. An exact dollar amount was not available.

MNZ038 Pine									
	06	2300CST			0	0	1.4M		Flood
	27	2300CST							

Lingering snowpack with a high water content, combined with three heavy rainfall events during the month of April, led to significant flooding and flash flooding across the county, including along parts of the Snake River. Total infrastructure damage was estimated at \$1.4 million.

Storm Data and Unusual Weather Phenomena

April 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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MINNESOTA, Northeast

MNZ010>011-019	Koochiching - Northern St. Louis - Central St. Louis						
	15	2030CST			0	0	Heavy Snow
	16	0920CST					
A late season winter storm dropped 6 to 9 inches of snow on parts of north central Minnesota. Lake Kabetogama reported 9 inches, 8 inches fell at Tower, and Little Fork and Babbitt had 6 inches each.							

MNZ020-037	Southern Lake - Southern St. Louis / Carlton						
	22	1400CST			0	0	4.2M Ice Storm
	23	0600CST					
An intense low pressure system moved northeast through the western Great Lakes area producing heavy precipitation. Because of the cold temperatures, much of the precipitation fell as freezing rain on the higher elevations away from Lake Superior. Almost an inch of ice coated trees, power lines, and roadways. Tree damage was widespread, downed power lines caused power outages that lasted as long as three days and affected approximately 22,000 homes and businesses. Countless homes and vehicles sustained damage from trees and branches that collapsed under the weight of the ice.							

MNZ010-018	Koochiching - Northern Itasca						
	23	0700CST			0	0	Heavy Snow
		1400CST					
A intense late season winter storm produced up to 8 inches of snow over parts of north central Minnesota. Eight inches fell at Northome, 7 inches at Little Fork, and 6.5 inches in Wirt.							

MINNESOTA, Northwest

MNZ040	Grant						
	05	0000CST			0	0	500K Flood
	26	2359CST					
Overland flooding from the spring snowmelt closed numerous roads in Grant county. Several homes in Herman and Barrett reported basement flooding.							

MNZ029	Wilkin						
	06	0000CST			0	0	3M Flood
	30	2359CST					
The headwaters of the Red River received the most snow over the course of the winter. Snow water equivalents of 4 to 5 inches were measured from the snowpack over this area. As the snowmelt progressed through early April, several heavy rain events occurred. The first, on the 7th of April, brought widespread rainfall amounts of 1 to 2 inches to the southern Red River basin. This rain fell on top of the remaining snowpack, which resulted in faster rises on the Red, Ottertail, Rabbit, and Bois de Sioux Rivers. Both the Bois de Sioux and Ottertail Rivers crested at the same time in Wahpeton, something that hadn't happened in recent memory. This brought the first crest on the Red River at Wahpeton, 16.96 feet on the 9th. A second heavy rain event occurred on the 11th and 12th of April, with many locations south of Wahpeton-Breckenridge reporting 1 to 1.50 inches of rain. This led to a second crest at Wahpeton on the 13th of 16.21 feet. As the Red continued to fall after this second crest, a winter storm event occurred on the 22nd and 23rd. This storm brought over a foot of snow to some locations in Wilkin county. As this snow rapidly melted over the next couple of days, it brought a third crest on the Red River at Wahpeton on the 26th at 13.88 feet. The 16.96 foot crest was the 5th highest crest on record. 3 of the top 5 Wahpeton crests have occurred since 1996. As the snowmelt progressed across southern Wilkin county, overland flooding caused major problems between the Rabbit and Ottertail Rivers. The town of Doran was voluntarily evacuated when the overland flooding threatened to overtake the town. 60 National Guard troops assisted the city of Breckenridge during the flood. The rural roads suffered a great deal of damage from the spring flood.							

MNZ003	Clay						
	06	0001CST			0	0	3M Flood
	30	2359CST					
The winter brought 52.5 inches of snow to the Fargo-Moorhead area, which was above the average of 40 inches. The snow water content over Clay county ranged from 2.5 to 3.5 inches. A heavy rain event on April 7th brought a widespread swath of 1 to 2 inches of rain to the Red River basin. This rain event, along with the snowmelt runoff, contributed to the crest of 36.69 feet in Fargo on the 14th of April. This was the 4th highest crest ever at Fargo. Another rain event on the 11th and 12th, and a winter storm that brought 7.9 inches of snow on the 22nd and 23rd, helped keep the Buffalo and Red Rivers high for nearly the whole month. Problems developed around Oakport Township in north Moorhead, where the Red River made islands once again out of the neighborhood homes. The US Army Corps of Engineers had to cut 2 sections of road to alleviate the flooding there. Many roads and bridges had to be closed along the river. A main link to Fargo, the 1st Avenue North bridge, closed due to the high water. The Buffalo River at Hawley and Dilworth stayed above the moderate flood level from April 6th to 17th. This high level forced the diversion of US Highway 10 in Hawley.							

MNZ002	Norman						
	07	0000CST			0	0	1M Flood
	26	2359CST					
NWS Cooperative weather observers reported nearly 2.5 inches of snow water content in the snowpack, after a winter with above average snowfall. A heavy rainfall event on the 7th of April brought 1 to 2 inches of rain to the Red River basin, adding to the snowmelt flooding. The Red River crested in Halstad at 38.47 feet on April 16th and remained near the crest level for nearly a week. This level was the 5th highest crest on record. An ice jam developed at the Nielsville bridge over the Red River on April 7th, and							

Storm Data and Unusual Weather Phenomena

April 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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MINNESOTA, Northwest

Wilkin County

Breckenridge **07** **0845CST** **0** **0** **Flash Flood**

Basement flooding was reported.

MNZ003-029

Clay - Wilkin
22 **1530CST** **0** **0** **Winter Storm**
23 **0319CST**

A strong low pressure system tracked from Colorado into Wisconsin, and set up an inverted trough over the southern Red River Valley. A mix of rain, freezing rain, and snow fell across southeast North Dakota and west central Minnesota. Snowfall amounts ranged from 7 to 12 inches, with liquid water equivalents from 1 to 2 inches. Breckenridge reported the highest amount in west central Minnesota, with 10 inches of snow. This snow fell during the spring flood along the Red River, keeping river levels high through the end of the month. Wahpeton reported a third crest after this snow melted and ran off in the river system. Due to the slushy nature of the snow, secondary roads became nearly impassable. Many cars slid off roads and several schools cancelled classes on Monday the 23rd.

MNZ009-016>017-022>024-028

North Beltrami - North Clearwater - South Beltrami - Mahnomen - South Clearwater - Hubbard - East Becker

23 **0300CST** **0** **0** **Heavy Snow**
1100CST

A strong low pressure system tracked from Colorado into Wisconsin, and wrapped bands of heavy snow across portions of northwest Minnesota. At its heaviest point, some locations reported snowfall rates of several inches per hour from the huge wet flakes. 6 to 12 inches of snow fell across the area, with Bemidji and Park Rapids both reporting 12 inch amounts. Due to the slushy nature of the snow, secondary roads became very slippery. Many cars slid off the roads and several schools closed for the day. 1200 customers lost power in the Bemidji area as pine trees fell on several power lines.

Clearwater County

8 NW Bagley **30** **1915CST** **0** **0** **2K** **Thunderstorm Wind**

A 60 mph wind gust blew down some small trees and a screened porch.

MINNESOTA, Southeast

Fillmore County

Peterson **05** **1050CST** **0** **0** **Hail (0.75)**

Dime size hail was reported by students at the Peterson Junior High School.

MNZ095>096

Fillmore - Houston
06 **1800CST** **0** **0** **85K** **Flood**
15 **1800CST**

The combination of snow melt runoff and heavy rains caused the Root River to flood. The river crested at Hokah (Houston County) on April 11 at 51.2 feet, well above the flood stage of 47 feet. Highway 16 near Hokah was closed due to high water for a couple of days and a few homes and businesses sustained minor damage due to the flood waters.

Mower County

Lyle **06** **1940CST** **0** **0** **2K** **Hail (1.00)**

Fillmore County

York **06** **2020CST** **0** **0** **Hail (0.75)**

Hail the size of dimes and quarters was reported by the public.

Fillmore County

Spring Vly **06** **2057CST** **0** **0** **30K** **Flash Flood**
2300CST

The combination of runoff from recent snow melt, along with thunderstorms producing two inches of rain in less than two hours, caused flash flooding. Spring Creek rose about half a foot every 15 minutes, flooding several homes and businesses. Some roads were closed due to the high water, including Highway 63.

MNZ079-086>088-094>096

Wabasha - Dodge - Olmsted - Winona - Mower - Fillmore - Houston

07 **0800CST** **0** **0** **15.8K** **High Wind (G54)** ^M
2000CST

A strong pressure gradient associated with an intense low pressure system produced wind gusts of 60 to 70 mph across southeast Minnesota. The strong winds blew down limbs, power lines and caused minor damage to roofs and siding.

Winona County

3 S Winona **08** **2210CST** **0** **0** **Hail (0.75)**

Dime size hail was reported by storm spotters.

MNZ079-088-096

Wabasha - Winona - Houston
10 **1000CST** **0** **0** **5M** **Flood**
30 **2359CST**

Water levels on the Mississippi River rose to near record levels due to a combination of snow melt runoff and heavy rains. In fact, only the all-time flood of record in April 1965 produced higher water than that recorded in April 2001. At Lake City and Wabasha

Storm Data and Unusual Weather Phenomena

April 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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MINNESOTA, Southeast

(Wabasha County), the river crested at 20.1 feet and 18.2 feet respectively on April 16, which was the second highest crest on record. At Winona (Winona County), the river crested at 20.1 feet on April 17, which was also the second highest crest ever. Numerous homes, businesses and roads near the river were damaged by the high water, with total damage estimated around 5 million dollars. As a result, Wabasha, Winona and Houston County were declared eligible for state disaster relief funds. Even though the river began falling during the latter part of the month, water levels remained above flood stage until early May.

Olmsted County

Countywide	11	0655CST 0945CST			0 0	1K	Flash Flood
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Dodge County

Countywide	11	0715CST 0915CST			0 0	1.5K	Flash Flood
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Fillmore County

Countywide	11	0738CST 0938CST			0 0	1K	Flash Flood
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Up to 2.5 inches of rain in a couple of hours caused flash flooding. Law enforcement officials reported a one mile section of highway near Dodge Center (Dodge County) was closed due to high water.

Mower County

Brownsdale	11	1624CST			0 0		Thunderstorm Wind (G52)
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Mower County

1 SW Dexter	11	1630CST			0 0	25K	Thunderstorm Wind (G55)
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Outbuilding destroyed from high wind gusts on April 11th near Dexter, MN.

Olmsted County

Stewartville	11	1702CST			0 0		Thunderstorm Wind (G52) ^M
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Microburst winds heavily damaged a farm just southwest of Dexter. Numerous outbuildings and barns were damaged or destroyed. Debris was thrown into fields toward the city of Dexter.

MINNESOTA, Southwest

MNZ081-090

Cottonwood - Jackson

05	0600CST				0 0		Flood
30	2359CST						

Flooding along the Des Moines River affected mainly farmland and undeveloped lowlands near the river. The river crested several times, with the highest readings during the last week of April, after heavy rain fell over the area. Some parkland was flooded in Windom.

Jackson County

Lakefield	06	1800CST			0 0	20K	Lightning
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Lightning struck a cable television tower, destroying antennas, and damaging electronic equipment in the building.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MINNESOTA, Southwest</u>									
Rock County									
8 SW Luverne to 9 NW Luverne	07	0145CST 0155CST			0	0	50K		Thunderstorm Wind (G61)
Thunderstorm winds destroyed a cattle shed, a barn, and several outbuildings. The winds also damaged a grain bin, trees, power lines, and a large wind break fence. A power outage was caused when part of the roof of the destroyed cattle shed blew into power lines.									
Nobles County									
4 NW Adrian	07	0229CST			0	0	5K		Thunderstorm Wind (G52)
Thunderstorm winds tore shingles off roofs and caused tree damage.									
Lyon County									
Marshall	07	0310CST			0	0	10K		Thunderstorm Wind (G61)
Thunderstorm winds damaged ten cars at a car lot, and drove a 2 by 4 board into a wall.									
Murray County									
Slayton	07	0330CST			0	0			Thunderstorm Wind (G52)
MN071>072- 080>081-089>090-097									
	07	0400CST 1000CST			0	0	134K		High Wind (G52)
High winds caused minor damage to buildings; mostly shingles. The winds also caused tree and sign damage.									
MN098									
Rock									
	22	0000CST			0	0			Flood
	30	2359CST							
Flooding along the Rock River affected farmland and other lowlands, as well as parkland and baseball fields in Luverne. No damage estimates were available.									
MN072									
Lyon									
	22	0600CST			0	0			Flood
	27	0600CST							
Widespread heavy rains caused lowland flooding along the Redwood River, with crests of 2 to 4 feet above flood stage on the 24th.									
MN097									
Pipestone									
	22	0600CST			0	0			Flood
	23	2300CST							
Heavy rains caused flooding along Pipestone Creek, with a crest 3.6 feet above flood stage on the 23rd.									
Lyon County									
2 NE Marshall	24	1440CST			0	0			Hail (0.75)
Cottonwood County									
11 NE Westbrook	24	1600CST			0	0			Hail (0.75)
MN071>072- 097>098									
	29	2355CST			0	0	3K		High Wind (G59) ^M
Murray County									
Chandler	30	1655CST			0	0			Hail (1.00)
Large hail covered the ground and caused damage to the siding and windows of houses. The amount of damage was not known.									
Murray County									
Iona	30	1705CST			0	0			Hail (0.75)
Murray County									
Fulda	30	1715CST			0	0			Hail (2.00)
Nobles County									
Dundee	30	1745CST			0	0			Hail (1.25)
Nobles County									
Dundee	30	1745CST			0	0			Thunderstorm Wind (G57)
Cottonwood County									
Windom	30	1751CST			0	0			Hail (1.00)
Jackson County									
Heron Lake to 6 NE Heron Lake	30	1755CST 1812CST			0	0			Hail (1.75)

Large hail accumulated at least two inches over a stretch of several miles. The hail accumulation produced shallow but dense fog, which persisted for at least an hour. Damage to vehicles and other property was suspected, but no damage estimates were available.

MINNESOTA, West

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

April 2001

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

MINNESOTA, West Central

MNZ039-046	Traverse - Big Stone								
	07	0100CST			0	0			Flood
	08	0800CST							
	Heavy rains of 1 to 2 1/2 inches combined with snowmelt runoff brought flooding to parts of Traverse and Big Stone counties. Several roads were flooded with some receiving damage.								
MNZ039-046	Traverse - Big Stone								
	22	0500CST			0	0			Winter Storm
	23	0800CST							
	Heavy snow of 6 to 12 inches fell across Big Stone and Traverse counties. Along with the heavy snow came some freezing rain and heavy icing across parts of Big Stone county. As a result of the heavy snow and icing, significant travel problems occurred on the 22nd and 23rd across Big Stone and Traverse counties. Also, schools on the 23rd were either delayed or closed. Some snowfall amounts included, 10 inches at Wheaton and 12 inches at Browns Valley.								

MISSISSIPPI, Central

Clarke County	6 W Shubuta	03	1725CST						
					0	0	1K		Thunderstorm Wind
	A few trees were blown down along County Road 250 in a rural area west of Shubuta.								
Clarke County	5 S Enterprise	04	0545CST		0	0	1K		Thunderstorm Wind
	Several trees were blown down in a rural area.								
Attala County	Sallis	04	0602CST		0	0			Hail (0.75)
Attala County	Mc Adams	04	0603CST		0	0			Hail (0.75)
Attala County	3 S Kosciusko	04	0614CST		0	0			Hail (0.75)
Leake County	Singleton	04	0624CST		0	0	12K		Hail (1.75)
	Hail of up to golfball size caused damage to roofs and cars in the Singleton community.								
Neshoba County	Hope	04	0655CST		0	0	15K		Hail (1.00)
	Hail of up to quarter size caused minor roof damage in the Hope area. A number of cars sustained damage from the hail.								
Kemper County	Tamola	04	0725CST		0	0			Hail (0.75)
Lauderdale County	Meridian	04	0730CST		0	0			Hail (0.75)
Lauderdale County	Meridian	04	0800CST		0	0			Hail (0.75)
Neshoba County	Hope	04	0805CST		0	0			Hail (0.75)
Neshoba County	5 S Philadelphia	04	0815CST		0	0			Hail (0.75)
Lauderdale County	Meridian	04	0830CST		0	0			Flash Flood
			1000CST						
	Persistent heavy rain over the city caused minor flooding of roadways and overflowing ditches. Several roads were covered with up to one foot of water for a brief period of time.								
Newton County	Union	04	0835CST		0	0			Hail (0.75)
Newton County	Duffee	04	0855CST		0	0			Hail (0.75)
Lauderdale County	Meridian	04	0911CST		0	0			Hail (0.75)
Lauderdale County	Meridian	04	0930CST		0	0			Hail (0.88)
Winston County	8 E Louisville	04	1010CST		0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSISSIPPI, Central</u>									
Noxubee County									
Brooksville	04	1025CST			0	0			Hail (0.75)
Noxubee County									
Brooksville	04	1055CST			0	0			Hail (0.75)
Lowndes County									
New Hope	04	1105CST			0	0	8K		Hail (1.75)
Hail of up to golfball size caused minor damage to homes and cars.									
Lowndes County									
1 W Columbus	04	1124CST			0	0	25K		Hail (1.75)
Hail of up to golfball size caused damage to roofs and cars just west of the city of Columbus.									
Lowndes County									
New Hope	04	1140CST 1143CST			0	0			Hail (0.88)
Noxubee County									
15 W Macon	04	1203CST			0	0			Hail (0.75)
Winston County									
13 E Louisville	04	1203CST			0	0			Hail (0.75)
Attala County									
6 S Kosciusko	04	1314CST			0	0	6K		Hail (1.00)
Hail of up to quarter size caused minor roof damage in a mostly rural area.									
Neshoba County									
Dixon	04	1514CST			0	0	25K		Thunderstorm Wind
High winds destroyed a barn in the Dixon area.									
Neshoba County									
14 SW Philadelphia	04	1520CST			0	0	5K		Hail (1.00)
Up to quarter sized hail caused minor roof damage in a mainly rural area.									
Neshoba County									
Countywide	04	1532CST 2200CST			0	0	150K		Flash Flood
A significant flash flooding event occurred due to the training of strong thunderstorms across the county for much of the day. Damage reports from the flooding included: major damage to 15 public roads and to one bridge. Minor flooding damage occurred to 30 houses, 10 mobile homes, 20 public roads, and one bridge.									
Newton County									
Union	04	1545CST			0	0	6K		Thunderstorm Wind
Several trees and power lines were blown down.									
Attala County									
Countywide	04	1610CST 2230CST			0	0	1.1M		Flash Flood
A significant flash flooding event occurred due to the training of thunderstorms with heavy rain across most of the county during much of the day. The first reports of street flooding occurred at 1610 CST as several roads in the city of Kosciusko were becoming impassable. The flooding continued throughout the evening hours across much of the county as the heavy rains continued. The damage totals due to flooding in the county included major damage to 60 houses, 15 mobile homes, 15 businesses, 225 public roads, and 7 bridges. Minor damage occurred to 40 houses, 10 mobile homes, 16 businesses, 105 public roads, and 6 bridges. A total of 57 culverts had to be replaced on roads across the county due to flooding damage.									
Newton County									
Little Rock	04	1624CST			0	0	15K		Hail (1.75)
Hail of up to golfball size caused minor roof damage to homes and other structures in the community of Little Rock.									
Newton County									
Little Rock	04	1624CST			0	0	8K		Thunderstorm Wind
A church sustained roof damage when strong winds blew a large limb into the eave of the church roof.									
Leake County									
Countywide	04	1625CST 1800CST			0	0	120K		Flash Flood
A significant flash flood event occurred due to strong thunderstorms training across the county for much of the day. Significant flooding occurred to several homes. Six roads had major damage, and an additional 10 roads had some sections that were washed out from the flooding.									
Holmes County									
Durant	04	1632CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSISSIPPI, Central</u>									
Holmes County									
Durant	04	1640CST 1650CST			0	0	10K		Hail (1.00)
Several homes in the Durant area had minor roof damage from up to quarter size hail.									
Neshoba County									
Philadelphia to Neshoba	04	1700CST			0	0	1K		Thunderstorm Wind
Several trees were blown down.									
Leake County									
8 E Walnut Grove	04	1730CST			0	0	8K		Hail (1.00)
Up to quarter sized hail damaged the roofs of several homes and cars in a rural portion of the county.									
Scott County									
Sebastopol	04	1730CST			0	0	7K		Hail (1.00)
Hail of up to quarter size caused minor roof damage to a few homes and cars.									
Holmes County									
Countywide	04	1800CST 2300CST			0	0	1M		Flash Flood
A significant flash flood event occurred due to training of strong thunderstorms across the county for much of the day. The storms caused flooding damage to approximately 110 houses, and numerous businesses were flooded. The Holmes County Emergency Management office was flooded. A number of roads received flooding damage. One bridge was washed out.									
Holmes County									
Lexington	04	1800CST			0	0	1K		Thunderstorm Wind
Several trees were blown down.									
Lauderdale County									
Martin to Daleville	04	1800CST 1915CST			0	0			Flash Flood
Minor flooding of roads occurred in northern portions of the county.									
Newton County									
10 NW Decatur	04	1805CST			0	0	5K		Hail (1.00)
Quarter sized hail caused minor damage to several roofs of buildings in a rural area.									
Newton County									
Countywide	04	1820CST 1830CST			0	0	80K		Hail (1.75)
Hail of up to golfball size caused roof damage to homes and businesses. Numerous cars were dented and a few car windows were broken by the hail. Large hail reports were received from south of Union to Decatur to Conehatta.									
Leake County									
Countywide	04	1835CST 2200CST			0	0	30K		Flash Flood
Additional thunderstorm activity during the evening hours caused more flooding to occur. Several more homes were flooded and some additional roads were damaged by flooding.									
Clarke County									
Quitman	04	2015CST			0	0			Hail (0.88)
Newton County									
Countywide	04	2030CST 2300CST			0	0	10K		Flash Flood
Many roads were flooded, mainly in northern portions of the county.									
Scott County									
Forest	04	2030CST 2300CST			0	0	15K		Flash Flood
Several homes were flooded.									
Scott County									
Morton	04	2120CST			0	0			Hail (0.75)
Smith County									
Polkville to Pineville	04	2130CST 2215CST			0	0			Hail (0.75)
Madison County									
Madison	14	1530CST 1545CST			0	0	100K		Thunderstorm Wind
A Cessna 172 airplane and a Piper Tri-Pacer airplane were flipped over and seriously damaged from severe thunderstorm winds.									

Storm Data and Unusual Weather Phenomena

April 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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MISSISSIPPI, Central

Three other small airplanes sustained minor damage. The roof of a nursing home located near the airport sustained damage due to strong winds lifting up a portion of the roof and rolling it up. Several trees and large limbs were blown down in the area near the airport. Elsewhere in the county, a number of trees and power lines were blown down, mainly from Madison to Gluckstadt. Several homes sustained roof damage from fallen trees and large limbs.

Rankin County

5 N Pelahatchie	14	1530CST			0 0	2K	Thunderstorm Wind
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About six large trees were blown down.

Adams County

Natchez	15	1400CST			0 0	6K	Thunderstorm Wind
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Several trees and power lines were blown down.

Lincoln County

Countywide	15	1400CST 1415CST			0 0	10K	Thunderstorm Wind
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Several trees and large limbs were blown down. One house sustained minor roof damage.

Lincoln County

Bogue Chitto	15	1405CST 1415CST			0 0	16K	Hail (1.75)
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Hail of up to golfball size caused roof damage to homes and businesses. Also, a number of cars were damaged as large hail fell for up to 10 minutes.

Rankin County

8 N Brandon	29	1645CST			0 0		Hail (0.75)
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Madison County

3 E Canton	29	1650CST			0 0	1K	Tstm Wind/Hail
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Small wind blown hail caused a few windows of a building to break.

MISSISSIPPI, North

Lee County

Saltillo	03	0320CST 0325CST			0 0	0.01K	Hail (0.75)
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Panola County

Como	03	0420CST 0425CST			0 0	0.01K	Hail (0.75)
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Union County

3 S Ingomar	03	0445CST 0450CST			0 0	0.01K	Hail (0.75)
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Lee County

4 N Tupelo to Saltillo	03	0459CST 0505CST			0 0	1.5K	Hail (1.75)
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Lee County

1 S Chapelville	03	0515CST 0520CST			0 0	0.01K	Hail (0.75)
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Union County

New Albany	03	0536CST 0540CST			0 0	0.01K	Hail (0.75)
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Monroe County

2 N Aberdeen	03	0610CST 0615CST			0 0	0.01K	Hail (0.75)
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Panola County

2 S Sardis	03	0650CST 0655CST			0 0	5K	Thunderstorm Wind
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A few trees were knocked down.

Lafayette County

Oxford	03	0800CST 1400CST			0 0	5K	Urban/Sml Stream Fld
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A combination of 3 inches of rain and a plugging of a nearby culvert caused one home to be flooded.

Pontotoc County

Ecrú	03	0850CST 0855CST			0 0	0.10K	Hail (1.75)
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Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSISSIPPI, North</u>									
Lee County									
Tupelo	03	0950CST 1030CST			0	0	10K		Flash Flood
Some homes were flooded as over 4 inches fell in the Tupelo area over a 24 hour period. The gymnasium at Tupelo Middle School was flooded. Several roads had water over them.									
Monroe County									
Wren	04	0442CST 0450CST			0	0	0.01K		Hail (0.75)
Prentiss County									
5 S Wheeler	04	1149CST 1155CST			0	0	0.10K		Hail (1.00)
Lee County									
4 E Baldwyn	04	1200CST 1205CST			0	0	0.01K		Hail (0.75)
Lee County									
Saltito	04	1230CST 1235CST			0	0	0.01K		Hail (0.75)
Chickasaw County									
2 N Houston	04	1305CST 1310CST			0	0	0.01K		Hail (0.75)
Lafayette County									
Oxford	12	1500CST			0	0	75K		Lightning
A home was destroyed by a fire started by lightning.									
Coahoma County									
Clarksdale	14	2200CST 2205CST			0	0	50K		Thunderstorm Wind
A roof was blown off a house. Several trees and power lines were knocked down. Several homes and cars were damaged by the fallen trees.									
Monroe County									
Amory	15	0200CST			0	0	150K		Lightning
A large home was destroyed by a fire started by lightning.									
Benton County									
Ashland	15	0510CST 0515CST			0	0	5K		Thunderstorm Wind
Several trees were knocked down.									
Alcorn County									
Corinth	15	0535CST 0540CST			0	0	0.01K		Hail (0.75)
Tippah County									
Ripley	15	0540CST 0550CST			0	0	2K		Thunderstorm Wind
A couple of trees were blown down.									
<u>MISSISSIPPI, South</u>									
Amite County									
Gloster	15	1402CST			0	0	0.50K		Thunderstorm Wind
A tree was blown down.									
Amite County									
Liberty	15	1408CST			0	0	0.50K		Thunderstorm Wind
A tree was knocked down.									
Pike County									
Summit	15	1418CST			0	0			Hail (1.00)
Pike County									
Countywide	15	1420CST			0	0	1.5K		Thunderstorm Wind
A few trees were blown down at scattered locations across the county.									
Walthall County									
1 NW Enon	15	1445CST			0	0			Hail (1.25)
Hail ranging in size from quarters to fifty cent pieces fell.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSISSIPPI, South</u>									
Walthall County									
Tylertown	15	1500CST 1600CST			0	0	1.5K		Thunderstorm Wind
A few trees were blown down on power lines.									
<u>MISSISSIPPI, Southeast</u>									
Wayne County									
Hiwannee	03	1735CST 1737CST			0	0			Hail (1.75)
Golfball size hail was reported near Hiwannee.									
<u>MISSOURI, East</u>									
Cole County									
Jefferson City	03	1300CST 1700CST			0	0			Urban/Sml Stream Fld
Heavy rain from a couple of thunderstorms caused some local street flooding in Jefferson City. Some streets had to be closed for a couple of hours.									
Iron County									
Glover	03	1330CST			0	0			Thunderstorm Wind (G53)
Thunderstorm wind gusts downed trees in the Glover area.									
Jefferson County									
3 S Festus	03	1400CST			0	0	15K		Lightning
Lightning struck the Danby-Rush Tower Middle School south of Festus causing considerable to the telephone system. The strike apparently came in through the telephone lines and and knocked out the computerized switchboard. Other parts of the computer system were also damaged.									
Lewis County									
Steffenville	05	1852CST			0	0			Hail (0.75)
3/4 inch hail was reported in the Steffenville area.									
Lewis County									
Ewing	05	1858CST			0	0			Hail (0.75)
Lewis County									
6 E Ewing	05	1900CST			0	0			Hail (1.75)
Lewis County									
2 SE Ewing	05	1910CST			0	0	30K		Hail (2.50)
A severe thunderstorm dropped hail from 3/4 to 2 1/2 inches in diameter in the Ewing area. Vehicles were reported damaged by the hail along Highway 6 southeast of Ewing.									
Lewis County									
Dover	05	1915CST			0	0			Hail (2.50)
Hail approaching the size of baseballs pounded the Dover area along Highway Z. Several vehicles were severely damaged. Several homes in the area suffered roof and siding damage and broken windows. A motorhome damaged by the storm looked like "somebody took a hammer to every inch of it."									
MOZ063									
St. Louis									
	08	1900CST			4	0			Excessive Heat
	09	2200CST							
Four residents of a nursing home in University City died from heat related causes. The air conditioning at the facility failed causing the temperature in some rooms to rise well into the 90s. The high temperature on the 8th was 87, and on the 9th it hit 91, which set a new record for that day. F85PH, F70PH, F88PH, F66PH									
Franklin County									
Union	09	1950CST			0	0			Hail (0.75)
Franklin County									
3 N Union	09	1954CST			0	0			Hail (0.88)
The County Sheriff and storm spotters reported hail up to nickel size in and north of Union.									
Gasconade County									
Bland	09	2004CST			0	0			Hail (1.25)
Gasconade County									
Swiss	09	2005CST			0	0			Thunderstorm Wind (G52)
Local law enforcement reported hail up to half dollar size and trees down west of Swiss.									
St. Louis County									
1 W Ellisville	09	2015CST			0	0			Hail (0.88)
Storm spotters reported nickel size hail in the Wildwood area of west St. Louis County.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSOURI, East</u>									
Audrain County									
Vandalia	09	2025CST			0	0			Hail (1.00)
			The Vandalia Police reported 1 inch hail.						
Franklin County									
Beaufort	09	2025CST			0	0			Hail (1.00)
			The Sheriff Department reported 1 inch hail.						
Franklin County									
Union	09	2037CST			0	0			Thunderstorm Wind (G55)
Franklin County									
4 NW Union	09	2040CST			0	0			Hail (1.75)
			Amateur radio operators reported the roof blown off an outbuilding in Union. Golf ball size hail was reported northwest of town by the Sheriff Department.						
St. Louis County									
Bridgeton	09	2049CST			0	0			Hail (0.75)
			The Missouri Highway Patrol reported 3/4 inch hail.						
St. Louis County									
Manchester	09	2100CST			0	0			Hail (1.00)
St. Louis County									
Des Peres	09	2105CST			0	0			Hail (0.75)
			Amateur radio spotters reported 1 inch hail in Manchester. The Highway Patrol reported 3/4 inch hail in Des Peres along I-270.						
St. Louis County									
Vly Park	09	2102CST			0	0			Hail (1.00)
			Amateur radio spotters reported 1 inch hail.						
St. Louis County									
Sappington	09	2115CST			0	0			Hail (0.75)
			Storm spotters reported 3/4 inch hail.						
Washington County									
Cadet	09	2130CST			0	0			Hail (1.00)
			One inch hail was reported along Highway 47 near Cadet.						
Washington County									
Richwoods	09	2135CST			0	0			Hail (1.00)
			Amateur radio spotters reported 1 inch hail.						
Jefferson County									
De Soto	09	2142CST			0	0			Hail (0.75)
Jefferson County									
Festus	09	2145CST			0	0			Hail (0.75)
			Amateur radio spotters reported 3/4 inch hail in De Soto and Festus.						
Boone County									
3 W Midway	10	0105CST			0	0			Hail (0.75)
			Storm spotters reported 3/4 inch hail just west of Midway.						
Audrain County									
Mexico	10	0115CST			0	0			Hail (0.88)
			The County Sheriff reported nickel size hail in Mexico.						
Pike County									
Bowling Green	10	0200CST			0	0			Hail (0.75)
			The Sheriff Department reported 3/4 inch hail in Bowling Green.						
Boone County									
Sturgeon	10	0207CST			0	0			Hail (0.75)
			The local Fire Department reported 3/4 inch hail.						
Moniteau County									
Tipton	10	1735CST			0	0			Thunderstorm Wind (G55)
			Thunderstorm wind gusts downed a few trees in Tipton.						
Moniteau County									
3 W Jamestown	10	1745CST			0	0			Hail (1.75)
Moniteau County									
3 W Jamestown	10	1745CST			0	0			Thunderstorm Wind (G51)
			The County Sheriff reported golf ball size hail and wind gusts to 60 mph.						

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MISSOURI, East</u>									
Boone County									
Harrisburg	10	1745CST			0	0			Hail (1.00)
Boone County									
Columbia	10	1755CST			0	0			Hail (1.75)
Boone County									
2 S Columbia	10	1801CST			0	0			Hail (1.75)
The Columbia EOC reported 1 inch hail in Harrisburg and golf ball size hail across much of Columbia. Amateur radio spotters reported golf ball size hail just south of Columbia.									
Moniteau County									
3 N California	10	1747CST 1748CST	0.1	25	0	0			Tornado (F0)
A small, brief tornado formed near California. A couple of storm spotters observed the brief tornado north of California. The tornado formed over open farmland, kicked up some dirt and dissipated. This was the first of 6 tornadoes that a High Precipitation Supercell produced in the National Weather Service St. Louis County Warning Area.									
Moniteau County									
Jamestown	10	1750CST			0	0			Thunderstorm Wind (G53)
The County Sheriff reported several large trees and power lines down in Jamestown.									
Boone County									
Ashland	10	1805CST			0	0			Hail (2.75)
Boone County									
Ashland	10	1805CST			0	0			Thunderstorm Wind (G55)
Boone County									
3 NE Ashland	10	1809CST			0	0			Hail (0.75)
Boone County									
3 NE Ashland	10	1809CST			0	0			Thunderstorm Wind (G61)
The Columbia EOC reported baseball size hail and trees down in Ashland. Storm spotters reported 3/4 inch hail and wind gusts to 70 mph just northeast of Ashland.									
Callaway County									
1 W Fulton	10	1813CST			0	0			Hail (1.00)
Callaway County									
Fulton	10	1815CST			0	0			Hail (1.75)
Callaway County									
Fulton Arpt	10	1822CST			0	0			Thunderstorm Wind (G55)
Thunderstorm wind gusts caused minor damage to a couple of hangers at the Fulton Airport. Amateur radio spotters reported 1 inch hail and the State Highway Patrol reported golf ball size hail around Fulton.									
Callaway County									
1 W Fulton to Fulton	10	1820CST 1825CST	3	100	1	2	75K		Tornado (F1)

Storm Data and Unusual Weather Phenomena

April 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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MISSOURI, East

County Road 913 suffered minor damage.

St. Charles County Dardenne	10	1940CST			0	0			Thunderstorm Wind (G55)
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Amateur radio spotters reported power lines down.

St. Charles County O Fallon	10	1945CST			0	0			Hail (1.00)
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St. Charles County St Peters	10	1950CST			0	0	50M		Hail (1.00)
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St. Charles County 1 E Cottleville	10	2005CST			0	0	50M		Hail (1.50)
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St. Charles County St Charles	10	2005CST			0	0	100M		Hail (2.00)
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St. Charles County St Charles	10	2005CST			0	0			Hail (1.00)
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The Heavy Precipitation Supercell that began in west central Missouri and spawned several tornadoes along its path entered the St. Louis area and produced widespread damaging hail. In St. Charles County numerous reports of hail from 1 inch to 2 inches in diameter were received. As of this writing, insurance companies were still assessing the damage to automobiles and homes, but estimates were putting the damage to at least \$200 million.

St. Charles County Lake St Louis	10	1945CST 1947CST	1	100	0	0	5M		Tornado (F1)
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One of the buildings destroyed by a tornado at the Mystic Village Apartments in Lake St. Louis.

The 5th tornado spawned by the Heavy Precipitation Supercell that moved across the NWS St. Louis County Warning Area formed in Lake St. Louis. Most of the damage was at the Mystic Village apartment complex where the tornado was briefly F1 in intensity. Altogether, 2 buildings were considered destroyed, 14 homes/apartment/businesses had major damage, and 8 other homes/apartments/businesses had minor damage.

St. Louis County (St)Lambert Fld St	10	2010CST			0	0	300M		Hail (1.50)
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Storm Data and Unusual Weather Phenomena

April 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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MISSOURI, East



Some of the hail that fell in North St. Louis County during the 4/10/01 Heavy Precipitation Supercell.

St. Louis County Bridgeton	10	2010CST			0 0	50M	Hail (1.75)
St. Louis County Florissant	10	2015CST			0 0	400M	Hail (2.50)
St. Louis County Florissant	10	2020CST			0 0		Hail (1.00)
St. Louis County Florissant	10	2020CST			0 0		Hail (2.00)
St. Louis County Bellefontaine Neighb	10	2032CST			0 0	100M	Hail (2.75)

The Heavy Precipitation Supercell continued east from St. Charles County and moved into north St. Louis County. The storm will likely go down in history as one of the most damaging hail storms ever in the area. Hail ranged from 1 to nearly 3 inches in diameter. Thousands of homes and automobiles were damaged. Some automobile dealerships lost virtually their entire inventory. At the Ford Motor Company assembly plant in Hazelwood, all vehicles (hundreds) parked outside were damaged. In Florissant, a community of close to 70,000 people, it was estimated that almost every home suffered some type of hail damage. One insurance company reported that they were working on 20,000 vehicle and 18,000 property claims while another reported 14,600 vehicle and 14,400 property claims. As of April 18, at least 40,000 insurance claims for vehicles were taken in the St. Louis area alone. At Lambert St. Louis International Airport, 22 TWA jetliners suffered minor hail damage. The Missouri Air National Guard had at least 10 fighter aircraft severely damaged.

St. Louis (C) St Louis	10	2033CST			0 0		Hail (1.00)
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Severe storm spotters reported 1 inch hail across extreme north St. Louis City.

MOZ019-027-035>036-052-061 **Lewis - Marion - Ralls - Pike - Lincoln - St. Charles**

13	0745CST			0 0		Flood
30	2300CST					

Rainfall in the upper Mississippi River Basin hastened the snowmelt in Minnesota and Iowa. Although the flood wave attenuated significantly by the time it reached the St. Louis Hydrologic Service Area (HSA), the flooding was still significant. Hannibal, MO reached the 9th highest stage on record, hitting 23.3 feet (flood stage 16) on April 28. Despite the fact that the stages were fairly high, damage was limited. Only 4 businesses sit outside Hannibal's flood levee. The rest were bought out and removed after the flood of record in 1993. Most land flooded was either agricultural or land that was reverted back to natural floodplain after previous floods.

MOZ075						
				0 0		Flood
	26	0300CST				
	30	2300CST				

The flooding on the Mississippi reached the Ste. Genevieve County area on April 26. The flooding was limited to low-land floodplain and agricultural areas.

Storm Data and Unusual Weather Phenomena

April 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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MISSOURI, Lower

Pemiscot County

Hayti to Denton	04	0535CST 0550CST			0	0	0.10K		Hail (0.88)
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MISSOURI, Northeast

Clark County

Luray	05	0702CST			0	0			Hail (1.00)
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One inch hail reported by cooperative observer.

Event Summary for 4/5/01: (For additional details, see individual reports for the date)

An area of showers and thunderstorms overspread parts of far northeast Missouri, southeast Iowa, and west central Illinois during the morning hours. The primary threats from the storms were large hail and torrential rains, with amounts up to three inches. From the morning through the early afternoon, hail up to the size of golf balls was reported, along with urban street flooding, and flooding of county roads. One person suffered minor injuries after being struck by lightning, and lightning also struck a house, setting it on fire. A surface low and warm front lifted northeast through the region during the afternoon and evening, followed by a trailing cold front. This system produced hail below severe limits across the area from late afternoon through the evening hours.

MOZ010

Clark

15		0700CST			0	0			Snowmelt Flooding
30		2359CST							

Prolonged flooding affected several states bordering the Mississippi River when storm systems fanned abnormally warm air northward. The warm air coupled with heavy rain from severe thunderstorms caused a deep snowpack over the headwaters of the Mississippi to melt rapidly. Near record flooding occurred over sections of Minnesota, Wisconsin, Iowa, Illinois, and Missouri. Additional heavy rain falling over the upper reaches of the Mississippi prolonged the flooding and lead to a broad crest. Highways and roads over Iowa and Illinois were closed due to flooding and 18 counties in these states were declared disaster areas with damage estimates in the millions. In Clark County the Missouri Department of Transportation closed U.S.136 and U.S. 61 highways near Alexandria for several days and rerouted traffic through St. Francisville.

MISSOURI, Northwest

Cass County

Raymore	03	0725CST			0	0			Hail (0.75)
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Jackson County

Blue Spgs	03	0740CST			0	0			Hail (0.75)
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Jackson County

Independence	03	0805CST			0	0			Hail (0.88)
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Johnson County

8 S Warrensburg	03	0856CST			0	0			Hail (1.00)
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Johnson County

Holden	03	0928CST			0	0			Hail (2.00)
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Pettis County

La Monte	03	0929CST			0	0			Hail (1.25)
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Henry County

Windsor	03	0940CST			0	0			Hail (1.00)
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Johnson County

Warrensburg	03	1005CST			0	0			Hail (1.00)
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Pettis County

Green Ridge	03	1015CST			0	0			Hail (1.00)
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Pettis County

2 N Green Ridge	03	1022CST			0	0			Hail (2.00)
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MOZ039-044-046-054 Saline - Johnson - Cooper - Henry

03		0800CST			0	0			Flood
08		2300CST							

Thunderstorms with very heavy rains moved across areas south of the Missouri river. This led to some minor to moderate flooding on Big Creek near Blairstown, Blackwater River at Valley City and Blue Lick and on the Lamine River at Otterville.

Atchison County

Rockport	05	1220CST			0	0			Hail (0.75)
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Atchison County

Westboro	05	1245CST			0	0			Hail (0.88)
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Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Northwest									
Harrison County									
Eagleville	05	1500CST			0	0			Tstm Wind/Hail
Public reported 3/4 inch hail and a tractor trailer turned over 7 miles south of the Iowa border.									
Worth County									
Sheridan	05	1515CST			0	0			Hail (0.75)
Mercer County									
10 N Princeton	05	1530CST			0	0			Tstm Wind/Hail
Law enforcement reported roof blown off a shed and 1.5 inch diameter hail.									
Worth County									
Grant City	05	1534CST			0	0			Hail (0.75)
Mercer County									
Mercer	05	1544CST			0	0			Hail (0.88)
Putnam County									
8 E Lucerne	05	1625CST			0	0			Hail (0.75)
Sullivan County									
Newtown	05	1625CST			0	0			Hail (0.75)
Sullivan County									
Green City to Green Castle	05	1645CST			0	0			Tstm Wind/Hail
Law enforcement reported nickel sized hail and tree limbs greater than 6 inches in diameter broken.									
Putnam County									
4 SE Lucerne	05	1659CST			0	0	5K		Thunderstorm Wind
Law enforcement reported power poles snapped off on highway K.									
Adair County									
5 NW Connelville	05	1700CST			0	0			Tstm Wind/Hail
Law enforcement reported one inch hail and tree limbs larger than 6 inches in diameter down.									
Sullivan County									
Pollock	05	1700CST			0	0			Hail (0.75)
Putnam County									
12 W Unionville	05	1705CST			0	0	1K		Thunderstorm Wind (G52)
Law enforcement reported windows blown out of a residence.									
Sullivan County									
Green Castle	05	1710CST			0	0			Hail (0.88)
Adair County									
Kirksville	05	1718CST			0	0			Hail (0.88)
Adair County									
Kirksville	05	1723CST			0	0			Tstm Wind/Hail
Law enforcement reported one inch hail and wind gusts to 65 mph.									
Adair County									
Sublette	05	1735CST			0	0			Hail (0.75)
Adair County									
3 N Kirksville	05	1757CST 2057CST			0	0			Flash Flood
Several county roads impassable due to high water.									
Sullivan County									
Green City	05	1800CST 2100CST			0	0			Flash Flood
Law enforcement reported many roads in the county under water.									
Adair County									
Kirksville	05	2100CST 2359CST			0	0			Flash Flood
Over 3 inches of rain resulted in several roads becoming impassable in Kirksville.									
Nodaway County									
Wilcox	08	1849CST			0	0			Hail (1.00)
Nodaway County									
Pickering	08	1903CST			0	0			Hail (1.75)
Nodaway County									
2 W Maryville	08	1922CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Northwest									
Nodaway County									
Quitman	08	1938CST			0	0			Hail (1.75)
Nodaway County									
Maryville	08	1940CST			0	0			Hail (1.00)
Holt County									
Maitland	08	1945CST			0	0			Hail (0.75)
Nodaway County									
3 NW Parnell to 6 NNW Parnell	08	1957CST 2001CST	1	20	0	0			Tornado (F0)
A storm spotter observed a tornado 3 miles northwest of Parnell that remained on the ground for 4 minutes, moving north. No damage was reported.									
Nodaway County									
5 S Maryville	08	2008CST			0	0			Hail (0.75)
Holt County									
3 N Maitland	08	2034CST			0	0			Hail (0.75)
Worth County									
1 SW Sheridan	08	2100CST			0	0			Hail (0.75)
Saline County									
Marshall	09	1742CST			0	0			Hail (0.75)
Saline County									
Marshall	09	1750CST			0	0			Hail (1.00)
Johnson County									
Kingsville	09	1812CST			0	0			Hail (1.00)
Johnson County									
1 N Holden	09	1819CST			0	0			Hail (1.25)
Johnson County									
Fayetteville	09	1835CST			0	0			Hail (0.88)
Lafayette County									
Concordia	09	1837CST			0	0			Hail (1.75)
Johnson County									
13 N Warrensburg	09	1840CST			0	0			Hail (0.75)
Johnson County									
6 N Warrensburg	09	1840CST			0	0	10K		Tstm Wind/Hail
Law enforcement reported 3/4 inch hail and power lines down.									
Lafayette County									
10 S Higginsville	09	1840CST			0	0			Hail (0.75)
Randolph County									
5 E Higbee	09	1935CST			0	0			Hail (0.75)
Bates County									
Foster	09	2007CST			0	0			Hail (0.75)
Bates County									
Butler	09	2027CST			0	0			Hail (0.75)
Henry County									
Clinton	09	2050CST			0	0	1K		Tstm Wind/Hail
Law enforcement reported one inch hail and wind damage to several large trees toppled.									
Bates County									
Merwin	09	2107CST			0	0			Hail (0.88)
Pettis County									
8 S Sedalia	09	2124CST			0	0			Hail (1.00)
Cass County									
Archie	09	2128CST			0	0			Hail (0.88)
Johnson County									
Chilhowee	09	2217CST			0	0			Hail (1.75)
Cass County									
Peculiar	09	2225CST			0	0			Hail (0.75)
Cass County									
Pleasant Hill	09	2236CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 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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MISSOURI, Northwest

Lafayette County 7 S Higginsville	09	2315CST			0	0			Thunderstorm Wind (G55)
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Lafayette County Mayview	09	2316CST			0	0			Hail (0.88)
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Cooper County Pilot Grove	10	0000CST			0	0			Hail (0.88)
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Howard County Glasgow	10	0008CST			0	0			Hail (0.75)
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MOZ032-039>040-044-046-054 Chariton - Saline - Howard - Johnson - Cooper - Henry

10	0800CST				0	0			Flood
17	0800CST								

Thunderstorms with heavy rains up to 2 1/2 inches fell across portions of the area.

Minor to moderate flooding was reported on the Big Creek at Blairstown, South Grand River at Urich, Blackwater River at Valley City and Blue Lick, Moniteu Creek at Fayette, Petite Saline Creek near Boonville and the Grand River at Sumner. The Blackwater River at Blue Lick crested at 29.71 feet, or 5.71 feet above flood stage.

Cass County Belton	10	1542CST			0	0			Hail (0.75)
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Cass County Raymore	10	1542CST			0	0			Tstm Wind/Hail
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Ham radio observer reported one inch hail and wind gusts to 60 mph.

Cass County Belton	10	1546CST			0	0			Hail (1.75)
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Cass County Belton	10	1550CST			0	0			Hail (1.00)
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Jackson County Lees Summit	10	1550CST			0	0			Hail (0.75)
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Jackson County Lees Summit	10	1552CST			0	0			Hail (1.75)
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Jackson County Lees Summit	10	1553CST			0	0			Hail (1.00)
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Cass County Pleasant Hill	10	1558CST			0	0			Hail (1.25)
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Cass County Pleasant Hill	10	1600CST 1800CST			0	0			Flash Flood
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Flooding from one to two inches of rain was reported in Pleasant Hill. Several roads were closed due to high water.

Jackson County Blue Spgs	10	1604CST			0	0			Hail (0.75)
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Johnson County Kingsville	10	1604CST			0	0			Hail (1.00)
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Johnson County 5 N Kingsville	10	1607CST			0	0			Hail (1.50)
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Cass County 4 NE Strasburg	10	1610CST			0	0			Hail (1.75)
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Johnson County Holden	10	1616CST			0	0			Tstm Wind/Hail
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Law enforcement reported one inch hail and wind gusts estimated to 60 mph.

Johnson County Pittsville	10	1619CST			0	0			Hail (1.75)
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Johnson County 4 W Warrensburg to 4 ENE Warrensburg	10	1620CST 1630CST	8	75	0	0	2M		Tornado (F1)
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A tornado moved across the north side of Warrensburg, damaging approximately 100 homes and businesses. No injuries or deaths were reported. The tornado was on the ground for 10 minutes, moving

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Northwest									
Grundy County									
5 E Trenton	10	1941CST			0	0			Thunderstorm Wind (G52)
									Public reported large trees down on highway 6.
Adair County									
Novinger	10	2035CST			0	0			Thunderstorm Wind (G52)
Adair County									
Kirksville	10	2050CST			0	0	10K		Thunderstorm Wind
									Law enforcement reported power line down near Kirksville on route P and a door torn off shed.
Atchison County									
Tarkio	11	0257CST			0	0			Thunderstorm Wind (G52)
Platte County									
Bean Lake	11	0923CST			0	0			Thunderstorm Wind (G52)
Buchanan County									
St Joseph	11	0935CST			0	0			Thunderstorm Wind (G52)
									Law enforcement reported large tree down.
Andrew County									
Empire Prairie	11	0955CST			0	0			Hail (0.75)
Gentry County									
Stanberry	11	1014CST			0	0			Hail (0.75)
Gentry County									
Stanberry	11	1015CST			0	0			Hail (1.75)
Worth County									
Worth	11	1025CST			0	0			Hail (0.75)
Gentry County									
5 NE Gentry to 7 NE Gentry	11	1030CST 1032CST	2	100	0	0			Tornado (F1)
									A tornado touched down 5 miles northeast of Gentry and moved northeast. No significant damage was observed with tornado crossing county line into Worth county at 1032 am.
Worth County									
2 W Denver to 8 N Allendale	11	1032CST 1040CST	14	100	0	0	100K		Tornado (F2)
									The tornado that initially touched down in Gentry county, crossed into Worth county at 1032 am, 2 miles west of Denver. It crossed into Iowa 8 miles north of Allendale at 1040 am. One home was destroyed along with several out buildings.
Jackson County									
Kansas City	14	1845CST			0	0			Thunderstorm Wind (G52) ^M
Jackson County									
Raytown	14	1845CST			0	0			Hail (0.75)
Jackson County									
Unity Vlg	14	1845CST			0	0	5K		Thunderstorm Wind (G75) ^M
									Wind gusts to 86 mph were recorded at Unity Village. A large plate glass window was destroyed, on the 4th floor of the main building. A 11/2 foot diameter tree was blown over as well as numerous smaller trees.
Jackson County									
Lees Summit	14	1850CST			0	0	5K		Thunderstorm Wind (G61) ^M
									Wind gusts to 70 mph were observed at the Lee's Summit airport. A large wall was blown off a new building at the airport.
Lafayette County									
7 SE Odessa	14	1931CST			0	0			Hail (0.88)
Johnson County									
1 NW Warrensburg	14	1942CST			0	0			Thunderstorm Wind (G60)
Johnson County									
5 N Warrensburg to 5 NW Warrensburg	14	1943CST			0	0			Hail (0.88)
Johnson County									
Knob Noster	14	1955CST			0	0	2K		Thunderstorm Wind (G70)
									Trained spotter estimated wind gusts to 80 mph with cars blown off road.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSOURI, Northwest</u>									
Jackson County									
Kansas City	14	2025CST			0	0			Hail (1.00)
Johnson County									
3 S Kingsville	14	2045CST			0	0			Hail (1.75)
Cass County									
Drexel	14	2049CST			0	0			Tstm Wind/Hail
Law enforcement reported 70 mph wind gusts and 1 3/4 inch hail.									
Jackson County									
Lone Jack	14	2109CST 2359CST			0	0			Flash Flood
Flash flooding of creek in Blue-Gray park reported. Several roads in park became impassable due to high water.									
Johnson County									
Holden	14	2113CST			0	0			Hail (0.75)
Bates County									
Adrian	14	2121CST			0	0			Tstm Wind/Hail
Trained spotter reported 3/4 inch hail and wind gusts to 60 mph.									
Johnson County									
Centerview	14	2122CST			0	0			Tstm Wind/Hail
Emergency manager estimated wind gusts to 80 mph and one inch hail.									
Johnson County									
Warrensburg	14	2149CST			0	0			Flash Flood
Route DD flooded just north of Warrensburg.									
Pettis County									
La Monte	14	2152CST			0	0			Tstm Wind/Hail
Emergency manager reported 3/4 inch hail and wind gusts to 60 mph.									
Henry County									
Tightwad	14	2155CST			0	0			Thunderstorm Wind (G60)
MOZ044-054 Johnson - Henry									
	15	0500CST			0	0			Flood
	17	2200CST							
Heavy rains caused the Blackwater River at Valley city to crest at 24.10 feet, or 2.1 feet above flood stage. The South Grand River at Ulrich crested at 24.80 feet, 0.8 feet above flood stage.									
Holt County									
3 SE New Pt	20	1805CST			0	0			Hail (0.75)
Andrew County									
3 SW Fillmore	20	1818CST			0	0			Hail (1.00)
Nodaway County									
3 E Maryville	20	1834CST			0	0			Hail (1.75)
Nodaway County									
6 W Parnell	20	1845CST			0	0			Hail (2.75)
Worth County									
3 NE Sheridan	20	1852CST			0	0			Hail (1.75)
Daviess County									
1 E Alta Vista	20	2315CST			0	0			Tstm Wind/Hail
Law enforcement reported one inch hail and estimated wind gusts to 60 mph.									
De Kalb County									
Weatherby	20	2325CST			0	0			Hail (0.75)
Sullivan County									
Harris	21	0010CST			0	0			Thunderstorm Wind (G53) ^M
<u>MISSOURI, Southeast</u>									
Bollinger County									
1 N Patton	03	1445CST			0	0			Hail (0.75)
Bollinger County									
5 S Sedgewickville	03	1506CST			0	0			Thunderstorm Wind (G50)
A tree was down in Marble Hill, and another was down several miles south of Sedgewickville.									

Storm Data and Unusual Weather Phenomena

April 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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MISSOURI, Southeast

Scott County

Lusk	03	1542CST			0	0			Hail (0.75)
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Mississippi County

Alfalfa Center	03	1600CST			0	0			Hail (0.75)
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MOZ076-086>087-100-107>108-111 Perry - Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Scott

	18	0400CST 0800CST			0	0			Frost
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An unusually late frost damaged unprotected crops and gardens. The low temperature at Cape Girardeau was 27 degrees, and Doniphan in Ripley County got down to 28 degrees. Among the most severely affected crops were strawberries, peaches, nectarines, and apples.

MISSOURI, Southwest

Barton County

Liberal	02	1229CST			0	0	0		Hail (0.75)
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Barton County

Golden City	02	1309CST			0	0	0		Hail (0.75)
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Dade County

Neola	02	1320CST			0	0	0		Hail (0.75)
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Dade County

Dadeville	02	1338CST			0	0	0		Hail (1.00)
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Polk County

Eudora	02	1343CST			0	0	0		Hail (1.00)
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Quarter sized hail was also reported in Aldrich.

Polk County

4 S Bolivar	02	1418CST			0	0	0		Hail (0.88)
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Dallas County

Buffalo	02	1435CST			0	0	0		Hail (0.75)
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Dallas County

3 E Urbana	02	1600CST			0	0	0		Hail (1.00)
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Benton County

Ionia	03	0956CST			0	0	0		Hail (1.00)
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Morgan County

North Portion	03	1102CST			0	0	0		Flash Flood
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Significant street flooding occurred around the Versailles area, with rainfall amounts averaging between two and three inches across the northern portion of the county. Some isolated four inch totals were near the communities of Versailles and Pymont.

Morgan County

2 N Barnett	03	1105CST			0	0	0		Hail (1.75)
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Quarter sized hail was also reported west of Barnett.

Miller County

Eldon	03	1114CST			0	0	0		Hail (0.75)
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Morgan County

5 S Gravois Mills	03	1125CST			0	0	0		Hail (0.75)
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Camden County

Sunrise Beach	03	1138CST			0	0	0		Hail (0.75)
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Miller County

St Elizabeth	03	1142CST			0	0	0		Hail (0.75)
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Miller County

Countywide	03	1142CST 1230CST			0	0	0		Flash Flood
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Significant street flooding occurred around the Eldon area. Rainfall totals averaged around two inches countywide, with isolated totals of three to four inches near Iberia, Brays and St. Anthony.

Maries County

Vienna	03	1223CST			0	0	0		Hail (0.75)
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Pulaski County

Dixon	03	1228CST			0	0	0		Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Southwest									
Phelps County									
St James	03	1242CST			0	0	0		Hail (1.75)
			Dime sized hail was also reported in Doolittle.						
Webster County									
Elkland	03	1254CST			0	0	0		Hail (0.75)
Webster County									
2 S Sampson	03	1320CST			0	0	0		Hail (0.75)
Webster County									
Niangua	03	1340CST			0	0	0		Hail (1.00)
			Dime sized hail was also reported in Marshfield.						
Wright County									
Grovespring	03	1345CST			0	0	0		Hail (0.88)
Wright County									
Hartville	03	1412CST 1420CST			0	0	3M		Thunderstorm Wind
			Golfball to baseball sized hail was common across portions of Wright County. Almost every house in Hartville needed roof repair, plus over 200 vehicles were damaged. The heaviest concentration of damage was about two miles south of Hartville, to about five miles north. Insurance companies estimated that over three million dollars damage in the Hartville area alone, with an average of \$7500 per home, and \$5700 for each car. Hartville high school also suffered damage to its gym and buses. Along with the hail damage, localized straight line winds uprooted numerous trees and power lines around Hartville. Along with the three million dollars in Hartville, this storm created another million in damages as it tracked into Texas County.						
Wright County									
Norwood	03	1430CST			0	0	100K		Hail (1.75)
			This is the continuation of the Hartville hail storm that produced golfball sized hail around Norwood. Damage was confined to local businesses and homes.						
Wright County									
2 S Mountain Grove	03	1440CST			0	0	500K		Hail (2.75)
			This is the continuation of the Hartville hail storm which produced locally baseball sized around Mountain Grove. Local insurance agencies have averaged the dollar amount in southeast Wright County to around one half million dollars.						
Douglas County									
3 E Vanzant	03	1455CST			0	0	250K		Hail (4.50)
			This is the continuation of the Hartville hail storm which produced baseball to softball size hail in the northeast part of Douglas County. Countless numbers of cars, roofs and local businesses sustained damage.						
Texas County									
2 S Cabool	03	1456CST			0	0	150K		Hail (1.00)
			This is the continuation of the Hartville hail storm which produced baseball to softball sized hail in the extreme southwest part of Texas County. Damage was confined to local businesses, homes and cars.						
Howell County									
Pomona	03	1520CST			0	0	50K		Hail (1.25)
			This is the continuation of the Hartville hail storm which produced half dollar sized hail near Pomona. Damage was confined to a few cars and roofs.						
Howell County									
12 S Willow Spgs	03	1525CST			0	0	100K		Hail (2.50)
			This is the continuation of the Hartville hail storm which produced locally two and one-half inch sized hail south of Willow Springs. Damage was confined to cars and homes.						
Howell County									
West Plains	03	1543CST			0	0	150K		Hail (1.75)
			This is the continuation of the Hartville hail storm which produced golfball sized hail in the southeast part of West Plains. Damage was confined to homes and cars.						
Oregon County									
Thayer	03	1635CST			0	0	0		Hail (1.75)
Benton County									
Edwards	09	1900CST			0	0	0		Hail (1.75)
Hickory County									
Hermitage	09	1900CST			0	0	0		Hail (0.75)
Camden County									
Macks Creek	09	1901CST			0	0	0		Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Southwest									
Camden County									
1 NW Lake Ozarks W	09	1920CST			0	0	0		Hail (1.00)
Hickory County									
Hermitage	09	1920CST			0	0	0		Hail (0.75)
Morgan County									
7 S Gravois Mills	09	1920CST			0	0	0		Hail (1.00)
Camden County									
Macks Creek	09	1921CST			0	0	0		Hail (3.50)
Hickory County									
Preston	09	1940CST			0	0	2K		Hail (0.88)
A mobile home was also damaged 6 miles east of Preston.									
Camden County									
Decaturville	09	1949CST			0	0	5K		Thunderstorm Wind
Numerous trees and power lines were blown down near Decaturville.									
Laclede County									
Eldridge	09	1956CST			0	0	10K		Hail (1.75)
Numerous windows were blown out at a local waste management plant.									
Miller County									
Tuscumbia	09	2000CST			0	0	0		Hail (0.75)
Pulaski County									
Crocker	09	2005CST			0	0	5K		Hail (1.00)
Trees and power lines were also blown down near Crocker.									
Maries County									
Vienna to Vichy	09	2010CST			0	0	0		Hail (1.00)
Pulaski County									
Crocker	09	2020CST			0	0	0		Thunderstorm Wind (G52)
Phelps County									
Rolla	09	2100CST			0	0	20K		Thunderstorm Wind
Straight line winds damaged cars and a billboard sign near Rolla.									
Benton County									
3 WSW Ionia	09	2121CST			0	0	0		Hail (1.00)
Mcdonald County									
Longview	11	0829CST			0	4	25K		Thunderstorm Wind
Straight line winds caused considerable damage to a local cafe, store and feed mill. Four injuries were reported in the Longview area due to flying debris.									
Newton County									
Stella	11	0840CST 0900CST			0	1	25K		Thunderstorm Wind
The storm tore a half mile path of destruction for several miles in the area, destroying playground equipment at a local head start, a feed bin, and the roof from the Missouri Department of Transportation Highway Barn. Numerous trees and power lines were also blown down around Stella, plus a mobile home was overturned which produced an injury.									
Lawrence County									
5 NW Pierce City	11	0900CST			0	0	3K		Thunderstorm Wind
A roof was damaged near Pierce City.									
Barton County									
Lamar	11	0900CST			0	0	0		Thunderstorm Wind
Trees were blown down around Lamar.									
Barry County									
Monett	11	0905CST			0	0	0		Thunderstorm Wind
Trees were blown down around Monett.									
Vernon County									
Richards	11	0915CST			0	0	15K		Thunderstorm Wind
A barn was destroyed near Richards.									
Cedar County									
4 E El Dorado Spgs	11	0920CST			0	0	0		Thunderstorm Wind
Trees were blown down east of El Dorado Springs.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Southwest									
Dade County									
Lockwood	11	0920CST			0	0	5K		Thunderstorm Wind
Trees and power lines were blown down near Lockwood.									
Cedar County									
5 W El Dorado Spgs	11	0927CST	0.1	10	0	0	0		Tornado (F0)
A tornado briefly touchdown 5 miles west of El Dorado Springs, however no damage or injuries were reported.									
St. Clair County									
Blackjack	11	0950CST			0	0	0		Thunderstorm Wind
Trees were blown down near Blackjack.									
Lawrence County									
5 W Halltown	11	0950CST			0	0	0		Thunderstorm Wind
Trees were blown down west of Halltown.									
Christian County									
3 W Boaz	11	0950CST			0	0	0		Thunderstorm Wind
Trees were blown down west of Boaz.									
Greene County									
Springfield	11	1005CST			0	0	0		Thunderstorm Wind
Trees were blown down around the Springfield area.									
Webster County									
Marshfield	11	1040CST			0	0	0		Thunderstorm Wind
Trees were blown down near Marshfield.									
Dallas County									
Plad	11	1045CST			0	0	5K		Thunderstorm Wind
Power lines were blown down near Plad.									
Laclede County									
Conway	11	1105CST			0	0	0		Thunderstorm Wind
Trees were blown down near Conway.									
MOZ070									
Pulaski									
	11	1125CST			0	0	150K		High Wind
Strong winds hit the area with over 100 trees blown down and a few homes damaged. Around the Fort Leonard Wood area, winds came through and destroyed half of the boat dock and damaged many of the pontoon and bass boats.									
Wright County									
Mansfield	11	1210CST			0	0	10K		Thunderstorm Wind (G65)
A machine shop was damaged in Mansfield.									
MOZ066									
Vernon									
	11	1430CST			0	1	3K		High Wind
A guard shack was blown 30 feet across a local business, it caused one injury to the individual in the shack.									
MOZ088									
Jasper									
	11	1500CST			0	0	0		High Wind
Numerous trees were blown down near Carthage.									
MOZ058									
Maries									
	11	2328CST			0	0	0		High Wind (G50) ^M
The Rolla/Vichy airport wind sensor reported a 58 mph wind gust.									
MOZ057									
Miller									
	12	0150CST			0	0	2.5K		High Wind
Power lines were blown down around the Iberia area.									
MOZ070									
Pulaski									
	12	0215CST			0	0	0		High Wind
Trees were blown down around the Dixon area.									
Benton County									
Lincoln	14	2129CST			0	0	0		Hail (0.75)
Benton County									
Cole Camp	14	2137CST			0	0	0		Hail (0.75)
St. Clair County									
Ohio	14	2150CST			0	0	0		Hail (1.00)
Benton County									
Lincoln	14	2200CST			0	0	5K		Thunderstorm Wind
Numerous windows were blown out around the Lincoln area. 60 mph winds were also reported near Cole Camp.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Southwest									
Morgan County									
Versailles	14	2235CST			0	0	5K		Thunderstorm Wind
Numerous power lines were blown down around the Versailles area.									
Jasper County									
Joplin	14	2245CST			0	0	0		Thunderstorm Wind (G52)
Newton County									
Diamond	14	2259CST			0	0	0		Hail (0.88)
Lawrence County									
Aurora	14	2344CST			0	0	0		Hail (1.00)
Nickel sized hail was also reported near Verona.									
Greene County									
Republic	14	2350CST			0	0	0		Hail (0.75)
Greene County									
Battlefield	14	2353CST			0	0	0		Hail (0.75)
Dime sized hail was also reported in Springfield.									
Christian County									
Billings	14	2355CST			0	0	0		Hail (0.88)
Webster County									
Rogersville	15	0001CST			0	0	0		Thunderstorm Wind (G52)
Dime sized hail was also reported in Rogersville.									
Stone County									
Crane	15	0005CST			0	0	0		Hail (0.75)
Newton County									
Seneca	15	0005CST 0010CST			0	0	50K		Thunderstorm Wind
The neighborhood's hardest hit area was behind the Seneca elementary school, and along Sherry street. Homes and local businesses were damaged due to uprooted trees and power lines.									
Barton County									
5 W Golden City	15	0010CST			0	0	0		Hail (1.00)
Newton County									
.5 SE Redings Mill to 5 ESE Redings Mill	15	0010CST 0025CST	5	100	0	1	2M		Tornado (F1)
A tornado developed southeast of Redings Mill and continued east of business Highway 71, or about 5 miles east southeast of Redings Mill. Damage was widespread along the track of the tornado. Several outbuildings and homes were damaged, one trailer was flipped over which contributed to an injury. Near the end of the track, a large well-built autobody and paint shop was destroyed along with another building just east of Highway 71 as the tornado lifted. Top winds were estimated around 115 mph.									
Dade County									
Lockwood	15	0015CST			0	0	0		Hail (0.75)
Newton County									
7 SSW Neosho to 3 SW Boulder City	15	0017CST 0030CST	8	400	0	0	4M		Tornado (F1)
A tornado had an intermittent track from 8 miles south southwest of Neosho, to 3 miles southwest of Boulder City. A log home and a drilling company were completely destroyed, plus numerous outbuildings, sustained considerable damage. Over 100 trees and power lines were uprooted along the tornado's track.									
Newton County									
Neosho	15	0017CST 0030CST			0	0	10K		Thunderstorm Wind (G52)
Numerous power lines and trees were blown down around Neosho.									
Jasper County									
Joplin	15	0020CST 0030CST			0	10	1M		Thunderstorm Wind
Straight line winds toppled numerous power lines and trees around Joplin. Structural damage occurred to homes and businesses along 32nd street, concentrated in a 3 to 4 block wide area approximately 4 to 5 miles in length. Empire Electric Power estimated 7500 customers were without power during the height of the storm, and some power was not restored for three days.									
Newton County									
Granby	15	0030CST			0	0	25K		Thunderstorm Wind
A convenience store roof was damaged by straight line winds around Granby. 60 mph winds were also reported near Neosho.									
Wright County									
Mansfield	15	0035CST			0	0	0		Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Southwest									
Mcdonald County									
Rocky Comfort	15	0040CST			0	9	125K		Thunderstorm Wind
									Four to five trailers were destroyed near the Rocky Comfort area.
Barry County									
Wheaton to Butterfield	15	0042CST 0048CST			0	0	100K		Thunderstorm Wind
									Several buildings were damaged from the Wheaton and Purdy area, eastward to around Butterfield. One trailer was destroyed along with numerous trees and power lines blown down. 70 mph winds and roof damage were also reported in Cassville.
Douglas County									
Ava	15	0043CST			0	0	0		Hail (0.88)
Lawrence County									
Aurora	15	0050CST			0	0	0		Hail (1.00)
Greene County									
2 W Springfield	15	0050CST			0	0	0		Hail (1.00)
									Nickel sized hail was also reported in Republic.
Texas County									
Simmons	15	0050CST			0	0	0		Hail (1.75)
									Golfball sized hail was also reported in Houston.
Douglas County									
3 E Brushyknob	15	0100CST			0	0	0		Hail (0.75)
Barry County									
1 N Wheelerville	15	0105CST			0	0	0		Hail (0.88)
Stone County									
Crane	15	0105CST			0	0	0		Hail (0.75)
									Trees were also blown down around the Crane area.
Christian County									
Highlandville	15	0112CST			0	0	0		Thunderstorm Wind (G52)
Texas County									
Tyrone	15	0115CST			0	0	0		Hail (1.75)
Stone County									
1 N Kimberling City	15	0115CST 0116CST	0.1	100	0	0	1M		Tornado (F1)
									A tornado briefly touched down one mile north of Kimberling City. It caused a steel roof from a boat and marina shop to be removed, plus several large boats inside were damaged or destroyed.
Taney County									
3 W Branson to Protom	15	0115CST 0135CST			0	1	100K		Thunderstorm Wind
									This is the continuation of 70 to 90 mph straight line winds that blew across Stone County, and moved into southern portions of Taney County. Although numerous trees and power lines were blown down across the county, the most concentrated area was from Cedar creek to Protom in southeast Taney County, where over 400 trees and power lines completely blocked county roads for more than two days. During the height of the storm, Empire District Electric had approximately 3000 customers without power for more than 18 hours, plus fire and rescue personnel had to evacuate 12 people stranded on the dock at Gage's Long Creek Marina west of Ridgedale. In addition, the boat dock at Big Bear Resort was destroyed when the wind lifted the dock off the water, overturning it and all of the boats. A fuel spill occurred at a fuel station on Highway 165 when the fuel level gauge on an above ground storage tank was broken off by the wind. More than 100 gallons of fuel poured into the secondary containment enclosure. Two homes under construction off Highway 265 west of Branson were also damaged. Injuries were relatively minor, however one woman was injured on Fruit Farm Road south of Hollister when a shed she was in blew over.
Stone County									
Kimberling City to Reeds Spg	15	0120CST 0131CST			0	0	2M		Thunderstorm Wind
									A wide area of straight line wind damage occurred between Kimberling City and Reeds Spring. Damage was extensive to condos, and single family homes in the Kimberling City area. Numerous boat docks on Table Rock Lake floated away from shore or simply were mangled or flipped over. A significant amount of trees and power lines were blown down between Kimberling City and Reeds Spring.
Howell County									
West Plains	15	0120CST			0	0	0		Hail (0.88)
Ozark County									
Noble	15	0125CST			0	0	0		Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 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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MISSOURI, Southwest

Greene County									
Springfield	15	0130CST			0	0	0		Hail (1.00)
Shannon County									
Winona	15	0135CST			0	0	0		Hail (1.00)
Howell County									
Moody	15	0145CST			0	0	0		Hail (0.75)
Ozark County									
Gainesville	15	0150CST			0	0	0		Thunderstorm Wind
Numerous trees were blown down around the Gainesville area.									
Newton County									
2 W Diamond	22	2222CST			0	0	0		Hail (0.75)
Jasper County									
Duenweg	22	2235CST			0	0	0		Thunderstorm Wind
Trees were blown down near Duenweg.									
Dade County									
Lockwood	22	2300CST			0	0	2K		Thunderstorm Wind
Trees and power lines were blown down near Lockwood.									

MONTANA, Central

MTZ014 Southern Lewis And Clark									
	02	0800MST			0	0			Heavy Snow
		2000MST							
8 inches snowfall reported by general public at Helena 10 W.									
MTZ048 Southern Rocky Mountain Front									
	02	1100MST			0	0			Heavy Snow
	03	1100MST							
8 inches of snowfall reported by spotter in Choteau.									
MTZ009 North Rocky Mountain Front									
	02	1100MST			0	0			Heavy Snow
	03	0900MST							
14 inches snowfall reported near town of East Glacier (National Park Service office in Glacier National Park).									
MTZ009 North Rocky Mountain Front									
	02	1100MST			0	0			Heavy Snow
	03	1000MST							
23 inches snowfall reported at St Mary Ranger Station of US Park Service.									
MTZ009 North Rocky Mountain Front									
	02	1100MST			0	0			Heavy Snow
	03	0600MST							
14 inches snowfall reported by spotter in Dupuyer.									
MTZ010 Eastern Glacier									
	02	1100MST			0	0			Heavy Snow
	03	0800MST							
11 inches snowfall reported by general public at Cut Bank 5 N.									
MTZ046 Eastern Pondera									
	02	1100MST			0	0			Heavy Snow
	03	1000MST							
8 inches snowfall reported by spotter in Valier.									
MTZ009 North Rocky Mountain Front									
	02	1100MST			0	0			Heavy Snow
	03	1000MST							
18 inches snowfall reported by spotter in Babb.									
MTZ048 Southern Rocky Mountain Front									
	02	1200MST			0	0			Heavy Snow
	03	1200MST							
10 inches snowfall reported by spotter at Blackleaf.									
MTZ044 Toole									
	02	1200MST			0	0			Heavy Snow
	03	1000MST							
12 inches snowfall reported by spotter in Ethridge.									

Storm Data and Unusual Weather Phenomena

April 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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MONTANA, Central

MTZ010	Eastern Glacier								
	02	1200MST			0	0			Heavy Snow
	03	1200MST							
	14 inches snowfall reported at Del Bonita Port-of-Entry (US Customs).								
MTZ015	Madison								
	04	1400MST			0	0	1K		High Wind (G60)
	Twin Bridges...storage shed roof damaged.								
MTZ054	Meagher								
	08	1700MST			0	0			Heavy Snow
	09	0800MST							
	10 inches snowfall reported by spotter at White Sulphur Springs 27 NW (actual spotter location name Millegan 14 SE).								
MTZ015	Madison								
	08	1700MST			0	0			Heavy Snow
	09	0800MST							
	10 inches snowfall reported by spotter at Alder 17 S.								
MTZ015	Madison								
	08	1900MST			0	0			Heavy Snow
	09	0700MST							
	6 inches snowfall reported by spotter in Virginia City.								
MTZ055	Gallatin								
	08	2100MST			0	0			Heavy Snow
	09	0900MST							
	7 inches snowfall reported by spotter at Big Sky 2 WNW.								
MTZ009	North Rocky Mountain Front								
	11	0000MST			0	0			Heavy Snow
		1700MST							
	13 inches snowfall reported near town of East Glacier (National Park Service office in Glacier National Park).								
MTZ048	Southern Rocky Mountain Front								
	11	0000MST			0	0			Heavy Snow
		1500MST							
	18 inches snowfall reported by general public at Augusta 4 W.								
MTZ048	Southern Rocky Mountain Front								
	11	0100MST			0	0			Heavy Snow
		1500MST							
	9 inches snowfall reported by spotter at Pendroy 18 W.								
MTZ012	Cascade								
	11	0130MST			0	0			Heavy Snow
		1700MST							
	13 inches snowfall reported by spotter at Cascade 5 S.								
MTZ014	Southern Lewis And Clark								
	12	0000MST			0	0			Heavy Snow
		1100MST							
	6 inches snowfall reported by spotter at Holter Dam.								
MTZ048	Southern Rocky Mountain Front								
	20	0600MST			0	0			Heavy Snow
		1800MST							
	8 inches snowfall reported by spotter in Blackleaf.								
MTZ008	Beaverhead								
	20	1100MST			0	0			Heavy Snow
	21	0100MST							
	11 inches snowfall reported by spotter in Lima.								
MTZ008	Beaverhead								
	20	1300MST			0	0			Heavy Snow
	21	0100MST							
	7 inches snowfall reported by spotter in Grant.								
MTZ055	Gallatin								
	20	1500MST			0	0			Heavy Snow
	21	0300MST							
	7 inches snowfall reported by spotter at Big Sky 2 WNW.								

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MONTANA, Central</u>									
MTZ055		Gallatin							
	20	1500MST			0	0			Heavy Snow
	21	0300MST							
	10 inches snowfall reported by spotter at Hebgen Dam.								
MTZ054		Meagher							
	20	1500MST			0	0			Heavy Snow
	21	0300MST							
	6 inches snowfall reported by spotter in Lennep.								
Beaverhead County									
Dillon Arpt	28	1444MST			0	0			Thunderstorm Wind (G55)^M
	Dillon Airport ASOS.								
MTZ008		Beaverhead							
	30	1800MST			0	0			High Wind (G51) ^M
	Brenner RAWS site.								
MTZ055		Gallatin							
	30	2010MST			0	0	6K		High Wind (G57) ^M
	Bozeman spotter...57 kt gust also reported at 2200 MST...Trees knocked over...Traffic light blown down...damage to automobiles...shingles blown off roofs...power outage across Gallatin Valley.								
<u>MONTANA, East</u>									
MTZ020-023>024-062		Western Roosevelt - Mccone - Richland - Eastern Roosevelt							
	01	0100MST			0	0			Winter Storm
	02	0400MST							
	A spring storm swept across Eastern Montana resulting in areas of heavy snow in the Big Sheep Mountains. Snowfall amounts ranged from 6 to 10 inches.								
<u>MONTANA, South</u>									
MTZ028		Wheatland							
	08	2215MST			0	0			Heavy Snow
	5 inches of new snow with much blowing and drifting								
MTZ029		Musselshell							
	09	0130MST			0	0			Heavy Snow
	5 inches of new snow at Rygate								
MTZ029		Musselshell							
	09	0610MST			0	0			Heavy Snow
	6 inches of new snow 5 miles NW of Broadview								
MTZ035		Yellowstone							
	09	0635MST			0	0			Heavy Snow
	8 inches of heavy wet snow 30 miles north of Billings in the Bull Mountains. Tree branches broken.								
MTZ029		Musselshell							
	09	0740MST			0	0			Heavy Snow
	6 inches of new snow 10 miles SW of Rygate								
MTZ038		Southern Big Horn							
	09	0850MST			0	0			Heavy Snow
	4-5 foot drifts in the Kirby/Decker area. Crow and Lodge Grass areas no power due to downed power lines along highway 212.								
MTZ038		Southern Big Horn							
	09	0905MST			0	0			Heavy Snow
	8 - 10 inches of new snow in Busby along with big drifts. No electricity. Started off as thundersnow.								
MTZ038		Southern Big Horn							
	09	0915MST			0	0			Heavy Snow
	10-12 inches of heavy, wet snow just inside the Bighorn County line. Blowing and drifting with blizzard conditions. Old Hardin road impassable.								
MTZ035		Yellowstone							
	09	0955MST			0	0			Heavy Snow
	12 inches of heavy, wet snow 10 to 12 miles east of Billings.								
MTZ038		Southern Big Horn							
	09	1400MST			0	0	1.2M		Heavy Snow
	Heavy, wet snow with 4 to 5 foot drifts in the Decker and Kirby area along highway 314.								
	An early spring snowstorm blasted parts of South Central and Southeast Montana on April 8th and April 9th. Southern Big Horn								

Storm Data and Unusual Weather Phenomena

April 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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MONTANA, South

County was the hardest hit. An estimated 600 power poles were knocked down from heavy, wet snow, ice, and wind. Thousands of people were without power for up to 7 days. The hardest hit area was along Route 314 in the Kirby/Decker area...as well as...in the western end of the Northern Cheyenne Indian Reservation.

MTZ028

Wheatland

21 0155MST 0 0 Heavy Snow

6 inches of snow in Big Timber

MTZ028

Wheatland

21 0155MST 0 0 Heavy Snow

5 inches of snow in Gardiner

MTZ034

Stillwater

21 0155MST 0 0 Heavy Snow

6 inches of snow in Red Lodge

MTZ031

Northern Rosebud

21 0245MST 0 0 Heavy Snow

6 inches of snow in Lame Deer

MTZ028

Wheatland

21 0245MST 0 0 Heavy Snow

10 inches of snow 10 miles north of Two Dot

MTZ028

Wheatland

21 0800MST 0 0 Heavy Snow

12 inches of snow 4 miles west of Melville

MTZ034

Stillwater

21 0845MST 0 0 Heavy Snow

8-10 inches of snow in Nye

Yellowstone County

Billings

30 2300MST 0 0 Thunderstorm Wind (G69)^M

69 mph thunderstorm wind gust at the Billings Airport

MONTANA, West

MTZ002-043

West Glacier Region - Blackfoot Region

01 0000MST 0 0 Heavy Snow
0600MST

15 hour heavy snowfall amounts included: in Flathead County, 7 inches at Olney, and 8 inches at Noisy Basin; in Lake County, 8 inches at Moss Peak; in Missoula County, 13.5 inches at North Fork Jocko.

MTZ001>003-043

Kootenai/Cabinet Region - West Glacier Region - Flathead/Mission Valleys - Blackfoot Region

02 1600MST 0 0 Heavy Snow
03 1200MST

20 hour heavy snowfall amounts impacted areas of western Montana including: in Lincoln County, 7 inches at Troy and Yaak, 8 inches at Banfield Mountain, and 11 inches at Hawkins Peak; in Flathead County, 7 inches at Whitefish and Kalispell, 8 inches at Bigfork, 10 inches at Essex, 11 inches at Marias Pass, 12.5 inches at Flattop Mountain, 14.5 inches at Pike Creek, and 17 inches at Noisy Basin; in Lake County, 8 inches at Yellow Bay, and 16 inches at Moss Peak.

MTZ001>002-006-043

Kootenai/Cabinet Region - West Glacier Region - Bitterroot / Sapphire Mountains - Blackfoot Region

07 1500MST 0 0 Heavy Snow
08 1300MST

Heavy snow fell over northwest and west central Montana mountains from the afternoon of 4/7/01 through the mid morning hours of 4/8/01. Snowfall totals reported included 9 inches at Hawkins Lake, Stahl Peak, Flattop Mountain, Lolo Pass and Twin Lakes. Big Mountain and Point Six received 7 inches. The heaviest snow fell over Noisy Basin which recorded 17 inches of new snow and Moss Peak receiving 11 inches. Isolated heavy snow fell in some valley locations with Crow Dam and near Stevensville receiving 6 inches of snow.

MTZ006>007

Bitterroot / Sapphire Mountains - Butte / Pintlar Region

20 0400MST 0 0 Heavy Snow
21 1000MST

A late spring storm brought heavy wet snow to southwest Montana near the Continental Divide. Snowfall totals were: Elliston and 8 miles south of Butte 15 inches, Barker Lakes 11 inches, Rocker 9 inches, Skalkaho Summit 7 inches, and Warm Springs 6 inches.

NEBRASKA, Central

Garden County

Lewellen

02 2130CST 0 0 Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
NEBRASKA, Central									
Wheeler County									
5 SE Ericson to 4 NE Ericson	06	1430CST 1438CST			0	0			Hail (1.00)
Wheeler County									
4 S Bartlett	06	1445CST			0	0	5K		Hail (1.75)
Chase County									
11 S Imperial	06	1730CST			0	0			Hail (0.75)
Chase County									
11 S Imperial	06	1730CST			0	0			Thunderstorm Wind (G52)
Chase County									
11 NE Enders	06	1750CST			0	0	3K		Hail (1.75)
Hayes County									
14 NW Hayes Center	06	1802CST			0	0			Hail (0.75)
Lincoln County									
11 SE Wallace to 7 SE Wallace	06	1810CST 1812CST			0	0			Hail (0.75)
Lincoln County									
11 SE Wallace to 7 SE Wallace	06	1810CST 1812CST			0	0	4K		Thunderstorm Wind (G52)
Thunderstorm wind gusts blew down several large trees.									
Perkins County									
7 SW Madrid	06	1815CST			0	0			Hail (0.75)
Custer County									
1 W Berwyn	06	2220CST 2222CST	1	100	0	0	100K		Tornado (F1)
An F1 tornado developed just west of Berwyn in southeast Custer County. In the minute and a half that it was on the ground, it picked up a van on Highway 2, turned it around, and shattered the windows. The occupants of the van were uninjured. Numerous trees were uprooted or snapped off, and the roof was torn off a farm house. Another farmstead suffered damage to the house and barn. There were also irrigation pipes tossed around and bent.									
Holt County									
Chambers									
	06	2347CST	1	100	0	0	10K		Tornado (F1)
A tornado was reported that damaged some buildings and blew some out buildings over. It also blew down several trees.									
NEZ005-023>025-035>037-057>059-069>071									
	11	0800CST 2000CST			0	0			High Wind (G55)
An intense cyclone came out of southeast Colorado, through Kansas, and eastern Nebraska. Widespread sustained wind of 40 to 50 mph with gusts to 65 mph affected a large part of western and north central Nebraska.									
NEZ005>006-008>010-022>026-028-035-035>037-056>058-069									
	11	1530CST 2300CST			0	0	10M		Winter Storm
A powerful cyclone came out of southeast Colorado and through Kansas and eastern Nebraska. Wet snow of 4 to 8 inches accompanied by 40 to 50 mph wind and gusts to 60 mph took down numerous power poles and lines and damaged trees through a large part of north central, central, and southwest Nebraska. It also resulted in the closure of Interstate Highway 80 and many other highways for several hours.									
Hayes County									
6 E Hamlet	20	1620CST			0	0			Hail (0.75)
Lincoln County									
Hershey	20	1650CST			0	0			Hail (1.00)
Lincoln County									
Hershey	20	1650CST			0	0			Thunderstorm Wind (G52)
Lincoln County									
Sutherland	20	1650CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, Central									
Lincoln County									
Sutherland	20	1650CST			0	0			Thunderstorm Wind (G52)
Frontier County									
12 W Eustis	20	1715CST			0	0	1K		Thunderstorm Wind (G52)
									Thunderstorm wind exceeding 60 mph damaged trees.
Lincoln County									
10 NE Wellfleet	20	1730CST			0	0	20K		Thunderstorm Wind
									Thunderstorm wind damages several roofs of houses.
Wheeler County									
10 NE Bartlett	20	1830CST			0	0			Thunderstorm Wind (G52)
Custer County									
3 E Mason City	20	1835CST			0	0			Hail (0.75)
Chase County									
Imperial	20	1900CST			0	0	250K		Thunderstorm Wind (G70)
									Thunderstorm wind blew down power lines and damaged trees.
Hayes County									
15 NW Hayes Center	20	1900CST			0	0	250K		Thunderstorm Wind (G70)
									Thunderstorm wind broke utility poles.
Custer County									
1 SW Callaway	20	1755CST			0	0			Hail (0.75)
Chase County									
Lamar	20	1800CST			0	0			Hail (1.00)
Chase County									
Lamar	20	1845CST			0	0			Thunderstorm Wind (G52)
Chase County									
Imperial	20	1850CST			0	0			Thunderstorm Wind (G52)^M
									Wind blew power lines down in Imperial.
Perkins County									
3 ESE Grant	20	1920CST			0	0			Hail (0.75)
Lincoln County									
8 E Dickens	20	1947CST			0	0			Thunderstorm Wind (G61)
Lincoln County									
North Platte	20	2010CST			0	0	1K		Thunderstorm Wind
									Large tree was blown down near Mid-Plains College
NEZ004>005-022>025-035>036-057									Sheridan - Cherry - Garden - Grant - Hooker - Thomas - Arthur - McPherson - Keith
	21	2200CST			0	0			Winter Storm
	22	2300CST							
									A strong cyclone came out of southeast Colorado and across Kansas and through eastern Nebraska into Iowa. Heavy precipitation accompanied the system statewide. The wintry weather in the Panhandle and the Northwest included a mix of sleet and snow. Sleet accumulated to a couple of inches in many areas. As much as 2 inches of ice was reported near Merritt Reservoir in eastern Cherry County. Power was out in McPherson County. In most areas, 6 to 8 inches of snow accumulated. There was one report of 10 inches near Thedford in Thomas County. All of the highways were closed in the Panhandle by 330 pm CST Sunday April 22. During the heaviest snow, which was from just after midnight April 22 into the afternoon, visibilities were reduced to near zero at times.
Frontier County									
4 W Eustis	22	0903CST			0	0			Flash Flood
									Highway 23 was under water. The flooding was caused by heavy rain on already saturated ground.
Custer County									
4 NW Oconto	22	0910CST			0	0			Hail (0.75)
Frontier County									
Southeast Portion	22	1200CST			0	0			Flash Flood
									Highway 18 was closed east of Orafino due to flooding. The flooding was caused by heavy rain on already saturated ground.
Custer County									
Broken Bow	22	1016CST			0	0			Flash Flood
									State Highway 2 was inundated with water on the east end of Broken Bow due to heavy rain on already saturated ground.
Grant County									
18 SSE Whitman	29	1545CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

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

NEBRASKA, Central

Hayes County									
9 NNE Hayes Center	29	1654CST			0	0			Hail (0.75)
Lincoln County									
7 WSW Wellfleet	29	1700CST			0	0			Hail (0.75)
Lincoln County									
14 NNW North Platte	29	1745CST			0	0			Hail (0.75)
Lincoln County									
6 N Wellfleet	29	1800CST			0	0			Hail (0.88)
Logan County									
10 W Stapleton	29	1825CST			0	0			Hail (0.75)
Lincoln County									
20 N North Platte	29	1831CST			0	0			Hail (0.75)
Logan County									
12 SW Stapleton	29	1831CST			0	0			Hail (0.75)
Mcpheerson County									
11 ESE Tryon	29	1855CST			0	0			Hail (1.00)
Blaine County									
Purdum	29	1930CST			0	0			Hail (0.75)
Mcpheerson County									
10 NE Tryon	29	1930CST			0	0			Hail (0.75)
Thomas County									
7 NW Halsey	29	1930CST			0	0			Hail (0.88)
Logan County									
17 NNW Stapleton	29	1939CST			0	0			Hail (0.75)
Brown County									
30 S Ainsworth	29	2000CST			0	0			Hail (0.75)
Mcpheerson County									
11 ESE Tryon	29	1745CST			0	0			Hail (0.75)
Logan County									
7 WSW Stapleton	29	1800CST			0	0			Hail (0.75)
Cherry County									
15 S Cody	29	1830CST			0	0			Hail (0.75)
Logan County									
Stapleton	29	1900CST			0	0			Hail (0.75)
Custer County									
Sargent	30	2325CST			0	0			Hail (0.75)

NEBRASKA, East

Otoe County									
Douglas	05	1040CST			0	0			Hail (0.75)
Otoe County									
Dunbar	05	1120CST			0	0			Hail (0.75)
Otoe County									
Douglas	05	1121CST			0	0			Hail (0.75)
Cuming County									
West Pt	06	0116CST			0	0			Hail (1.00)
Burt County									
Oakland	06	0140CST			0	0			Hail (0.75)
Boone County									
Albion	06	1505CST			0	0			Hail (0.75)
Antelope County									
3 W Clearwater	06	1505CST			0	0			Hail (0.75)
Pierce County									
1 S Pierce	06	1559CST			0	0			Hail (0.75)
Cedar County									
2 SE Laurel	06	1625CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, East									
Cedar County									
5 E Laurel	06	1632CST			0	0			Hail (1.75)
Jefferson County									
Fairbury	06	2145CST			0	0			Thunderstorm Wind (G60)
Thunderstorm wind gusts estimated between 60 and 70 mph knocked tree limbs down in town.									
NEZ011>012-015>018-030>034-042>045-050>053-065>068-078-088>093									
	06	2300CST			0	0			High Wind (G55) ^M
	07	1700CST							
As intense low pressure tracked from Kansas into north central Nebraska, south or southwest winds of 45 to 65 mph developed over eastern Nebraska and western Iowa. As the low moved north of the region, these winds became west or northwest across the area. Although the wind began increasing over the region Friday evening 4/6/01, they were the strongest from around midnight CDT 4/7/01 lasting until early evening on the 7th, with the peak from midnight through 300 am. Most reporting stations, either Asos, Awos or other, had sustained winds of 40 to 50 mph. Stronger measured wind gusts included, 64 mph at Tekamah and the Valley NWS, 63 mph at Lincoln and Fremont, 60 mph at Norfolk, 58 mph at Harlan, Iowa, 56 mph at Beatrice, and at least 50 to 55 mph gusts at Columbus, Millard, Omaha Eppley Airfield and Clarinda Iowa.									
The strong winds caused areas of roof damage, most extensive in far northeast Nebraska, overturned a few semi-trucks, toppled trees, destroyed weaker farm out buildings, did minor structural damage to more well built buildings, and also damaged a few street and advertising signs throughout the region. Although the damage was not widespread, there was scattered damage in almost every county in eastern Nebraska and southwest Iowa. Among the most severe damage reported was to a church steeple in west Omaha in which the top 25 feet or so was partially toppled. Also a tree was knocked through a home in Omaha, and a long section of copper roofing was torn off part of the Nebraska Capitol Building in Lincoln. There was also major roof damage to the High School in Pender as well as at Dana College in Blair. Estimates of damage to the two schools alone were around \$40,000 to \$75,000 each.									
Hundreds to thousands of customers were without power for a while in Lincoln and Omaha and probably smaller communities as well.									
Antelope County									
10 W Clearwater to 10 WSW Clearwater	07	0015CST			0	0			Hail (0.88)
Saline County									
Swanton	08	1837CST			0	0			Hail (0.88)
Lancaster County									
Lincoln	08	1845CST 1909CST			0	0			Hail (1.75)
Hail up to golfball size was reported across Lincoln, although most of it was under 1 inch.									
Saline County									
Wilber	08	1900CST			0	0			Hail (0.75)
Cass County									
2 N Eagle	08	1920CST			0	0			Hail (1.00)
Hail covered the ground.									
Gage County									
Beatrice	08	1940CST			0	0	20K		Hail (1.00)
Hail up to 1 inch in diameter damaged some windows in Beatrice including the marquee at the Cinema Centre on Court St. in Beatrice.									
Jefferson County									
2 W Jansen	08	1958CST			0	0			Hail (0.88)
Jefferson County									
6 E Fairbury	08	2005CST			0	0			Hail (0.75)
Cass County									
Plattsmouth	08	2023CST			0	0			Hail (0.88)
Gage County									
1 W Filley	08	2046CST			0	0			Hail (1.50)
Johnson County									
4 SW Tecumseh	08	2113CST			0	0			Hail (0.75)
Johnson County									
6 E Tecumseh	08	2116CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, East									
Johnson County									
6 E Tecumseh	08	2125CST			0	0			Hail (0.88)
Nemaha County									
4 W Brock	08	2200CST			0	0			Hail (0.75)
Gage County									
10 NW Beatrice	08	2210CST			0	0			Hail (1.00)
Johnson County									
1 S Cook	08	2215CST			0	0			Hail (0.75)
Johnson County									
2 S Cook	08	2244CST			0	0			Hail (0.75)
Jefferson County									
7 SW Fairbury to 6 E Fairbury	10	0114CST 0124CST			0	0			Thunderstorm Wind (G75)
A Bow Echo type thunderstorm complex caused a large area of damage around 10 miles wide from 7 miles southwest of Fairbury to 6 miles east of Fairbury, closely centered on Endicott. Thunderstorm wind gusts estimated at over 80 mph caused extensive roof and tree damage along with the destruction of pole barns and other outbuildings in this area. Several cars were also overturned.									
Saunders County									
Ithaca	10	1020CST			0	0			Hail (0.75)
Car window reported fractured by the hail.									
Douglas County									
Omaha	10	1040CST 1101CST			0	1	300M		Hail (1.75)
A 5 to 15 minute hail storm hit the Omaha, Council Bluffs and Bellevue area causing extensive auto and roof damage. The hail covered the ground to several inches in some locations with most stones in the 1/2 to 1 1/2 inch range, although some were larger. From central into downtown Omaha, as the hail fell the visibility was lowered to near zero and the hail drifted like snow and shovels were used to clear some sidewalks. An elderly Omaha woman was injured with some cuts and bruises from the hail when she was caught outside.									
According to State Farm Insurance agents, the storm was the costliest hailstorm in the Omaha area at least since the late 1980's and possibly ever. State Farm estimated that there would be 100,000 claims in the Omaha Metro area. Most of the larger hail spared the northwest sections of the Metro area.									
Sarpy County									
Gretna	10	1040CST 1050CST			0	0			Hail (1.75)
See the narrative for Douglas county that began at 1040 CST.									
Sarpy County									
La Vista	10	1040CST 1101CST			0	0			Hail (1.75)
See the narrative for Douglas county for the same time period.									
Sarpy County									
Bellevue	10	1055CST 1101CST			0	0			Hail (1.50)
See the narrative for Douglas county for roughly the same time period.									
Sarpy County									
2 W Offutt Afb to 3 N Offutt Afb	10	1222CST 1229CST			0	0			Hail (1.00)
Lancaster County									
10 SE Lincoln	10	1456CST			0	0			Hail (0.88)
Jefferson County									
Endicott	11	0050CST			0	0	40K		Thunderstorm Wind (G60)
Thunderstorm winds did tree damage and downed power lines around Endicott. Some roofs were also severely damaged.									
Jefferson County									
3 ESE Fairbury	11	0050CST			0	0	40K		Thunderstorm Wind (G60)
Thunderstorm winds blew a roof off of a home near Fairbury.									
Jefferson County									
7 NW Fairbury	11	0110CST			0	0			Hail (0.75)
Jefferson County									
2 N Thompson	11	0110CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, East									
Jefferson County									
2 N Thompson	11	0110CST			0	0			Thunderstorm Wind (G60)
Thunderstorm wind gusts of 60 to 80 mph were estimated by the Emergency Manager just north of Thompson. Hail up to golf ball size accompanied the wind.									
Gage County									
.5 SW Wymore to .5 NE Wymore	11	0130CST	1	40	0	0	150K		Tornado (F1)
A brief touchdown of a tornado caused extensive tree damage and some roof and structural damage in Wymore. Trees were downed across highway 77 in town causing its closure. One mobile home was pushed 10 feet off of its foundation causing some structural damage. A roof was torn off of a garage and several grain bins were crumpled and moved 75 to 125 yards. This tornado was associated with the same thunderstorm complex that caused the tornado in Virginia.									
Gage County									
Beatrice	11	0135CST			0	0			Thunderstorm Wind (G60)
Thunderstorm wind gusts around 70 mph reported by trained storm spotter in Beatrice.									
Gage County									
2 E Beatrice	11	0135CST			0	0			Thunderstorm Wind (G60)
Thunderstorm wind gusts estimated at over 60 mph caused extensive tree damage near Beatrice. The wind damage was with the same thunderstorm complex that caused the wind damage near Endicott and the tornadoes in Wymore and Virginia.									
Gage County									
.5 SW Virginia to 1 NE Virginia	11	0140CST 0143CST	2	50	0	2	400K		Tornado (F2)
A tornado caused extensive damage in Virginia with most of the damage occurring along a 4 block long and 1 block wide stretch through the center of town. One house was almost completely destroyed causing minor injuries to 2 people living there. Six other homes and businesses sustained extensive damage, and trees and other debris were scattered all over the community.									
Nemaha County									
Johnson	11	0207CST			0	0			Thunderstorm Wind (G60)
Thunderstorm wind gusts estimated by trained spotter.									
Johnson County									
3 E Cook	11	0225CST			0	0			Thunderstorm Wind (G60)
Thunderstorm wind gusts estimated at around 70 mph damaged outbuildings near Cook.									
Otoe County									
Unadilla	11	0228CST			0	0			Thunderstorm Wind (G50)
Winds estimated at around 60 mph did some damage and knocked the power out to the Unadilla area.									
Otoe County									
Nebraska City	11	0230CST			0	0	250K		Thunderstorm Wind (G60)
Thunderstorm winds estimated at over 60 mph damaged numerous locations in town including several trees that were split with large sections falling onto houses causing roof damage, damage to garages and to windows. According to the Nebraska City News Press, the damage was primarily along a line from Pendleton Woolen Mills and W&H Manufacturers along Industrial Road to North Table Creek across the parking lot of Norman's.									
Lancaster County									
Bennet	11	0307CST			0	0	25K		Thunderstorm Wind (G65)
Thunderstorm wind gusts estimated at around 75 mph severely damaged a garage and farm building and also downed power lines near Bennet.									
Sarpy County									
Springfield	11	1115CST	0.1	30	0	0	10K		Tornado (F0)
A brief touchdown of a tornado near Springfield which severely damaged a horse barn, downed power lines and pushed a car into a trailer causing some damage to each. The first report of damage from a broken line of mini-supercell thunderstorms that produced several small and relatively short-lived tornadoes across extreme eastern Nebraska and southwest Iowa this day.									
Jefferson County									
4 S Fairbury	14	1612CST			0	0			Hail (1.00)
Jefferson County									
2 E Jansen	14	1625CST			0	0			Hail (1.50)
Hail covered the ground.									
Jefferson County									
3 S Plymouth	14	1634CST			0	0			Hail (1.00)
Gage County									
2 W Clatonia	14	1643CST 1644CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, East									
Saline County									
2 S De Witt	14	1644CST			0	0			Hail (0.88)
Lancaster County									
Bennet	14	1720CST			0	0			Hail (0.88)
Cedar County									
17 SW Hartington	20	1916CST	0.2	30	0	0			Tornado (F0)
A brief tornado touchdown was reported by a law enforcement official in open country southwest of Hartington.									
Cedar County									
3 SW Coleridge to Coleridge	20	1928CST 1930CST			0	0			Hail (1.00)
Hail was reported from 3 miles southwest of Coleridge to Coleridge. The hail was up to 1 inch in diameter.									
Cedar County									
St James	20	1930CST			0	0			Hail (1.00)
Saline County									
Friend	20	2015CST			0	0	500K		Thunderstorm Wind (G65)
A line of fast moving thunderstorms bowed across southeast Nebraska and southwest Iowa this day bringing thunderstorm wind gusts of 60 to 80 mph. This was the first report of damage in the Omaha/Valley NWS coverage area with this line. As the storm went through Friend, more than 10 farmsteads sustained damage to outbuildings and equipment. At one farm a roof was blown off of a horse barn and machine shed, and a horse trailer was destroyed injuring 2 horses, also a fifth-wheel camper trailer was rolled. Irrigation pivots were also overturned, damaged and/or destroyed.									
Lancaster County									
Lincoln	20	2030CST			0	0			Hail (0.88)
Lancaster County									
5 SE Lincoln	20	2035CST			0	0			Hail (0.88)
Lancaster County									
Raymond	20	2040CST			0	0	20K		Thunderstorm Wind (G70)
Thunderstorm winds estimated at 80 mph knocked a power pole down, and blew a porch and stripped siding off of a house near Raymond.									
Saunders County									
1 N Wahoo	20	2045CST			0	0			Thunderstorm Wind (G70)
A thunderstorm wind gust estimated at 80 mph by a trained spotter blew a vehicle off of a road near Wahoo.									
Sarpy County									
Gretna	20	2047CST 2102CST			0	0			Thunderstorm Wind (G57) ^M
Thunderstorm wind gusts estimated at 60 to 80 mph whipped through Gretna. The speed of 66 mph was recorded by an off duty NWS meteorologist's home weather station.									
Cass County									
Eagle	20	2055CST			0	0	5K		Thunderstorm Wind (G60)
Thunderstorm wind gusts estimated at 70-80 mph blew down numerous billboards at Eagle Raceway.									
Saunders County									
Ashland	20	2055CST			0	0			Thunderstorm Wind (G60)
Thunderstorm wind gust estimated at 70 mph by a ham radio operator.									
Cass County									
Louisville	20	2105CST			0	0			Thunderstorm Wind (G55)
Thunderstorm winds estimated at over 60 mph at Buckneer Bay near Louisville.									
Sarpy County									
Bellevue	20	2109CST			0	0			Hail (0.88)
Sarpy County									
2 W Offutt Afb	20	2109CST			0	0			Hail (0.88)
Sarpy County									
3 W Springfield	20	2111CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds estimated at around 60 mph downed a few trees and power lines.									
Stanton County									
Stanton	20	2115CST			0	0			Thunderstorm Wind (G60)
Thunderstorm wind gust estimated at around 70 mph by a law enforcement official.									
Douglas County									
Omaha Eppley Arpt	20	2118CST			0	0			Thunderstorm Wind (G56) ^M
Thunderstorm wind gust recorded by Asos at Omaha Eppley. A roof was blown off a lumberyard building in Omaha from this storm									

Storm Data and Unusual Weather Phenomena

April 2001

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

NEBRASKA, East

as well as scattered tree damage.

Sarpy County
2 E Springfield 20 2120CST 0 0 Thunderstorm Wind (G50)
Trained spotter reported thunderstorm winds of around 60 mph.

Sarpy County
Papillion 20 2135CST 0 0 250K Thunderstorm Wind (G65)
Thunderstorm gusts estimated at 70 to 80 mph did major roof damage to several homes and businesses in Papillion.

Cass County
Weeping Water 21 2217CST 0 0 Hail (1.00)
2220CST

Cass County
4 W Murray 21 2240CST 0 0 Hail (0.88)

Madison County
Norfolk 22 1500CST 0 0 Hail (0.75)

Cedar County
St Helena 22 1529CST 0 0 Hail (1.00)

Cedar County
2 NW Obert 22 1545CST 0 0 Hail (0.88)

Cass County
Greenwood 22 1655CST 0 0 Hail (0.75)

Cass County
3 N Eagle 22 1700CST 0 0 Hail (1.75)
Golfball size hail reported by Law Enforcement Official.

Douglas County
Elkhorn 22 1730CST 0 0 165K Lightning
Lightning struck the north corner of the roof over the garage starting a fire. Most of the damage was attributed to smoke and water.

Saunders County
3 NE Ithaca 22 1830CST 0.2 30 0 0 5K Tornado (F0)
1831CST

Brief touchdown of a tornado reported by amateur radio operator, also caught on film by 2 different tv meteorologists. The tornado struck a farm, picked up a camper and blew it around and damaged a few shingles and broke a few windows on a farm house according to the Mead Fire Chief.

Washington County
4 NNE Arlington to 22 1857CST 5 100 0 1 600K Tornado (F1)
6 NW Blair 1901CST



Damage to a garage and house.

A tornado touched down 4 1/2 miles north northeast of Arlington and moved north northeast for approximately 5 miles before lifting

Storm Data and Unusual Weather Phenomena

April 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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NEBRASKA, East

1 mile east of county road 15 on county road 16. The tornado damaged 6 farmsteads including farm homes and barns and leveled 3 outbuildings west of Blair as well as downing power lines and damaging trees. One man was injured slightly when a 2 by 4 flew through a window hitting him on the chest and cutting him with flying glass.

Saunders County

1 SE Leshara	22	2041CST			0	0			Hail (0.75)
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Burt County

Oakland	22	2115CST			0	0	10K		Thunderstorm Wind (G60)
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Thunderstorm gust destroyed a cattle shed near Oakland.

Burt County

Tekamah	22	2132CST			0	0			Thunderstorm Wind (G50) ^M
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Thunderstorm gust measured at 58 mph by Asos at Tekamah.

Pierce County

5 SE Pierce	30	1743CST			0	0			Hail (1.00)
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Lancaster County

2 NE Raymond	30	1815CST			0	0			Hail (0.75)
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Lancaster County

Agnew	30	1818CST			0	0			Hail (1.75)
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Saunders County

Malmo	30	1840CST			0	0			Hail (1.00)
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Thurston County

Winnebago	30	1845CST			0	0			Hail (1.00)
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Saunders County

Colon	30	1850CST			0	0			Hail (1.00)
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Cass County

Greenwood	30	1940CST			0	0			Hail (1.00)
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Reported at the intersection of highways 6 and 63.

Burt County

Lyons	30	1945CST			0	0			Hail (1.75)
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Saunders County

Yutan	30	2006CST			0	0			Hail (1.00)
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Burt County

Craig	30	2013CST			0	0			Hail (1.75)
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Sarpy County

Gretna	30	2014CST			0	0			Hail (1.00)
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Sarpy County

5 E Gretna	30	2019CST			0	0			Hail (1.75)
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Douglas County

Elkhorn	30	2029CST 2035CST			0	0			Hail (2.25)
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Sarpy County

Papillion	30	2030CST			0	0			Hail (0.88)
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Douglas County

Omaha	30	2030CST 2105CST			0	0	200M		Hail (1.75)
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Two large hail producing thunderstorm cells tracked across the greater Omaha area this day, one across Douglas county and the other across Sarpy county. The storm that moved across Douglas county began producing large hail around Yutan, in Saunders county just to the west of the Douglas county line. The cell tracked across Elkhorn and then hit the western portions of Omaha with hail up to golfball size. The hail decreased in size to around 3/4 inch by the time the storm reached the eastern parts of the city. The majority of hail damage from the storm was in a 2 or 3 mile wide west to east strip centered on Blondo Street beginning west of 156th Street in far western Omaha and ending around 40th street in the east central part of the city. Damage included roof and skylights along with vehicles. Since the storm occurred in the late evening, and many vehicles were in garages, vehicle damage was not as severe as what was recorded with the hailstorm that hit Omaha earlier in the month.

Sarpy County

Bellevue	30	2034CST			0	0			Hail (1.75)
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NEBRASKA, Extreme Northeast

Dixon County

Dixon	06	1630CST			0	0			Hail (1.75)
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Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NEBRASKA, Extreme Northeast</u>									
Dixon County									
1 N Dixon	06	1632CST			0	0			Hail (1.75)
Dixon County									
5 NE Dixon	06	1645CST			0	0			Hail (1.50)
Dixon County									
Martinsburg	06	1650CST			0	0			Hail (0.75)
Dixon County									
3 W Ponca	06	1650CST			0	0			Hail (1.75)
Dixon County									
Dixon	06	1640CST			0	0			Lightning
									Lightning caused a house fire. The amount of damage was not known.
Dakota County									
1 W Dakota City	07	0108CST			0	0			Thunderstorm Wind (G61)
NEZ013>014									
	07	0330CST			0	0	40K		High Wind (G55)
		0700CST							High winds cause damage to trees, shingles, and road signs.
Dixon County									
6 W Emerson	20	1830CST			0	0			Hail (1.75)
Dixon County									
6 N Emerson	20	1839CST			0	0			Hail (1.75)
		1841CST							Large hail caused suspected car damage, but the amount of damage was not known. A report from the emergency manager's office indicated that the damage was not heavy or widespread.
Dixon County									
3 NE Emerson to 3.1 NE Emerson	20	1830CST	0.1	50	0	0			Tornado (F0)
		1831CST							A brief tornado caused no reported damage.
Dakota County									
6 N Emerson	20	1841CST			0	0			Hail (1.00)
Dixon County									
6 N Ponca	20	1851CST			0	0			Hail (0.88)
Dixon County									
5 NW Newcastle	20	1856CST			0	0			Hail (0.88)
Dixon County									
5 NW Newcastle	20	1930CST			0	0			Hail (1.25)
Dixon County									
5 NW Newcastle	20	2005CST			0	0			Hail (0.88)
Dakota County									
2 N Willis	20	1910CST			0	0			Hail (0.75)
Dixon County									
3 SE Allen	30	1645CST			0	0			Hail (0.75)
Dakota County									
1 SE Hubbard	30	1723CST			0	0			Hail (1.00)
Dakota County									
2 S Dakota City	30	1738CST			0	0			Hail (0.75)
Dakota County									
Homer	30	1746CST			0	0			Hail (1.00)
Dakota County									
4 SE Homer	30	1755CST			0	0			Hail (1.00)
Dakota County									
4 E Homer	30	1759CST			0	0			Hail (1.75)
Dakota County									
Hubbard	30	1830CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NEBRASKA, Extreme Southwest</u>									
Hitchcock County									
Stratton	06	1625MST			0	0			Hail (1.00)
Hitchcock County									
Stratton	06	1625MST			0	0			Thunderstorm Wind (G52)
Dundy County									
Benkelman	06	1635MST			0	0			Hail (0.75)
Hitchcock County									
Swanson Lake	06	1635MST			0	0			Hail (1.00)
Red Willow County									
Mc Cook	06	1740MST 1745MST			0	0			Thunderstorm Wind (G66)
Downed power lines in McCook along with plate glass window broken.									
Red Willow County									
Mc Cook Arpt	06	1745MST			0	0			Thunderstorm Wind (G53) ^M
NEZ079>081									
Dundy - Hitchcock - Red Willow									
	11	1000MST 1700MST			0	0			High Wind (G58)
Spring storm resulted in very strong winds across far southwest Nebraska. Semi-truck was blown off a highway along Nebraska/Kansas border. High winds resulted in low visibilities across the area most of the day.									
Dundy County									
Benkelman	20	1450MST			0	0			Hail (0.75)
Hitchcock County									
6 N Trenton	20	1505MST			0	0			Hail (0.75)
Hitchcock County									
1 S Palisade	20	1515MST 1530MST			0	0			Hail (1.00)
Dundy County									
Haigler	20	1710MST			0	0			Thunderstorm Wind (G52)
Dundy County									
Parks to 14 N Parks	20	1715MST 1730MST			0	0			Thunderstorm Wind (G70)
Many trees and power lines were knocked down across Dundy County.									
Dundy County									
3 W Benkelman to Benkelman	20	1725MST 1755MST			0	0			Thunderstorm Wind (G85)
Many uprooted trees, damaged buildings, and loss of power due to straight-line winds. One barn was totally destroyed with debris scattered at least 300 feet. Damage unknown in and around Benkelman.									
Hitchcock County									
Stratton to Trenton	20	1755MST 1805MST			0	0			Thunderstorm Wind (G78)
Farm buildings were damaged including a roof blown off a barn. A car, motor home, and tractor were also damaged along with trees between Stratton and Trenton.									
Red Willow County									
6 S Mc Cook	20	1825MST			0	0			Thunderstorm Wind (G52)
Red Willow County									
13 SE Mc Cook to 2 W Indianola	20	1830MST 1842MST			0	0			Thunderstorm Wind (G78)
Damaging winds were noted across Red Willow County including downed power lines.									
<u>NEBRASKA, South Central</u>									
NEZ077-082									
Fillmore - Furnas									
	06	0130CST 2330CST			0	0	10K	0	High Wind (G52)
Buffalo County									
2 N Kearney	06	1340CST			0	0	0	0	Hail (0.75)
Phelps County									
Funk	06	1355CST			0	0	0	0	Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, South Central									
Buffalo County									
Kearney	06	1405CST			0	0	0	0	Hail (0.75)
Phelps County									
4 E Holdrege	06	1410CST			0	0	0	0	Hail (0.75)
Buffalo County									
Ravenna	06	1450CST			0	0	0	0	Hail (1.00)
Howard County									
2 NE Cotesfield	06	1455CST			0	0	0	0	Hail (0.75)
Howard County									
3 W Farwell	06	1515CST			0	0	0	0	Hail (0.75)
Webster County									
Red Cloud	06	2125CST			0	0	0	0	Thunderstorm Wind (G52)
Adams County									
Hastings	06	2140CST			0	0	1K	0	Thunderstorm Wind (G52)
Greeley County									
5 N Scotia	06	2310CST			0	0	1K	0	Thunderstorm Wind (G52)
Valley County									
7 NE Ord	06	2315CST			0	0	0	0	Thunderstorm Wind (G52)
Severe Weather Awareness Week came to a fitting close in south-central Nebraska with two rounds of severe thunderstorms. The first round of severe weather occurred during the afternoon, while the second was during the late evening. In both cases, hail and strong winds were reported. Only minor damage resulted. Strong winds in the wake of the storms during the early morning hours also caused some minor damage in Fillmore and Furnas counties.									
Thayer County									
Gilead	08	1835CST			0	0	0	0	Hail (1.00)
Dawson County									
8 E Lexington	10	0725CST			0	3	15K	0	Hail (0.75)
Buffalo County									
Odessa	10	0735CST			0	0	0	0	Hail (1.00)
Buffalo County									
Kearney Arpt	10	0755CST			0	0	0	0	Thunderstorm Wind (G57) ^M
Buffalo County									
Gibbon	10	0800CST			0	0	0	0	Thunderstorm Wind (G52)
Buffalo County									
Ravenna	10	0805CST			0	0	0	0	Thunderstorm Wind (G52)
Buffalo County									
Shelton	10	0805CST			0	0	20K	0	Hail (1.00)
Hall County									
Wood River	10	0815CST			0	0	0	0	Thunderstorm Wind (G52)
Hall County									
Grand Is	10	0830CST			0	0	50K	0	Hail (1.00)
Hamilton County									
3 SW Phillips	10	0835CST			0	0	0	0	Hail (1.00)
Polk County									
Polk	10	0910CST			0	0	0	0	Hail (0.75)
York County									
3 N York	10	0920CST			0	0	0	0	Hail (0.75)
A quick moving thunderstorm complex developed shortly after 8 am CDT and rapidly intensified as it moved east. Hail the size of quarters and wind gusts in excess of 60 mph were common. Power poles were snapped in eastern Dawson county. Snow plows were used to remove hail from Interstate 80 near Overton. A one car accident on hail covered Interstate 80, injured 3 people and may have been weather related. A shed was heavily damaged near Gibbon and numerous other reports of minor damage were noted.									
Sherman County									
Rockville	10	1918CST			0	0	0	0	Hail (0.75)
Howard County									
3 WNW Farwell	10	1930CST			0	0	0	0	Hail (1.00)
Nance County									
4 W Fullerton	10	2036CST			0	0	0	0	Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, South Central									
Webster County									
2.5 SW Red Cloud Arp	11	0012CST	3	25	0	0	1K	0	Tornado (F0)
1.5 N Red Cloud Arpt		0015CST							
									Brief tornado that damaged some irrigation pipe, outbuilding and trees.
Nuckolls County									
2 S Mt Clare to	11	0039CST	12	300	0	0	40K	0	Tornado (F1)
5 N Nelson		0049CST							
									Tornado stayed mainly in open country
Thayer County									
1 SE Hebron to	11	0049CST	1	75	0	1	30K	0	Tornado (F1)
1 E Hebron		0052CST							
									Brief tornado on the east side of Hebron
									Thunderstorms in the late evening developed in central Nebraska. These storms brought hail and gusty winds to the Loup River valley. No damage was reported. Later in the night, thunderstorms moved northeast from northern Kansas into south-central Nebraska. These storms did produce 3 tornadoes. Two were only on the ground for a few moments, but the twister in Nuckolls county was on the ground for 12 miles. Most damage was to outbuildings, irrigation piping, trees and power poles. A house on the east side of Hebron was damaged. A man in the house sustained a few cuts from broken glass as he left the damaged home.
Nuckolls County									
2 W Oak	14	1645CST			0	0	0	0	Hail (0.75)
Franklin County									
Franklin	20	1820CST			0	0	0	0	Hail (0.75)
Adams County									
5 S Roseland	20	1850CST	0.1	10	0	0	0	0	Tornado (F0)
		1851CST							
									A brief touch down reported by a trained storm spotter.
Webster County									
Guide Rock	20	1910CST			0	0	0	0	Thunderstorm Wind (G52)
Nuckolls County									
1 W Superior	20	1915CST	0.5	50	0	0	50K	0	Tornado (F0)
		1917CST							
									Another brief tornado reported by the Nuckolls County Sheriff's Department.
Clay County									
6 ESE Clay Center	20	1920CST			0	0	0	0	Thunderstorm Wind (G52)
Fillmore County									
Ohiowa	20	1945CST			0	0	25K	0	Thunderstorm Wind (G62)
Thayer County									
Hebron	20	1945CST			0	0	0	0	Hail (0.75)
York County									
3 N Henderson	20	1945CST			0	0	0	0	Thunderstorm Wind (G52)
Dawson County									
5 SW Lexington	20	2030CST			0	0	0	0	Hail (0.75)
Gosper County									
Johnson Res	20	2030CST			0	0	0	0	Hail (0.75)
Phelps County									
Atlanta	20	2045CST			0	0	0	0	Thunderstorm Wind (G62)
									A line of thunderstorms produced widespread high winds, some hail, and even two tornadoes during the evening of the 20th. One twister touched down in an open field south of Roseland in Adams county. No damage was reported. The other tornado was one mile west of Superior, and managed to damage the roof of an apartment building. Power lines were damaged as well. Straight line wind damage was reported in Fillmore county north of Ohioawa.
Harlan County									
Alma	21	2047CST			0	0	0	0	Hail (0.75)
Buffalo County									
Kearney	22	0630CST			0	0	0	0	Thunderstorm Wind (G52)
Hall County									
Grand Is	22	0750CST			0	0	10K	0	Thunderstorm Wind (G52)
Hall County									
3 NW Grand Is	22	1121CST			0	0	0	0	Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2001

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

NEBRASKA, South Central

Phelps County									
4 S Holdrege	22	1318CST			0	0	0	0	Hail (0.75)
Harlan County									
Ragan	22	1620CST			0	0	0	0	Hail (0.75)
Phelps County									
3 SE Holdrege	22	1620CST			0	0	20K	0	Hail (2.00)
Adams County									
2 W Hastings	22	1806CST			0	0	40K	0	Thunderstorm Wind (G69)
Adams County									
8.5 NE Hastings	22	1821CST			0	0	3K	0	Thunderstorm Wind (G52)
York County									
6 E Mc Cool Jct	22	1913CST			0	0	0	0	Hail (1.00)

A strong upper level low pressure system moved across south-central Nebraska during the day. Thunderstorms developed ahead of the low, and near the low center as it passed. Strong winds just west of Hastings caused a variety of minor damage to several residences. Fences were damaged, a pivot was overturned, and a trailer was blown over. Minor damage was also reported northeast of Hastings in the Trumbull area. Earlier in the day, a microburst near the mall in Grand Island damaged several trees, signs and knocked over one light post.

Adams County

Hastings	29	1300CST			0	0	40K		Non-Tstm Wind
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A steady south wind of 30 to 45 mph was to blame for damage to a new bank being constructed in Hastings. Workers had spent the previous week setting the roof trusses for the building, only to have mother nature knock the trusses down. The bank manager estimated 70 percent of the trusses were lost. It wasn't until 3 weeks later that the roof was finally on the bank.

NEBRASKA, West

Scotts Bluff County									
Mitchell	02	1708MST 1712MST			0	0			Hail (0.75)
Scotts Bluff County									
Gering	02	1716MST 1721MST			0	0	75K		Hail (1.25)
Scotts Bluff County									
Scottsbluff	02	1725MST 1729MST			0	0	20K		Hail (1.00)
Scotts Bluff County									
Gering	02	1726MST 1729MST			0	0			Hail (1.25)
Scotts Bluff County									
Scottsbluff	02	1730MST 1735MST			0	0	40K		Hail (2.00)
2 inch hail reported on the east side of Scottsbluff, NE.									
Scotts Bluff County									
10 NE Scottsbluff	02	1748MST 1752MST			0	0			Hail (0.75)
Box Butte County									
Alliance	02	1805MST 1808MST			0	0			Hail (0.88)
Scotts Bluff County									
Lyman	02	1848MST 1852MST			0	0			Hail (0.88)
Scotts Bluff County									
4 NE Mitchell	02	1916MST 1920MST			0	0			Hail (0.75)
Scotts Bluff County									
10 NE Scottsbluff	02	1927MST 1930MST			0	0			Hail (1.00)
1 inch hail reported at Lake Minatare.									
Scotts Bluff County									
Scottsbluff Arpt	02	1928MST 1929MST			0	0			Thunderstorm Wind (G50) ^M

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, West</u>									
Scotts Bluff County									
10 S Scottsbluff	02	1934MST 1938MST			0	0			Hail (0.75)
Banner County									
8 S Harrisburg	02	1958MST 2001MST			0	0			Hail (1.75)
Morrill County									
Bayard	02	2030MST 2033MST			0	0			Hail (0.75)
Kimball County									
7 NW Kimball	02	2033MST 2036MST			0	0			Hail (0.75)
Cheyenne County									
Sidney	02	2105MST 2124MST			0	0			Hail (0.75)
NEZ020-054>055	Banner - Kimball - Cheyenne								
	11	0500MST 1600MST			0	0	400K		Winter Storm
Strong winds and snow combined to produce near-blizzard conditions over much of the southern Nebraska Panhandle, resulting in power outages and many road closures. Interstate 80 was closed over all the panhandle with all roads out of Kimball and Sidney, NE, also closed. Many power poles were knocked down. Snow amounts of 6 to 8 inches were common.									
NEZ002>003-019>021-054>055	Dawes - Box Butte - Scotts Bluff - Banner - Morrill - Kimball - Cheyenne								
	21	2200MST			0	0	100K		Winter Storm
	22	2200MST							
The second winter storm in 11 days struck much of the Nebraska Panhandle, particularly over southern sections, producing around 5 to 11 inches of snow. Nearly a foot of snow fell in the Kimball, NE, area, with around 8 inches in Scottsbluff, NE. All roads in Scotts Bluff county were closed, as was Interstate 80 in the southern panhandle. Some power outages were reported as well.									
<u>NEVADA, North</u>									
NVZ031									
N Elko Cnty									
	06	2100PST			0	0			Heavy Snow
	07	0700PST							
9 inches of new snow fell overnight at Wildhorse reservoir.									
NVZ037									
S Lander & S Eureka									
	07	0400PST			0	0			Heavy Snow
	08	0400PST							
10 inches of new snow fell near Bob Scott Summit along highway 50 near Austin. 12 inches fell near Eureka.									
NVZ031-034-036>037	N Elko Cnty - Ruby Mountains/E Humboldt Range - N Lander & N Eureka - S Lander & S Eureka								
	19	1900PST			0	0			Heavy Snow
	20	0400PST							
A storm system dumped around 2 feet of new snow at the Dorsey Basin Snotel in the East Humboldt Range; 18 inches of new snow at the Green Mountain Snotel in the Ruby mountains; and 10 inches of new snow at the Lamoille Canyon Snotel. Jarbidge reported 9 inches of new snow from this storm; Austin 7 inches; and Emigrant Pass, along interstate 80 in northern Eureka county, reported 8 inches of new snow.									
<u>NEVADA, South</u>									
NVZ019									
Spring Mountains									
	07	0300PST 2150PST			0	0			Heavy Snow
A late season winter storm produced heavy snow over portions of southern Nevada. Lee Canyon near Mt. Charleston received 14 inches of new snow in about 20 hours.									
Clark County									
98 SSW Cal-Nev-Ari to 99 SSW Cal-Nev-Ari	21	1135PST 1150PST	1	50	0	0			Tornado (F1)
A small tornado touched down at the three state junction over the Colorado River. This tornado was over open terrain and no people or structures were affected.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm	
NEVADA, West										
NVZ003			Greater Reno/Carson City/Minden Area							
	08	2000PST			0	0			Winter Storm	
	09	0800PST								
	Weather Service employee in the Palomino Valley reported 3-5 inches of snow 12 hours.									
NVZ003			Greater Reno/Carson City/Minden Area							
	11	1430PST			0	0			Winter Storm	
		1930PST								
	Spotter in South Reno reported heavy snowfall of 4.5 inches in 5 hours.									
NVZ001			Mineral/Southern Lyon							
	11	1545PST			0	0	0.20K		High Wind	
	Public reported high wind gusts in Fernely, NV. A wood porch overhang and mobile home received approximately \$200 in damage.									
NVZ001			Mineral/Southern Lyon							
	20	0730PST			0	0			Winter Storm	
	21	0130PST								
	Spotter in Dayton, NV reported heavy snowfall of 15-18 inches in 18 hours.									
NVZ002			Greater Lake Tahoe Area							
	20	1900PST			0	0			Winter Storm	
	21	0700PST								
	Spotters in Carson City, Virginia City, and Southwest Reno in NV reported 4-9 inches of snow in 12 hours.									
NVZ002			Greater Lake Tahoe Area							
	20	2000PST			0	0			Winter Storm	
	21	0000PST								
	Spotters in Minden, Carson City, and Sunridge in NV reported heavysnowfall of 4-6 inches in 4-5 hours.									
NVZ003			Greater Reno/Carson City/Minden Area							
	20	2200PST			0	0			Winter Storm	
	21	1000PST								
	Spotters in Truckee, Mt. Rose ski area, and around Lake Tahoe reported heavy snowfall of 8-24 inches in 12 hours.									
NEW HAMPSHIRE, North and Central										
NHZ001>010-013>014			Northern Coos - Southern Coos - Northern Grafton - Northern Carroll - Southern Grafton - Southern Carroll - Sullivan - Merrimack - Belknap - Strafford - Interior Rockingham - Coastal Rockingham							
	01	0000EST			0	0			Accumulated Snowfall	
	15	2359EST								
	The weight of snow and mixed precipitation that fell during March and early April caused numerous buildings to collapse throughout New Hampshire through mid April. Although most of the accumulating snow ended across the state in late March, problems with building collapses continued into mid April as the snow melted.									
NHZ008			Merrimack							
	01	1330EST			0	1			Falling Snow/Ice	
	One woman was injured when she was hit and trapped by an awning that collapsed from the force exerted by falling snow and ice. The woman's husband, who had been raking snow off the roof, was buried to his neck by snow and ice when a large section came down all at once. He did not suffer any injuries. Rescuers had to dig the husband out, and pulled the snow- and ice-covered awning off his wife.									
Grafton County										
Ashland	12	1145EST			0	0			Lightning	
	Lightning ignited a fire in a barn that had been converted into a home. The fire damaged the basement, and the first and second floor bathrooms. Smoke damage was reported throughout the home.									
Grafton County										
Plymouth	12	1200EST			0	0			Lightning	
	Lightning struck an apartment building and ignited a fire that damaged the building and displaced six Plymouth State College students									
NHZ002>005-008			Southern Coos - Northern Grafton - Northern Carroll - Southern Grafton - Merrimack							
	22	1530EST			0	0			Flood	
	27	2100EST								
	Temperatures in the 60s and 70s caused the deep snowpack to melt rapidly which resulted in minor flooding along many rivers. Flooding continued for several days. At Davisville, the Warner River was above the 8 ft flood stage from 7:00 am on the 23rd until 3:30 am on the 25th but reached a crest of only 8.1 feet at 5:45 am on the 25th. The Saco River in North Conway was in flood from 8:30 pm on the 24th until 5:45 am on the 25th reaching a crest of 9.5 feet at 1 am on the 25th, 0.5 feet above the 9 foot flood stage. The Connecticut River flooded at Dalton, Wells River, and West Lebanon. In Dalton, the Connecticut was above the 17 foot flood stage from 2:45 am on the 23rd until 9:30 pm on the 27th, reaching a crest of 21.5 feet at 7 pm on the 25th. At Wells River, the Connecticut was above the 11 foot flood stage from 11:30 pm on the 23rd until 10:30 pm on the 26th, reaching a crest of 12.6 feet at 5:30 am on the 26th. At West Lebanon, the Connecticut was above the 18 foot flood stage from 4:30 pm on the 22nd until 10:00 pm									

Storm Data and Unusual Weather Phenomena

April 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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NEW HAMPSHIRE, North and Central

on the 27th, reaching a crest of 20.9 feet at 12:30 am on the 23rd.

Coos County

Berlin to
Gorham

25 1030EST
26 0830EST

0 0

Flood

Temperatures in the 60s and 70s caused the deep snowpack to melt rapidly which resulted in minor flooding along the Upper Androscoggin River and some of its tributaries.

NEW HAMPSHIRE, Southern

NONE REPORTED.

NEW JERSEY, Northeast

Essex County

West Caldwell

09 1833EST

0 0

Hail (0.75)

Passaic County

Clifton

09 1859EST

0 0

Hail (0.88)

Passaic County

West Milford

09 1900EST

0 0

Thunderstorm Wind (G50)

Bergen County

Lyndhurst

09 1901EST
1902EST

0 0

Hail (0.88)

Essex County

Irvington

09 1910EST

0 0

Thunderstorm Wind (G50)

Hudson County

Jersey City

09 1911EST

0 0

Hail (0.88)

On Monday morning of April 9th, a nearly stationary front extended from the southern Great Lakes to the northern Middle Atlantic coast. A wave of low pressure developed along this frontal boundary, and traveled east into southeast New York by late Monday afternoon. In response to this wave, the stationary front lifted north during Monday afternoon into southern New York State. This allowed warm, moist and unstable air to usher into portions of northern New Jersey.

As a cold front approached from the west, scattered thunderstorms developed during the late afternoon. Some thunderstorms became severe and produced dime- to nickel-sized hail early Monday evening across portions of northern New Jersey. In addition, high winds downed several large tree limbs onto electrical wires, which resulted in power outages in West Milford and Irvington. Brief heavy downpours also accompanied these thunderstorms. The thunderstorms moved east, out of northern New Jersey by late evening.

Hudson County

North Bergen to
Secaucus

29 1740EST
2100EST

0 0

Wild/Forest Fire

A large brush fire began around 6:40 pm on Tonnelle Avenue in North Bergen, Hudson County and extended into marsh lands along Routes 495 and 3 into Secaucus. Heavy smoke caused several road closures and disrupted both Amtrak and New Jersey Transit train service between New York City and Newark from 7:20 pm to 10:00 pm EDT. Antecedent conditions were dry with low relative humidity and breezy. Around one third of an inch of rainfall occurred during the previous 2 weeks.

NEW JERSEY, South and Northwest

Cumberland County

Millville

08 1040EST

0 0

0 Lightning

Lightning struck the mausoleum of former New Jersey Governor Edward Stokes in the Mount Pleasant Cemetery in Millville. The lightning stroke cracked through the right front corner of the mausoleum's roof and littered the floor of the mausoleum with shattered marble. The stroke blew a 4 to 6 inch hole in Stoke's crypt. It also blasted a two foot thick block near the mausoleum's foundation. The lightning then struck a water faucet outside of the mausoleum and traveled along the pipe and popped through the asphalt ten feet from the faucet on the opposite side of the mausoleum. None of the caskets were damaged.

Sussex County

Lake Mohawk

09 1745EST

0 0 0 0 Hail (0.75)

Hail fell across the southern half of Sussex County. Pea to marble size hail fell in Andover Township, Branchville Borough, Newton and Stillwater Township. The largest hail (dime size) fell in Lake Mohawk (Sparta Township).

Sussex County

Sparta

09 1800EST

0 0 0 Mudslide

Storm Data and Unusual Weather Phenomena

April 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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NEW JERSEY, South and Northwest

In addition to the strong winds and lightning, thunderstorms brought heavy rain and caused mudslides in Sparta Township. Main Street was closed for two hours. A mudslide also spread across Spring Brook Trail. Doppler Radar storm total estimates were between 2.0 and 2.5 inches. No serious injuries or damage were reported.

Sussex County

Sparta

09	1800EST				0	0	0	0	Lightning
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Lightning struck and damaged the electrical wiring within a house in Sparta Township.

Morris County

Woodstock

09	1800EST				0	0	0	0	Thunderstorm Wind (G50)
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A severe thunderstorm knocked down several trees in Jefferson Township.

Sussex County

Sparta

09	1810EST				0	0	0	0	Hail (0.75)
----	---------	--	--	--	---	---	---	---	-------------

The second severe thunderstorm of the evening dropped dime size hail in Sparta Township.

Morris County

Berkshire Vly

09	1830EST				0	0	0	0	Lightning
----	---------	--	--	--	---	---	---	---	-----------

Lightning struck a house in Jefferson Township and started a small fire. It was quickly extinguished by its residents, even before the fire fighters arrived.

Sussex County

Wallpack Center to Glasser

09	1910EST 1925EST				0	0	0	0	Thunderstorm Wind (G50)
----	--------------------	--	--	--	---	---	---	---	-------------------------

The third severe thunderstorm of the evening tore down numerous large limbs and wires across the southern tier of Sussex County.

Warren County

Hope

09	1915EST				0	0	0	0	Thunderstorm Wind (G50)
----	---------	--	--	--	---	---	---	---	-------------------------

A severe thunderstorm tore down several trees in Hope Township. GPU Energy reported about 5,000 customers in Warren and Hunterdon Counties lost power.

Hunterdon County

Ringoes

09	1940EST				0	0	0	0	Thunderstorm Wind
----	---------	--	--	--	---	---	---	---	-------------------

A severe thunderstorm knocked down numerous large limbs and wires, mainly across the southern part of Hunterdon County. GPU Energy reported about 5,000 customers in Warren and Hunterdon Counties lost power. In Hunterdon County, the greatest concentration of outages were in Clinton and Lambertville.

Mercer County

Titusville to Twin Rivers

09	1947EST 2002EST				0	0	0	0	Thunderstorm Wind (G52)
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A line of severe thunderstorms knocked down a couple of large tree limbs and quite a few wires and transformers from Hopewell Township in the northwest part of Mercer County through and including East Windsor Township in the southeast part of the county.

Burlington County

Florence to Chesterfield

09	1950EST 2000EST				0	0	0	0	Thunderstorm Wind (G50)
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A severe thunderstorm tore down a couple of trees and power lines in the northwest tip of Burlington County from Florence through Chesterfield Townships.

Gloucester County

Countywide

09	1955EST				0	0	0	0	Thunderstorm Wind (G50)
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A line of severe thunderstorms knocked down several large limbs and numerous wires throughout Gloucester County.

Somerset County

Green Knoll

09	2000EST				0	0	2K	0	Lightning
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Lightning struck two adjacent homes in Bridgewater Township. A television in the initial home was damaged. Lightning then traveled from the first house into the adjacent one and damaged its electrical wiring.

Monmouth County

Clarksburg

09	2005EST				0	0	0	0	Thunderstorm Wind (G52)
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A severe thunderstorm knocked down a couple of trees in Millstone Township and several power lines across western Monmouth County.

Cumberland County

Cedarville

09	2015EST				0	0	0	0	Thunderstorm Wind (G54) ^M
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Camden County

Waterford Works

09	2015EST				0	0	0	0	Lightning
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Lightning struck and caused minor damage to a house in Waterford Township.

Atlantic County

Leeds Pt

09	2100EST				0	0	3K	0	Lightning
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Lightning struck the detached garage of a Leeds Point (Galloway Township) house. It punctured two holes in its roof and scattered shingles across the lawn. The lightning then traveled into the house and fried its VCR, television and clothes dryer.

Storm Data and Unusual Weather Phenomena

April 2001

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

NEW JERSEY, South and Northwest

Middlesex County

Cheesequake	27	1700EST 2000EST			0	0	0	0	Wild/Forest Fire
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A brush fire burned about 80 acres in the Joseph Court area of Old Bridge Township during the Friday evening of the 27th. The fire began about 6 p.m. EDT and was under control at 9 p.m. EDT that evening. The fire burned about 80 acres in a remote area of tidal marsh and forest adjacent to the Cheesequake State Park. The fire burned to the edge of the Cheesequake Stream. Three fires that occurred around this weekend were allegedly set by a few juveniles. The unseasonably dry weather during the second half of April and the gusty northwest winds on the 27th helped the wildfires spread quickly.

Cumberland County

Millville	28	1215EST			0	0	0	0	Wild/Forest Fire
	29	1300EST			0	0	0	0	

The largest wildfire of the weekend (April 28th and 29th) began during Saturday afternoon the 28th just east of the Millville Municipal Airport. Before it was under control during the afternoon of the 29th, about 765 acres were burned. The fire spread quickly during the afternoon of the 28th aided by gusty northwest winds and an unseasonably dry second half of April. By the early evening of the 28th, about 450 acres already burned. The fire jumped across Buckshutem Road and spread along Buckshutem Creek along the Millville and Commercial Township border near Laurel Lake. About 60 homes in the Laurel Lake Development were evacuated near the fire. Two dozen people were sheltered in a school. All evacuated residents were allowed back to their homes by the morning of the 29th. This was the largest wildfire of the weekend and burned 745 acres. No property was damaged, but scrub pines and oak trees were destroyed. In all, there were 79 brush fires that burned 1,041 acres throughout the state of the New Jersey that weekend.

Middlesex County

Cheesequake	28	1300EST 2100EST			0	0	0	0	Wild/Forest Fire
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The second wildfire of the weekend affected Cheesequake State Park and adjacent parts of Old Bridge Township on the Saturday afternoon and evening of the 28th. The fire began about 2 p.m. EDT on Saturday the 28th and burned into Cheesequake State Park. The fire forced the evacuation of 25 homes in Old Bridge Township, closed some roadways and forced the closure and the evacuation of campers within Cheesequake State Park. The park was reopened the next day. Siding was singed on several homes. Otherwise, damage was limited to sheds, fences and landscaping. The fire was declared under control at 10 p.m. EDT the evening of the 28th. About 151 acres were burned. Cheesequake State Park was reopened the next day. The three fires that occurred around this weekend near Cheesequake State Park were allegedly set by a few juveniles. The unseasonably dry weather during the second half of April and the gusty northwest winds on the 28th helped spread the fires quickly.

Sussex County

Beaver Lake	28	1600EST 1800EST			0	0	0	0	Wild/Forest Fire
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A wildfire burned about six acres of forest on a remote ridge top in Hardyston Township near the Beaver Creek. The unseasonably dry weather during the second half of April and gusty northwest winds helped spread the fire quickly.

Middlesex County

Cheesequake	29	1800EST 2000EST			0	0	0	0	Wild/Forest Fire
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The third wildfire of the weekend affected Old Bridge Township and adjacent parts of Cheesequake State Park on the evening of the 29th. The fire began about 7 p.m. EDT on Sunday the 29th at the edge of an old landfill behind the London Terrace Apartments. The wildfire burned 9 acres before it was under control. The three fires that occurred around this weekend near Cheesequake State Park were allegedly set by a few juveniles. The unseasonably dry weather during the second half of April helped spread the fires quickly.

Middlesex County

Camp Kilmer	30	1415EST 1545EST			0	0	0	0	Wild/Forest Fire
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Ocean County

Bayville	30	1545EST 1700EST			0	0	0	0	Wild/Forest Fire
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Monmouth County

Port Monmouth	30	1700EST 1845EST			0	0	0	0	Wild/Forest Fire
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The unseasonably dry weather during the second half of April continued to make it easy for brush and wildfires to begin and then spread quickly. Three such wildfires occurred during the afternoon and evening on the 30th across central New Jersey. In Piscataway Township (Middlesex County), three separate blazes erupted along a two mile stretch of railroad tracks. In Port Monmouth, (Monmouth County) a four acre fire consumed vegetation. In Bayville, (Ocean County) fire consumed a four acre salt marsh. No property damage was reported.

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

30	2359EST	0	0	0	Unseasonably Dry
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April 2001 was unseasonably dry month for the state of New Jersey, especially during the second half of the month when very little

Storm Data and Unusual Weather Phenomena

April 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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NEW JERSEY, South and Northwest

rain fell. The preliminary state average monthly precipitation total was 1.69 inches, the 7th driest on record since 1895. On a county weighted average, April monthly precipitation totals ranged from 1.5 inches in Cumberland and Cape May Counties to 2.1 inches in Sussex and Essex Counties. This was about 50 percent of normal and most of the precipitation fell prior to April 14th. At the Atlantic City International Airport, the monthly precipitation total of 1.55 inches was the eighth driest April on record. In addition to raising the fire danger, the unseasonably dry weather, if it persists, will threaten the growing season.

NEW MEXICO, Central and North

Curry County

Cannon Afb	06	1440MST			0	0			Thunderstorm Wind (G61) ^M
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Roosevelt County

Portales	06	1455MST			0	0			Thunderstorm Wind (G60)
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NMZ005>007-011>013-018>021

Northeast Highlands - Harding - Far Northeast Plains - Central High Plains/Estancia Valley County - Conchas Lake/Guadalupe - Quay - De Baca - Chaves County Plains - Roosevelt - Curry

06	1500MST				0	1	50K		High Wind (G51) ^M
	1900MST								

A strong upper level low swept across New Mexico bringing high winds to most southern, central and eastern counties. Damage reports consisted mainly of downed tree limbs and a few power poles, overturned yard sheds, plus a number of porch roofs ripped away as winds reached sustained speeds of 40-45 mph with gusts 50-60 mph during a 4 to 6 hour period from mid afternoon to early evening. A few semi-trailer trucks were overturned by the gusts near Tucumcari and Clovis with one injury reported. Several schools districts closed early for the first time due to winds because of the concern for bus safety in the high winds. A small cluster of high based thunderstorms developed near Clovis-Portales and combined with the high winds to produce brief gusts near 70 mph. The storm generated gusty winds of 25-35 mph across western and north central New Mexico, plus a late snow of 2 to 6 inches over middle and higher terrain.

NMZ005-010>011-016>017-026

Northeast Highlands - Sandia/Manzano Mountains - Central High Plains/Estancia Valley County - Lincoln County High Plains/Hondo Valley - Capitan/Northern Sacramento Mountains - Guadalupe Mountains Of Chaves County

10	1300MST				0	0			High Wind (G58) ^M
	2000MST								

High winds again developed over the central mountains and adjacent highlands as another low pressure center passed north of the state. Although winds were sustained at 40-50 mph the system lacked the gustiness that was widespread and had caused greater problems on the 6th.

NMZ005>007-010>013-020>021

Northeast Highlands - Harding - Far Northeast Plains - Sandia/Manzano Mountains - Central High Plains/Estancia Valley County - Conchas Lake/Guadalupe - Quay - Roosevelt - Curry

22	1500MST				0	0			High Wind (G52) ^M
	1900MST								

Another period of high winds with sustained speeds of 40-45 mph and gusts 55-60 mph was recorded across central and eastern New Mexico during mid and late afternoon.

Lincoln County

Picacho	29	1355MST			0	0			Hail (0.75)
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San Miguel County

2 S Trementina	29	1430MST			0	0			Hail (0.75)
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NEW MEXICO, South Central and Southwest

NMZ024-032

Tularosa Basin/Southern Desert - Southern Desert

06	1200MST				0	0	20K		High Wind (G65)
	1400MST								

A strong cold front moved eastward across southern New Mexico during the early afternoon hours, bringing numerous wind gusts in the 65 to 75 mph range. Some trees were blown over in the Las Cruces area, along with numerous reports of roof damage. Blowing dust was extensive in southern Otero County.

NMZ022>025-030>032

Southwest Mountains/Lower Gila Region - Sierra County Lakes Region - Tularosa Basin/Southern Desert - Southern Sacramento Mountains - Southwest Desert/Boothill - Southwest Desert Mimbres Basin - Southern Desert

10	1300MST				0	0	55K		High Wind (G65) ^M
	1900MST								

The second high wind event within 5 days occurred in southern New Mexico. This one, although containing slightly lower peak gusts (60 to 70 mph with a few reports of 75 mph), continued for a much longer period and over a larger area. Trees were downed, windows broken, and power poles were blown over. A power outage in southern Dona Ana County lasted for more than 2 hours.

NEW MEXICO, Southeast

NMZ028>029

Eddy County Plains - Northern Lea County

06	1350MST				0	10	600K		High Wind (G61)
	1401MST								

Storm Data and Unusual Weather Phenomena

April 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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NEW MEXICO, Southeast

A strong upper level storm system moving across the area produced strong gradient winds across southeast New Mexico during the afternoon of April 6. Wind gusts in excess of 70 mph at times resulted in a six vehicle accident on Highway 2 north of the city of Artesia and a four vehicle accident on Highway 285 north of the city of Artesia minutes later. The wind snapped large tree branches and electric power lines. The wind was also responsible for disrupting cable television transmitters and also for blowing a parking canopy support through the windshield of a pickup truck. In Carlsbad, winds as high as 67 mph blew down a 60 foot Arizona Cypress tree and caused major roof damage to a greenhouse.

Eddy County

Carlsbad	21	1900MST			0	0	20K		Dry Microburst
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A dry microburst resulted in damage to a metal storage building and also to several sheds in the city of Carlsbad.

NEW YORK, Central

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

01	0000EST				0	0			Record Low Rainfall
30	2359EST								

Although rainfall was adequate during the first half of the month, the second half was very dry. Monthly precipitation totals were well over 2.00 inches below normal at some locations and it was the driest April on record at both Walton and the NWS office at the Binghamton Regional Airport.

Oneida County

Vernon to Utica	08 10	0700EST 0900EST			0	0			Urban/Sml Stream Fld
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Thunderstorms early in the morning of April 8th produced heavy rains across portions of Oneida county and created some localized flooding. Portions of Route 233 and River Street in Oriskany, Mohawk Street in Whitestown, and Wurz Avenue in North Utica were closed due to flooding. Portions of Route 5 were also closed due to flooding. Most roads were reopened by the morning of April 10th.

NYZ044

Cortland

08	1200EST				0	0			Flood
14	1130EST								

Rainfall and snowmelt combined to bring the Tioghniga River out of its banks at Cortland in Cortland county. The flooding was minor and confined mostly to rural agricultural lands in the flood plain.

NYZ046

Otsego

08	1200EST				0	0	25K		Flood
30	1200EST								

Heavy rains and snowmelt runoff caused seasonal flooding along Canadarago Lake to become excessive. Numerous houses along the shore outside of the normal flood plain became flooded to the first floor. Dozens of residents were evacuated.

NYZ045-056

Chenango - Broome

08	1258EST				0	0			Flood
14	1228EST								

Rainfall and snowmelt combined to bring the Chenango River out of its banks from Sherburne through Chenango Forks in Chenango and Broome counties. The flooding was minor in nature and primarily confined to agricultural lands in the flood plain.

NYZ045>046-055>056

Chenango - Otsego - Tioga - Broome

09	0128EST				0	0			Flood
16	2300EST								

Rainfall and snowmelt combined to bring the Susquehanna River out of its banks from Unadilla through Waverly in Otsego, Chenango, Broome, and Tioga counties. The flooding was minor and confined mostly to rural agricultural lands in the flood plain.

NYZ018

Onondaga

16	0800EST				0	0			Flood
25	0800EST								

Rainfall and snowmelt caused Oneida Lake to overflow its banks. Cicero Beach Road in Cicero was closed and several homes received minor damage from flooding.

NEW YORK, Coastal

NYZ081

Southeast Suffolk

05	1415EST				0	0			Dust Devil
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An unusually strong dust devil formed along the leading edge of a sea breeze front under clear skies. As the dust devil moved southeast across Brookhaven Calabro Airport in Shirley, it snapped two restraining rope lines and lifted a 2000 pound single-engine Piper Cherokee plane about 25 feet above the ground and tossed it. It also lifted the aircraft cowling, which landed about 200 yards away. Witnesses saw a swirling column of dust about 75 feet tall when the damage occurred.

Storm Data and Unusual Weather Phenomena

April 2001

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

NEW YORK, Coastal

Nassau County

Lido Beach	09	2000EST			0	0			Hail (0.75)
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Westchester County

Rye	09	2030EST			0	0			Lightning
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On Monday morning of April 9th, a nearly stationary front extended from the southern Great Lakes to the northern Middle Atlantic coast. A wave of low pressure developed along this frontal boundary, and traveled east into southeast New York by late Monday afternoon. In response to this wave, the stationary front lifted north during Monday afternoon into southern New York State. This allowed warm, moist and unstable air to usher into portions of southeast New York.

As a cold front approached from the west, scattered thunderstorms developed during the late afternoon. Some thunderstorms became severe and produced dime-sized hail early Monday evening across southern Nassau County. Frequent lightning and heavy downpours also accompanied these thunderstorms. Lightning was responsible for destroying a home in Rye New York on Thistle Lane at approximately 9:30 PM EDT. The lightning reportedly struck a floodlight located in a tree adjacent to the home, and then traveled through the wires and into the walls of the house. This triggered a fire, which subsequently destroyed the home.

The thunderstorms moved east, out of southeast New York by late evening.

NEW YORK, East

NYZ047

Schoharie

08	1200EST				0	0	100K		Flood
15	1200EST								

The combination of heavy rains and rapid snowmelt resulted in excessive water buildup in the caves underneath Sharon Springs, Schoharie County. Excessive pressure forced water from the caves onto the streets of Sharon Springs, flooding most of the town roads and putting as much as 6 feet of water in the basements of as many as 100 homes. Portions of State Routes 20 and 10 were flooded as well. Many local businesses were disrupted and up to 14 people were left homeless. A state of emergency was declared during the week of April 8-15. The Mayor of Sharon Springs stated it was the biggest flood ever noted in the town. The flooding lasted nearly a week.

Montgomery County

Amsterdam

08	1900EST				0	0	1M		Mudslide
	2100EST								

Excessive rains and snowmelt led to massive erosion, resulting in a mudslide between Amsterdam and Rotterdam Junction in eastern Montgomery County. The mud slide took place, April 8, on an escarpment located on the north side of the Mohawk River. The mudslide encompassed a 35 to 40-yard stretch of Route 5, completely covering the westbound lane with mud, branches and large tree trunks. Traffic had to be re-routed for several days. A portion of Swart Hill Road was completely destroyed.

NYZ038

Southern Herkimer

09	1200EST				0	0	50K		Flood
10	2300EST								

Heavy rainfall from thunderstorms, along with rapidly melting snow, caused the Mohawk River to quickly rise above the 403 foot flood stage at Utica on April 9. The river crested at 407.3 feet later that day, then receded to below the flood level late on the 10th. The Mohawk River exceeded flood stage at the Little Falls gauge in Herkimer County, where it rose to 15.8 feet, nearly a foot above the flood stage.

The flooding caused problems at the Canal Corporation in Utica, which took on 3 to 4 feet of water. Watertight barrels were placed around the plant to protect it. Employees, at the Canal Corporation, had to use boats to get from the plant to their cars.

Herkimer County

Mohawk

09	2300EST				0	0	100K		Mud Slide
10	0100EST								

Excessive rains and rapid snowmelt produced a mudslide in the town of Mohawk, Herkimer County which covered portions of Route 334, blocking traffic.

NYZ042

Warren

16	1130EST				0	0	500K		Flood
30	2359EST								

The runoff from rapid snowmelt, caused the Schroon River in Warren County to rise out of its banks around midday, on April 16th. The gage at Riverbank reached the flood stage of 7.0 feet at that time. The river continued to swell, and did not crest until the gauge reached 10.1 feet, early on April 24. This was the highest level recorded in 50 years. Portions of Route 413 became inundated, as did many homes in the towns of Chester, Pottersville, Horicon and Warrensburg. A number of residents had to be evacuated and a few bridges were closed. After the 24th, the river slowly receded, but remained above flood stage for the remainder of the month.

Storm Data and Unusual Weather Phenomena

April 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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NEW YORK, East

Washington County Argyle

16	1400EST 1800EST				0	0	95K		Wild/Forest Fire
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A person in Argyle, Washington County was burning his trash during the afternoon of April 16. The wind increased, causing the fire get out of control. The tinder had dried out enough for the fire to spread quickly. 34 acres of land were scorched and a hay barn destroyed. Flames reached as high as 10 feet. There was still too much mud underneath to allow fire engines to be moved across the fields. Therefore, the fire was extinguished by hand. It was considered the worst brush fire in Washington County in at least seven years.

Schenectady County Glenville

18	1445EST 1630EST				0	0	5K		Wild/Forest Fire
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A dry, breezy day allowed a small fire to briefly rage out of control near Glenville, Schenectady County on April 17. The blaze scorched between four and six acres of grasslands, and threatened several homes west of the Glendale Nursing Home. Some residents of the nursing home were evacuated. There was no structural damage nor injuries reported to the National Weather Service.

Rensselaer County Schaghticoke

19	1500EST 1600EST				0	0	2K		Wild/Forest Fire
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Very dry and breezy conditions allowed a small fire to erupt briefly out of control on the afternoon of April 19 in Schaghticoke, Rensselaer County. The fire scorched a 3-acre section of the Swallow Farm cornfield, located on Route 67. The blaze was extinguished in about an hour and luckily, resulted in neither injuries nor building damage.

NEW YORK, North

NYZ028

Northeast Clinton

09	1045EST				0	0	10K		Flood
11	1700EST								

An ice jam formed on the Great Chazy River in Clinton county of New York. There were reports of low land flooding and some roads blocked by water from Perry Mills to the Village of Champlain, NY. At Perry Mills the river gage reached 10.8 feet on Wednesday, April 11th. The highest gaged water levels occurred from the late morning of Tuesday April 10th into the early night of April 10th. Water got into the basements of a few homes.

NYZ028

Northeast Clinton

12	2245EST				0	0	5K		Flood
14	2000EST								

A combination of snowmelt, rainfall and local ice jams resulted in the Great Chazy River exceeding it's flood stage. High water with low land flooding was reported from Perry Mills to the Village of Champlain. The river gage at Perry Mills, NY exceeded it's flood stage during this time period.

NYZ034>035

Western Essex - Eastern Essex

22	1515EST				0	0	2K		Flood
23	0400EST								

Portions of the AuSable River exceeded its banks with field flooding the result. The river gage at Au Sable Forks exceeded flood stage during this time period.

NYZ028-035

Northeast Clinton - Eastern Essex

23	0600EST				0	0	10K		Flood
30	2359EST								

Snow melt and associated runoff due to the spring melt resulted in flooding along the shores of Lake Champlain. Lake levels reached the 100.99 foot level (flood stage is 100 feet). Lakeshore flooding continued into the month of May.

NYZ034>035

Western Essex - Eastern Essex

23	2300EST				0	0	2K		Flood
25	0100EST								

The East Branch of the AuSable River exceeded its banks at times with field flooding the result. The river gage at Au Sable Forks exceeded flood stage.

NEW YORK, West

Erie County

Angola

07	1012EST				0	0	10K		Hail (1.00)
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Lewis County

Lyons Falls

08	0120EST				0	0	50K		Thunderstorm Wind
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Thunderstorms moved across the area during the late night and early morning hours. A couple of the storms reached severe limits. In Angola, Erie County, one inch hail was reported. In Sodus, Wayne County, thunderstorms winds brought down a large tree that crushed a late model auto. The car was a total loss. County sheriffs also reported the winds downed power lines in Lyons.

NYZ019

Chautauqua

12	1700EST				0	0	100K		High Wind
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Deep low pressure over Lake Superior moved northeast across Ontario and brought strong winds to western New York. In

Storm Data and Unusual Weather Phenomena

April 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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NEW YORK, West

Chautauqua county, the winds downed power lines in Lakeside. A tractor trailer was overturned by the high winds on Route 394 in Harmony.

NYZ008

Lewis

13 0700EST

0

0

50K

Flood

16 1600EST

Melting snow from spring thaws caused the Black River to exceed flood stage for 81 hours. The crest however was only one foot above the 10' flood stage. Several roads were closed in Lowville and Grieg. One basement flooded in Carthage.

NORTH CAROLINA, Central

Chatham County

5 E Pittsboro

01 1055EST

0

0

Hail (0.75)

Chatham County

10 E Pittsboro

01 1122EST

0

0

Hail (0.75)

Davidson County

Lexington

01 1125EST

0

0

Thunderstorm Wind (G60)

Strong winds knocked over a barn, ripped a roof off a business, and destroyed two mobile homes near Hwy 150 and Becky Hill Rd.

Wake County

Cary

01 1145EST

0

0

Hail (0.75)

Anson County

Peachland

01 1150EST

0

0

Thunderstorm Wind (G50)

Many trees were downed in the southern and western part of the county.

Moore County

Robbins

01 1150EST

0

0

Hail (0.75)

Randolph County

Erect

01 1150EST

0

0

Thunderstorm Wind (G50)

Several trees were blown down.

Wake County

Cary

01 1158EST

0

0

Hail (0.75)

Anson County

Wadesboro

01 1205EST

0

0

Hail (1.00)

Harnett County

Mamers

01 1205EST

0

0

Hail (1.00)

Montgomery County

Candor

01 1210EST

0

0

Hail (0.75)

Richmond County

Hamlet

01 1220EST

0

0

Thunderstorm Wind (G50)

Several trees downed.

Moore County

Carthage

01 1225EST

0

0

Hail (0.75)

Chatham County

5 N Siler City

01 1235EST

0

0

Hail (0.75)

Lee County

Broadway

01 1250EST

0

0

Hail (0.75)

Wake County

Holly Spgs

01 1250EST

0

0

Hail (0.75)

Hoke County

Raeford

01 1255EST

0

0

Thunderstorm Wind (G50)

Trees downed.

Orange County

Carrboro

01 1256EST

0

0

Hail (0.75)

Cumberland County

Fayetteville Arpt

01 1311EST

0

3

Thunderstorm Wind (G58)^M

Two girls were injured and taken to a hospital when a tree fell through a house off Ramsey St. Another child was injured when a swingset blew over. Two banks on Bragg Blvd. sustained damage, and numerous large trees and powerlines were blown down.

Alamance County

Snow Camp

01 1315EST

0

0

Hail (0.75)

Dime sized hail covered the ground.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH CAROLINA, Central</u>									
Harnett County									
Angier	01	1325EST			0	0			Hail (0.75)
Scotland County									
Countywide	01	1325EST			0	0			Thunderstorm Wind (G50)
Trees downed across the county.									
Johnston County									
Coats Xrds	01	1330EST			0	0			Thunderstorm Wind (G50)
Trees downed.									
Harnett County									
Coats	01	1335EST			0	0			Hail (1.00)
Sampson County									
Clinton	01	1335EST			0	0			Hail (0.75)
Johnston County									
Smithfield	01	1345EST			0	0			Hail (1.00)
Wilson County									
Sims	01	1350EST			0	0			Hail (0.88)
Wayne County									
Rosewood	01	1430EST			0	0			Hail (1.00)
<u>NORTH CAROLINA, Central Coastal</u>									
Onslow County									
Haw Branch	01	1342EST			0	0			Hail (0.75)
Duplin County									
Wallace	01	1412EST			0	0			Hail (0.75)
Duplin County									
Faison	01	1412EST			0	0			Hail (0.75)
Onslow County									
(Oaj)Ellis Fld Jacks	01	1425EST			0	0			Hail (0.75)
Onslow County									
Catherine Lake	01	1425EST			0	0			Hail (0.75)
Onslow County									
Catherine Lake	01	1443EST			0	0	5K		Thunderstorm Wind (G56)
Thunderstorm wind blew the roof off of a house, destroyed a barn, and knocked a mobile home off its foundation in Catherine Lake.									
Onslow County									
Jacksonville	01	1452EST			0	0			Hail (1.75)
Onslow County									
Hubert	01	1510EST			0	0			Thunderstorm Wind (G61)
Estimated wind speeds of 70 mph knocked down numerous power lines and trees in and near Hubert and Stella.									
Carteret County									
Stella	01	1530EST			0	0			Thunderstorm Wind (G61)
Carteret County									
Cape Carteret	01	1530EST 1532EST	0.2	50	0	0			Tornado (F0)
Severe thunderstorm produced a weak tornado that touched down near Cape Carteret, blowing over trees and power lines.									
Carteret County									
Cape Carteret	17	1435EST			0	0			Thunderstorm Wind (G55) ^M
Measured by Emerald Isle police department Davis instrument.									
Carteret County									
Salter Path	17	1445EST 1447EST			0	0			Thunderstorm Wind (G60) ^M
Carteret County									
Sealevel	17	1520EST			0	0			Hail (1.75)
Carteret County									
Morehead City	17	1500EST 1510EST	0.5	100	0	0	100K		Tornado (F1)

A severe thunderstorm produced a tornado which touched down on the north side of Morehead City. The tornado touched down near the intersection of 20th St. and Champion Dr. The tornado uprooted numerous trees, caused minor roof damage, and tossed a 1 ton boat up against a house. Wind speeds in the tornado were estimated to be between 75 to 80 mph. Straight-line winds of 70 mph

Storm Data and Unusual Weather Phenomena

April 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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NORTH CAROLINA, Central Coastal

in and around the storm also caused numerous incidents of minor wind damage across Morehead City and Beaufort.

Carteret County

6 W Sealevel	17	1516EST 1518EST	0.5	100	0	0			Tornado (F0)
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A weak tornado moved over Open Grounds Farms, knocking over trees.

NORTH CAROLINA, Extreme Southwest

NONE REPORTED.

NORTH CAROLINA, North Coastal

NONE REPORTED.

NORTH CAROLINA, Northwest and North Central

NCZ018

Watauga

02	0600EST				0	0	10K		High Wind
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High winds blew down a gable roof over a porch at a church in Mable.

NORTH CAROLINA, South Coastal

Robeson County

3 W Pembroke	01	1249EST			0	0			Thunderstorm Wind (G52) ^M
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Ham radio operator reported a measured wind gust with home wind equipment of 60 mph.

Pender County

Rocky Pt to Burgaw	01	1250EST 1257EST			0	0			Hail (0.75)
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TV station reported dime size hail.

Pender County

Hampstead	01	1251EST 1255EST			0	0			Hail (0.75)
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Spotter reported dime size hail.

New Hanover County

Wilmington	01	1255EST 1303EST			0	0			Hail (0.88)
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Ham radio reported both dime and nickle size hail.

Robeson County

Lumberton	01	1257EST			0	0			Thunderstorm Wind (G51) ^M
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Lumberton ASOS reported a measured wind gust of 59 mph.

Bladen County

Bladenboro	01	1305EST 1310EST			0	0			Thunderstorm Wind (G60)
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Spotter reported trees and power lines down.

Brunswick County

Holden Beach	01	1315EST 1320EST			0	0			Hail (0.75)
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Ham radio operator reported dime size hail.

Bladen County

Dublin	01	1315EST 1325EST			0	0	150K		Thunderstorm Wind (G70)
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Straight line winds caused the destruction of five tobacco barns and two greenhouses. Five homes also sustained roof damage. A NWS survey estimated the winds at 80 mph.

New Hanover County

Wrightsville Beach	01	1315EST			0	0			Thunderstorm Wind (G77) ^M
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Wind equipment at Wrightsville Beach measured an 89 mph wind gust.

Pender County

Surf City	01	1315EST			0	0			Thunderstorm Wind (G69) ^M
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Wind equipment at the Surf City drawbridge measured an 80 mph wind gust.

Bladen County

Elizabethtown	01	1320EST 1325EST			0	0			Hail (0.75)
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Dime size hail reported.

Robeson County

Orrum	01	1321EST			0	0			Hail (0.75)
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Dime size hail reported. The tops of trees were also reported snapped.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NORTH CAROLINA, South Coastal</u>									
Robeson County									
Wakulla	01	1325EST			0	0			Thunderstorm Wind (G60)
Large tree blown was blown down across the road. One home was damaged.									
Bladen County									
Elizabethtown	01	1330EST 1335EST			0	0			Thunderstorm Wind (G60)
Bladen 911 reported power lines down.									
Brunswick County									
5 SE Bolivia	01	1330EST 1335EST			0	0			Hail (0.75)
Dime size hail reported at Boiling Springs Lakes.									
Robeson County									
5 S Red Spgs to 2 SE Red Spgs	01	1330EST 1340EST			0	0	300K		Thunderstorm Wind (G78)
NWS surveyed damage to homes in Prospect, near Red Springs. Damage occurred to 8 homes, with several sustaining significant damage. One roof was blown completely off. Many trees were down, all as a result of straight line winds. The estimated peak wind for the event was 90 mph.									
Columbus County									
Nakina	01	1345EST 1350EST			0	0			Hail (0.75)
Spotter reported dime size hail.									
Bladen County									
Bladenboro	01	1345EST 1347EST			0	0			Thunderstorm Wind (G60)
911 reported power lines down.									
Pender County									
Burgaw	01	1404EST 1408EST			0	0	15K		Thunderstorm Wind (G65)
General public reported a thunderstorm wind that destroyed a shed and blew it across a roadway.									
Pender County									
Watha	01	1408EST			0	0			Thunderstorm Wind (G51) ^M
Trained spotter in Watha reported a measured 59 mph wind gust on his home wind equipment.									
Pender County									
Maple Hill	01	1415EST 1420EST	0.3	100	0	0	100K		Tornado (F0)
NWS surveyed damage to a turkey farm in Maple Hill. One building sustained significant damage, with debris consisting of broken timbers, sheets of tin, and various feeding equipment, spread over an area that was approximately 100 yards wide and a quarter mile long.									
Brunswick County									
Winnabow	01	1430EST 1435EST			0	0			Thunderstorm Wind (G55)
Large tree was blown across a road.									
Columbus County									
Whiteville	01	1445EST 1450EST			0	0	25K		Thunderstorm Wind (G65)
Thunderstorm winds caused damage to the roof of the Central Middle School gymnasium. A school official reported that the west side of the roof was peeled back.									
Bladen County									
Clarkton	01	1600EST 1605EST			0	0			Hail (0.75)
Dime size hail reported.									
NCZ097 Pender									
	17	0600EST			0	0			Extreme Cold
	19	0600EST							
Unseasonably cold temperatures caused significant crop damage to the winter wheat in Pender County. Monetary damage assessment unknown. Damage was also sustained to the blueberry crop. No precautionary measures were taken to protect the blueberries, which led to the damage.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>NORTH CAROLINA, Southwest</u>									
NCZ033>037-048>059-062>072-082			Avery - Caldwell - Alexander - Iredell - Davie - Madison - Yancey - Mitchell - Swain - Haywood - Buncombe - 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
	30	2359EST							
			Some relief to the long-term drought occurred at mid-month, but for the most part, the rainfall deficit for the three-year period actually grew larger by the end of April. Mandatory water restrictions continued at a few mountain locations, with voluntary water restrictions urged at many others. Numerous wells went dry during April.						
NCZ033-048>050-053			Avery - Madison - Yancey - Mitchell - Buncombe						
	01	0400EST			0	0			Snow
		1000EST							
			Wet snow fell through the morning, resulting in accumulations ranging from 1 to 3 inches. The southernmost sections of this area were only affected at the highest elevations.						
			A potent upper level disturbance rotating across the southeast states behind a strong cold front that crossed the area late in March interacted with cold, moist air remaining over the mountains to produce a light blanket of snow early on the 1st.						
Buncombe County									
Jupiter	01	0800EST			0	0	20K		Thunderstorm Wind (G55)
			The first reported wind damage in the episode came from northern Buncombe County. Most of the roof of a house was blown off into the road. The residents reported that all was calm, then rain and wind hit suddenly. The wind flow may have been increased by a funnelling effect through a narrow mountain pass.						
Cleveland County									
Boiling Spgs	01	0940EST			0	0	1K		Thunderstorm Wind (G50)
			The roof was torn off a utility building.						
Lincoln County									
Triangle	01	1015EST			0	0			Thunderstorm Wind (G50)
			County 911 center reported trees down on a residence at Lake Norman.						
Gaston County									
Gastonia	01	1015EST			0	0			Hail (0.75)
Gaston County									
Gastonia	01	1015EST			0	0			Thunderstorm Wind (G50)
		1020EST							
			Trees were downed in the vicinity of Gastonia between 11:15 am EDT and 11:20 EDT. A couple of trees fell on power lines, resulting in some small fires.						
Mecklenburg County									
Matthews	01	1055EST			0	0			Thunderstorm Wind (G52)^M
Rowan County									
Enochville	01	1055EST			0	0			Thunderstorm Wind (G50)
			A storm spotter reported trees down in Enochville.						
Mecklenburg County									
Matthews	01	1055EST			0	0			Hail (0.75)
Cabarrus County									
5 E Concord	01	1105EST			0	0			Hail (0.75)
Rowan County									
6 E Salisbury	01	1108EST			0	0			Hail (1.00)
			Spotter reported quarter-size hail between East Spencer and High Rock Lake.						
Rowan County									
2 N Rockwell	01	1115EST			0	0			Thunderstorm Wind (G50)
			Storm spotter reported 3 trees blown down, one of which fell on a house, crushing the roof.						
Union County									
Indian Trail	01	1115EST			0	0			Thunderstorm Wind (G58)
			911 center reported trees down and wind estimated to 65 mph. A storm spotter nearby recorded an actual measured gust of 60 mph.						
Union County									
10 S Monroe	01	1120EST			0	0			Thunderstorm Wind (G55)
			911 center reported trees down.						
Union County									
10 S Monroe	01	1120EST			0	0			Hail (1.75)
Union County									
Monroe	01	1125EST			0	0			Lightning
			Emergency management reported 2 large oak trees down. One tree fell on a horse trailer, the other on a house. The roof was torn off a						

Storm Data and Unusual Weather Phenomena

April 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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NORTH CAROLINA, Southwest

small building. There was also some structural damage to a separate home, one house fire and one brush fire was started from lightning.

Union County

Monroe	01	1125EST			0	0	25K		Thunderstorm Wind (G58)
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Union County

Marshville	01	1140EST			0	0			Thunderstorm Wind (G58)
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911 center reported trees down and wind estimated at 65 mph.

A strong cold front crossed western North Carolina on the 1st, bringing a dramatic clash of air masses, and the first significant severe weather outbreak in nearly six months, to a region that had experienced near-record warmth for the few days leading up to the event. Numerous supercell thunderstorms roamed the foothills and piedmont at the height of the event.

NCZ034>037-

Caldwell - Alexander - Iredell - Davie - Buncombe - McDowell - Burke - Catawba - Rowan - Henderson - Polk

053>057-065>070	17	0700EST 1500EST			0	0			Snow Showers
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NCZ034-036-057-068-071

	17	0800EST 1700EST			1	0			High Wind (G50) ^M
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Gusty winds were strong enough to cause scattered damage reports. In Iredell and Rowan counties, a number of trees were downed and a few caused power lines to fall, starting grass fires in the dry conditions. A few trees fell on houses. In Cleveland County, a tree fell on a mobile home in Patterson Springs, and a number of tree limbs were blown down. In Hickory, the wind fanned the flames of a fire at a car dealership. In Charlotte, a number of trees and limbs fell. One 60-foot section of a tree fell on a car, resulting in a fatality.

A strong, Arctic high pressure system built over the southern Appalachians at mid month, producing not only record cold temperatures for this time of year, but also contributing to records for late season snowfall at some areas as a potent upper level disturbance affected the region later in the day. With a tight pressure gradient in place, surface winds gusted to between 40 and 55 mph at some foothill and piedmont locations. M76VE

NORTH DAKOTA, Central and West

NDZ001-009-017

	02	1800CST			0	0			Winter Storm
	03	0800CST							

A strong upper level storm system moved north...northeast out of Wyoming into North Dakota and Montana during the evening hours of the 2nd of April 2001. A combination of rain, sleet and brief periods of heavy wet snow fell across western and central North Dakota. Snowfall accumulation's of 4 to 6 inches were common across western North Dakota. The northwest area of the state received much of the snowfall, where scattered reports of around 6 inches of wet snow accumulated.

NDZ046-048-050>051

	22	1000CST			0	0			Heavy Snow
	23	0400CST							

A spring storm system over Colorado moved into the plains during the early hours on the 22nd of April, then moved into the Great Lakes Region on the 23rd of April. The storm system produced a swath of heavy wet snow from west central South Dakota through parts of south central and much of southeastern North Dakota. Up to a foot of wet snow fell across this area. In south central North Dakota, 6 to 8 inches fell across southern Emmons, La Moure, Dickey and McIntosh counties.

NORTH DAKOTA, East

NDZ028

	01	0000CST			0	0	250K		Flood
	15	2359CST							

Spring snowmelt led to flooding along the Sheyenne River. The river overflowed its banks and threatened farmsteads, farmland, and a bible camp 5 miles east of Cooperstown.

NDZ038

	01	0000CST			0	3	500K		Flood
	15	2359CST							

Spring snowmelt and overland flooding led to numerous road closures, road and culvert washouts, and bridge closures around Barnes county. Three people were injured in Minnie Lake Township when a road collapsed beneath their car. Several basements were also flooded by the high water.

NDZ049

	01	0000CST			0	0	250K		Flood
	15	2359CST							

Many roads and culverts were damaged from overland flooding during the spring snowmelt.

Storm Data and Unusual Weather Phenomena

April 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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NORTH DAKOTA, East

NDZ053

Richland

06	0000CST	0	0	3M	Flood
30	2359CST				

The headwaters of the Red River received the most snow over the course of the winter. Snow water equivalents of 4 to 5 inches were measured from the snowpack over this area. As the snowmelt progressed through early April, several heavy rain events occurred. The first, on the 7th of April, brought widespread rainfall amounts of 1 to 2 inches to the southern Red River basin. This rain fell on top of the remaining snowpack, which resulted in faster rises on the Red and Wild Rice Rivers. Both the Bois de Sioux and Ottertail Rivers crested at the same time in Wahpeton, something that hadn't happened in recent memory. This brought the first crest on the Red River at Wahpeton, 16.96 feet on the 9th. A second heavy rain event occurred on the 11th and 12th of April, with many locations south of Wahpeton-Breckenridge reporting 1 to 1.50 inches of rain. This led to a second crest at Wahpeton on the 13th of 16.21 feet. As the Red continued to fall after this second crest, a winter storm event occurred on the 22nd and 23rd. This storm brought over a foot of snow to some locations in Richland county. As this snow rapidly melted over the next couple of days, it brought a third crest on the Red River at Wahpeton on the 26th at 13.88 feet. The 16.96 foot crest was the 5th highest crest on record. 3 of the top 5 Wahpeton crests have occurred since 1996. As the snowmelt progressed across southern Richland county, overland flooding caused major problems between the Wild Rice and Red Rivers. The town of Great Bend had numerous farmsteads surrounded by water. Many roads were washed out from the overland flooding and many roads and bridges were closed. The Wild Rice River at Abercrombie also crested 3 times, with the first crest also being the highest at 25.22 feet. This was the third highest crest on record.

NDZ039

Cass

06	0001CST	0	0	4M	Flood
30	2359CST				

The winter brought 52.5 inches of snow to the Fargo-Moorhead area, which was above the average of 40 inches. The snow water content over Cass county ranged from 2.5 to 3.5 inches. A heavy rain event on April 7th brought a widespread swath of 1 to 2 inches of rain to the Red River basin. This rain event, along with the snowmelt runoff, contributed to the crest of 36.69 feet in Fargo on the 14th of April. This was the 4th highest crest ever at Fargo. Another rain event on the 11th and 12th, and a winter storm that brought 7.9 inches of snow on the 22nd and 23rd, helped keep the Maple, Rush, Sheyenne, and Red Rivers high for nearly the whole month. The flooding caused heavy damage to the roads, streets, and bridges in Cass county. The West Fargo Diversion channel was opened on April 4th, reaching a crest of 22.13 feet on the 11th. This was the second highest crest in the diversion's short life span. The area north of West Fargo to Harwood turned into a big lake once again, surrounding many homes with water. One link to Moorhead was closed due to high water, which was the 1st Avenue North bridge. One section of temporary dike failed along the Red River in Fargo, flooding the El Zagal Golf Course. Another temporary dike was built along 64th Avenue South in Fargo, to prevent the overland flooding that caused major havoc to Fargo during the record flood of 1997. The West Fargo Airport was temporarily closed when water rose over its runway.

NDZ030

Trails

07	0000CST	0	0	500K	Flood
26	2359CST				

NWS cooperative observers reported nearly 2.5 inches snow water content in the snowpack, after a winter with above average snowfall. A heavy rainfall event on the 7th of April brought 1 to 2 inches of rain to the Red River basin, adding to the snowmelt flooding. The Red River crested at Halstad at 38.47 feet on April 16th and remained near the crest level for nearly a week. This level was the 5th highest crest on record. An ice jam developed at the Nielsville bridge over the Red River on April 7th, and threatened to severely damage the bridge. About 200 yards of ice and logs dammed up behind the bridge, and it took several large backhoes to clear the jam.

NDZ027

Grand Forks

07	0001CST	0	0	3M	Flood
26	2359CST				

The winter brought 45.3 inches of snow to the Grand Forks-East Grand Forks area, which is slightly above the average of 40 inches. Snow water contents across Grand Forks county ranged from 1.5 to 2.5 inches. The snow over Grand Forks county had melted by the first of April, and the snowmelt began to affect the rivers. Then, a heavy rain event occurred on the 7th, and brought 1 to 2 inches of rain to the Red River basin. The Red River peaked at 44.80 feet on April 12th, which was not in the top ten crests on record. The English Coulee backup up from the high Red River level, forcing some sandbagging of homes in north Grand Forks. The Burke addition was also cut off by the high river, leaving 26 homes without road access. Another rain event further south on the 11th and 12th, and a winter storm on the 22nd and 23rd helped hold up the Red River level through most of the month. The point bridge between Grand Forks and East Grand Forks was closed due to the high river level.

NDZ016

Eastern Walsh

07	0002CST	0	0	500K	Flood
30	2359CST				

The winter brought a good amount of snow to the northern Red River Valley, which resulted in snow water contents of 1.5 to 2.5 inches. The northern Red River Valley received less snow than the southern valley, which resulted in the snow cover disappearing faster over the north than further south. A heavy rain event on the 7th brought widespread 1 to 2 inch rainfall amounts to the entire Red River basin. Another heavy rain event over the southern Red River basin on the 11th and 12th, and a winter storm that dropped a foot of snow over the southern Red River basin, helped hold the Red River level at Oslo near 37 feet from April 13th to 17th. This river crest was close to the 5th highest ever. Quite a bit of water spread out along Interstate 29 near the Oslo interchange,

Storm Data and Unusual Weather Phenomena

April 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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NORTH DAKOTA, East

surrounding several farmsteads.									
NDZ008			Pembina						
	07	0003CST			0	0	500K		Flood
	30	2359CST							
A near normal winter left a snowpack with 1.5 to 2.5 inches of snow water equivalent to the Pembina county area. The snow melted first over the northern Red River basin. A heavy rain event dropped 1 to 2 inches of rain over the Red River Valley on the 7th. Another heavy rain event occurred over the southern Red River basin on the 11th and 12th, and a winter storm also dropped a foot of snow over that same area on the 22nd and 23rd. These events kept the Red River near its crest level for nearly a week. The Red River crested in Drayton at 41.38 feet on April 21st and crested at 49.43 feet in Pembina on April 26th. The crest at Drayton was the 8th highest ever, while the crest at Pembina was the 4th highest ever. The bridges over the Red River at Joliette and Drayton were both closed due to high water.									
Richland County									
Wahpeton	07	0130CST			0	0			Flash Flood
Highway 13 between Interstate 29 and Wahpeton was flooded by the heavy rainfall. 1.28 inches of rain fell in Wahpeton and 1.78 inches of rain fell 9 miles west of Wahpeton.									
Barnes County									
Nome	07	0845CST			0	0			Flash Flood
One inch of rain fell around the Nome and Fingal areas, flooding some rural roads.									
Cass County									
Kindred	07	0845CST			0	0			Flash Flood
One to 1.50 inches of rain fell from Kindred to Horace, flooding some rural roads.									
Ransom County									
McLeod	07	0845CST			0	0			Flash Flood
One inch of rain fell around the McLeod area, flooding some rural roads. The ground was still saturated from the spring snowmelt, so most of the rain ended up as runoff.									
Sargent County									
Forman	07	0845CST			0	0			Flash Flood
1.50 to 2 inches of rain fell across Sargent county, flooding some rural roads. Most of the rain ended up as runoff, as the ground was still saturated from the spring snowmelt.									
Richland County									
4 W Wahpeton	07	0845CST			0	0			Flash Flood
Water was reported over roads.									
NDZ038>039-049-052>053			Barnes - Cass - Ransom - Sargent - Richland						
	22	1530CST			0	0			Winter Storm
	23	0319CST							
A strong low pressure system tracked from Colorado into Wisconsin, and set up an inverted trough over the southern Red River Valley. A mix of rain, freezing rain, and snow fell across southeast North Dakota and west central Minnesota. Snowfall amounts ranged from 7 to 12 inches, with liquid water equivalents from 1 to 2 inches. Both Forman and Milnor reported 12 inches of snow. This snow fell during the spring flood along the Red River, keeping river levels high through the end of the month. Wahpeton and Abercrombie reported a third crest after this snow melted and ran off into the river system. Due to the slushy nature of the snow, secondary roads became nearly impassable. Many cars slid off roads and several schools cancelled classes on Monday the 23rd.									

OHIO, East

Columbiana County									
Summitville	09	1505EST			0	0			Hail (0.88)
Tuscarawas County									
New Philadelphia	09	1505EST			0	0			Hail (0.75)
Columbiana County									
Salineville	09	1515EST			0	0			Hail (1.00)
Columbiana County									
Wellsville	09	1524EST			0	0			Hail (0.75)
Carroll County									
5 S Carrollton	09	1527EST			0	0			Hail (1.00)
Carroll County									
Malvern	09	1536EST			0	0			Hail (1.00)
Jefferson County									
East Springfield	09	1543EST			0	0			Hail (0.88)
Tuscarawas County									
Baltic	09	1601EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, East</u>									
Harrison County									
Cadiz	09	1630EST			0	0			Hail (1.75)
Jefferson County									
Steubenville	09	1640EST			0	0			Hail (1.00)
Tuscarawas County									
Gnadenhutten	09	1700EST			0	0			Hail (1.75)
Guernsey County									
Cambridge	09	1717EST			0	0			Hail (0.88)
Harrison County									
New Athens	09	1730EST			0	0			Hail (1.75)
Jefferson County									
Bloomingdale	09	1730EST			0	0			Hail (0.88)
Guernsey County									
Byesville	09	1732EST			0	0			Hail (1.00)
Belmont County									
St Clairsville	09	1735EST			0	0			Hail (1.00)
Noble County									
Belle Vly	09	1745EST			0	0			Hail (0.88)
Belmont County									
Martins Ferry	09	1748EST			0	0			Hail (0.75)
Guernsey County									
Cumberland	09	1748EST			0	0			Hail (1.25)
Noble County									
Sarahsville	09	1750EST			0	0			Hail (0.88)
Monroe County									
Woodsfield	09	1815EST			0	0	5K		Thunderstorm Wind
									Thunderstorm winds downed several trees.
A strong cold front passing across the area produced the first severe weather outbreak of the spring season. Numerous hail reports were received from across east central Ohio, with the hailstones ranging in diameter from dime-sized to as large as golfballs.									
Muskingum County									
Southwest Portion	11	0905EST 1915EST			0	0			Flood
									Heavy rains across southwest portions of the county forced streams over their banks, producing minor roadway flooding at locations such as Roseville and White Cottage.
Noble County									
West Portion	11 12	0950EST 0800EST			0	0			Flood
									Heavy rains across western sections of the county forced the temporary closure of several area roadways, including portions of State Routes 146, 147 and 821 in the Caldwell area.
									Showers and thunderstorms training over nearly saturated ground produced flash flooding across portions of east central Ohio.
<u>OHIO, North</u>									
Marion County									
La Rue	06	0425EST			0	0	35K		Thunderstorm Wind
									Thunderstorm winds downed several trees and large tree limbs. A car was damaged and a mobile home had some skirting torn off. Two small sheds were also blown down.
Wayne County									
Creston	06	0430EST			0	0	500K		Lightning
									Lightning struck a barn at a poultry farm and caused a fire. The fire completely destroyed a barn and killed 12,000 chickens inside.
OHZ009									
Erie									
	06	1400EST			0	0	20K		Flood
	07	0400EST							The Huron River at Milan went into flood during the afternoon of the 6th and crested at 16.2 feet during the evening. The river fell back below flood stage early on the 7th. Flooding was observed in the lagoon communities.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, North</u>									
Lucas County									
Maumee	07	1716EST			0	0			Hail (0.88)
									Nickel size hail was reported two miles west of Maumee.
Lucas County									
Maumee	07	1718EST			0	0			Hail (0.75)
									Dime size hail was reported.
Lucas County									
Maumee	07	1721EST			0	0			Hail (1.00)
									Quarter size hail was reported.
Lucas County									
Oregon	07	1725EST			0	0	50K		Hail (1.75)
									Golf ball size hail was reported six miles east of Oregon. Several cars were damaged.
Wood County									
Bowling Green	07	1725EST			0	0			Hail (0.75)
									Dime size hail was reported one mile west of Bowling Green.
Wood County									
Bowling Green	07	1725EST			0	0	30K		Thunderstorm Wind
									Thunderstorm winds downed several trees and blew down a garage one mile west of Bowling Green.
Wood County									
Rossford	07	1725EST			0	0			Hail (0.75)
									Dime size hail was reported.
Lucas County									
Oregon	07	1728EST			0	0			Hail (0.75)
									Dime size hail was reported.
Lucas County									
Toledo	07	1728EST			0	0			Hail (0.75)
									Dime size hail was reported on the southeast side of Toledo.
Lucas County									
Toledo	07	1730EST			0	0	25K		Thunderstorm Wind
									Thunderstorm winds downed several power poles.
Ottawa County									
Elmore	07	1750EST			0	0	30K		Thunderstorm Wind
									Thunderstorm winds downed 8 trees at a golf course. A building at the golf course was also damaged.
Ottawa County									
Oak Harbor	07	1750EST			0	0			Hail (0.75)
									Dime size hail was reported.
Sandusky County									
Woodville	07	1750EST			0	0	75K		Thunderstorm Wind
									Thunderstorm winds snapped 21 power poles near Woodville.
Ottawa County									
Oak Harbor	07	1753EST			0	0			Hail (1.00)
									Quarter size hail was reported.
Wood County									
Bowling Green	08	0130EST			0	0	20K		Thunderstorm Wind
									Thunderstorm winds downed several large trees. One of the fallen trees knocked a hole in the roof of a porch.
Trumbull County									
Warren	09	1140EST			0	0			Hail (0.88)
									Nickel size hail was reported three miles west of Warren.
Trumbull County									
Leavittsburg	09	1142EST			0	0			Hail (0.75)
									Dime size hail was reported.
Mahoning County									
Campbell	09	1325EST			0	0			Hail (0.75)
									Dime size hail was reported.
Mahoning County									
Lowellville	09	1330EST			0	0	10K		Thunderstorm Wind
									Thunderstorm winds downed several trees and power poles.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>OHIO, North</u>									
Mahoning County									
Lowellville	09	1345EST 1350EST	4	75	0	0	200K		Tornado (F2)
A weak F2 tornado touched down near Lowellville in eastern Mahoning County. The tornado had a intermittent damage path approximately four miles in length and 75 yards in width. Two homes, one business and two garages suffered significant damage with around a dozen other homes sustaining minor damage.									
Mahoning County									
Campbell	09	1413EST			0	0	40K		Thunderstorm Wind (G85)
Thunderstorm winds were estimated at 85 mph. Several trees were downed.									
Stark County									
Massillion	09	1418EST			0	0			Hail (0.75)
Dime size hail was reported.									
Stark County									
Massillion	09	1420EST			0	0			Hail (0.75)
Dime size hail was reported.									
Stark County									
North Industry	09	1420EST			0	0	300K		Hail (2.75)
Baseball size hail was reported. Dozens of cars were damaged and several homes had windows broken.									
Stark County									
Canton	09	1425EST			0	0	100K		Hail (2.00)
Hail the size of eggs was reported on the southwest side of Canton. Many cars were damaged.									
Stark County									
Massillion	09	1425EST			0	0	25K		Hail (1.00)
Quarter size hail was reported. A few cars were damaged.									
Stark County									
Canton	09	1426EST			0	0	125K		Hail (2.00)
Hail the size of eggs fell near the intersection of Interstate 77 and US Highway 30 and damaged many cars.									
Mahoning County									
Boardman	09	1431EST			0	0			Hail (0.75)
Dime size hail was reported two miles south of Boardman.									
Stark County									
Canton	09	1434EST			0	0	100K		Hail (1.75)
Golf ball size hail fell in downtown Canton.									
Stark County									
Waco	09	1434EST			0	0	50K		Hail (1.75)
Golf ball size hail was reported. Many cars were damaged.									
Stark County									
Louisville	09	1438EST			0	0			Hail (0.75)
Dime size hail was reported.									
Mahoning County									
Boardman	09	1446EST			0	0			Hail (0.75)
Dime size hail was reported.									
Stark County									
Canton	09	1449EST			0	0			Hail (0.88)
Nickel size was reported.									
Mahoning County									
Canfield	09	1450EST			0	0			Hail (0.75)
Dime size hail was reported.									
Mahoning County									
Canfield	09	1502EST			0	0			Hail (0.75)
Dime size hail was reported.									
Mahoning County									
East Lewistown	09	1502EST			0	0			Hail (0.75)
Dime size hail was reported.									
Ashland County									
Ashland	09	1510EST			0	0			Hail (0.88)
Nickel size hail was reported two miles northeast of Ashland.									

Storm Data and Unusual Weather Phenomena

April 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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OHIO, North

Holmes County

Walnut Creek	09	1515EST			0	0	15K		Hail (1.00)
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Quarter size hail was reported. A few cars were damaged.

Wayne County

Wooster	09	1527EST			0	0	15K		Hail (1.00)
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Quarter size hail was reported on the north side of Wooster. A few cars were damaged.

Wayne County

Wooster	09	1528EST			0	0	15K		Hail (0.88)
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Nickel size hail was reported.

Richland County

Lexington	09	1529EST			0	0	15K		Hail (0.88)
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Nickel size hail was reported one mile northeast of Ashland.

Wayne County

Wooster	09	1530EST			0	0	50K		Hail (1.50)
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Walnut size hail was reported. A few cars were damaged.

Wayne County

Wooster	09	1534EST			0	0	75K		Hail (1.75)
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Golf ball size hail was reported. Many cars were damaged.

Wayne County

Wooster	09	1535EST			0	0	10K		Hail (1.00)
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Quarter size hail was reported five miles east of Wooster. A few cars were damaged.

Wayne County

Apple Creek	09	1537EST			0	0	50K		Hail (2.50)
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Tennis ball size hail was reported one mile north of Apple Creek. Several cars were damaged.

Wayne County

Mt Eaton	09	1546EST			0	0	15K		Hail (1.00)
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Quarter size hail was reported. A few cars were damaged.

Wayne County

Wooster	09	1547EST			0	0	25K		Hail (1.00)
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Quarter size hail was reported two miles southeast of Wooster. A few cars were damaged.

Wayne County

Apple Creek	09	1555EST			0	0	50K		Hail (1.75)
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Golf ball size hail was reported. Several cars were damaged.

Stark County

Navarre	09	1600EST			0	1	15K		Hail (0.75)
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Dime size hail hit a person in the head and caused a laceration.

Wayne County

Apple Creek	09	1600EST			0	0	15K		Hail (0.75)
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Dime size hail was reported.

Knox County

Martinsburg	09	1613EST			0	0	10K		Hail (1.00)
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Quarter size hail was reported four miles west of Martinsburg. A few cars were damaged.

OHZ003-006>013-017>022-027>033-036>038-047

Lucas - Wood - Ottawa - Sandusky - Erie - Lorain - Cuyahoga - Lake - Geauga - Hancock - Seneca - Huron - Medina - Summit - Portage - Wyandot - Crawford - Richland - Ashland - Wayne - Stark - Mahoning - Marion - Morrow - Holmes - Knox

12	0900EST	1600EST			1	0	815K		High Wind
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A strong cold front moved across northern Ohio during the morning and afternoon hours. Damaging winds occurred behind the front and caused considerable damage. A 59 year old male was killed by a falling tree in Rocky River (Cuyahoga County) while working outside. A 16 year female was injured in Canton (Stark County) when she struck by debris from a toppled chimney. Over 100,000 homes and business were without power at some point during the event. Measured wind gusts include 58 mph at Toledo (Lucas County), 59 mph in downtown Cleveland (Cuyahoga County), 63 mph in Garfield Heights (Cuyahoga County), 62 mph in Lorain (Lorain County) and 65 mph at Hartville (Stark County). Hundreds of trees and power poles were knocked down across the area. Commercial shipping traffic on Lake Erie was also interrupted by the strong winds and the Port of Cleveland had to be closed. Buildings were damaged in Summit, Knox, Richland, Ottawa, Lake, Lorain, Cuyahoga, Lucas, Huron and Ottawa Counties. A semi truck was blown over in Ottawa County. M59UT

OHIO, Northwest

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, Southeast</u>									
Athens County									
Albany	09	1300EST			0	0			Hail (0.88)
Vinton County									
Creola	09	1850EST			0	0			Hail (0.75)
Athens County									
1 N Albany	09	1925EST			0	0			Hail (1.00)
Meigs County									
Carpenter	09	1925EST			0	0			Hail (0.75)
Athens County									
2 W Stewart	11	0145EST			0	0	40K		Lightning
Lightning sparked a fire that destroyed a one story residence along New England Road. The residents were not at home that night.									
Athens County									
Northwest Portion	11	1000EST			0	0	35K		Flood
	12	0700EST							
Rains of 1.5 to 2.0 inches fell in less than 24 hours, in the Nelsonville to Trimble area. The rains occurred from the 10th into the 11th. Monday and Sunday Creeks flooded roads, surrounded the most vulnerable dwellings, and forced schools to close. Backwater from the rising Hocking River kept Sunday Creek in the Chauncey vicinity, over roads and around dwellings through Thursday morning the 12th. The Hocking River crested just below flood stage, at 19.5 feet around 2100E on the 12th.									
<u>OHIO, Southwest</u>									
Hardin County									
Kenton	06	0401EST 0405EST			0	0			Hail (0.88)
Hamilton County									
Norwood	06	1715EST 1720EST			0	0			Hail (1.25)
Hamilton County									
Mt Washington	06	1745EST			1	0	50K		Lightning
Lightning caused a house fire which led to the death of one person. F39PH									
Clermont County									
Pt Pleasant	06	1752EST 1755EST			0	0	3K		Thunderstorm Wind (G50)
A few trees were knocked down.									
Adams County									
Seaman	06	1815EST 1819EST			0	0	3K		Thunderstorm Wind (G50)
A few trees were knocked down.									
Scioto County									
West Portsmouth to Portsmouth	06	1900EST 1908EST			0	0	10K		Thunderstorm Wind (G65)
Trees were knocked down in West Portsmouth. Minor damage to buildings occurred and signs were downed in Portsmouth.									
Logan County									
Lewistown	07	2211EST 2215EST			0	0			Hail (0.75)
Franklin County									
Shadeville	08	1600EST 1605EST			0	0	3K		Thunderstorm Wind (G50)
A few trees were knocked down.									
Delaware County									
Galena	09	1615EST 1618EST			0	0			Hail (0.88)
Clark County									
Springfield	09	1620EST 1625EST			0	0			Thunderstorm Wind (G62) ^M
Thunderstorm winds gusted to 72 mph. Three quarter inch diameter hail also occurred.									
Licking County									
Utica	09	1620EST 1622EST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, Southwest</u>									
Madison County									
London	09	1644EST 1647EST			0	0			Hail (0.75)
Darke County									
Arcanum	09	1655EST 1658EST			0	0			Hail (0.75)
Miami County									
Piqua	09	1700EST			1	0			Lightning
Lightning struck a man near a tree at a city park. M35UT									
Pickaway County									
South Bloomfield	09	1730EST 1734EST			0	0			Hail (0.75)
Montgomery County									
Huber Hgts	09	1731EST 1735EST			0	0			Hail (1.00)
Butler County									
Oxford	09	1739EST 1742EST			0	0			Hail (1.75)
Champaign County									
St Paris	09	1743EST 1746EST			0	0			Hail (0.75)
Greene County									
Bellbrook to Xenia	09	1750EST 1803EST			0	0			Hail (1.75)
Miami County									
Piqua	09	1750EST 1754EST			0	0			Hail (1.00)
Auglaize County									
St Marys	09	1805EST 1808EST			0	0			Hail (1.00)
Montgomery County									
Brookville to Dayton	09	1810EST 1813EST			0	0	10K		Thunderstorm Wind (G60)
A thunderstorm produced strong winds which damaged several homes and barns. Trees and power lines were also downed as well as a camper overturned. One inch hail also occurred.									
Clinton County									
Wilmington	09	1815EST 1818EST			0	0			Hail (1.75)
Pickaway County									
Circleville	09	1815EST 1818EST			0	0			Hail (0.75)
Union County									
Marysville	09	1820EST 1823EST			0	0			Hail (0.75)
Clark County									
South Charleston	09	1828EST 1831EST			0	0			Hail (0.75)
Champaign County									
Mechanicsburg	09	1830EST 1833EST			0	0	10K		Thunderstorm Wind (G60)
A thunderstorm produced strong winds which destroyed a barn and ripped the roof off a front porch. One inch hail also occurred.									
Greene County									
Oldtown	09	1834EST 1837EST			0	0			Hail (1.00)
Hocking County									
Logan	09	1842EST 1845EST			0	0	3K		Thunderstorm Wind (G50)
A thunderstorm produced strong winds which knocked down trees in the county.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, Southwest</u>									
Warren County									
Morrow	09	1850EST 1854EST			0	0			Hail (0.75)
Delaware County									
Powell	09	1853EST 1856EST			0	0	3K		Thunderstorm Wind (G50)
A thunderstorm produced strong winds knocking down a few trees and power lines.									
Butler County									
Oxford	09	1854EST 1857EST			0	0			Hail (1.75)
Fayette County									
Washington Court Hou	09	1900EST 1902EST			0	0			Hail (1.50)
Madison County									
London	09	1920EST 1923EST			0	0			Hail (0.75)
Clinton County									
Sabina	09	1932EST 1935EST			0	0			Hail (1.75)
Franklin County									
Grove City	09	1938EST 1941EST			0	0			Hail (0.75)
Ross County									
Frankfort	09	1946EST 1949EST			0	0			Hail (2.00)
Fayette County									
Washington Court Hou	09	1948EST 1951EST			0	0			Hail (1.75)
Fairfield County									
Lancaster	09	2010EST 2013EST			0	0			Hail (0.75)
Greene County									
Fairborn	09	2025EST 2028EST			0	0			Hail (1.00)
Montgomery County									
Huber Hgts	09	2027EST 2030EST			0	0			Hail (0.88)
Hocking County									
Logan	09	2030EST 2033EST			0	0	5K		Thunderstorm Wind (G50)
A thunderstorm produced strong winds which knocked down a few trees.									
Darke County									
Union City to Greenville	09	2034EST 2055EST			0	0			Hail (1.75)
The thunderstorm also knocked down trees and power lines.									
Highland County									
Hillsboro	09	2052EST 2055EST			0	0			Hail (1.75)
Darke County									
Bradford	09	2100EST 2105EST			0	0			Thunderstorm Wind (G60)
Thunderstorm produced wind damage near Bradford.									
Miami County									
Pleasant Hill	09	2109EST 2113EST			0	0			Thunderstorm Wind (G52)
60 mph winds and quarter size hail were reported.									
Fayette County									
Octa	09	2120EST 2123EST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, Southwest</u>									
Greene County									
Yellow Spgs	09	2120EST 2125EST			0	0			Hail (3.00)
Montgomery County									
Huber Hgts	09	2135EST 2138EST			0	0	70M		Hail (1.75)
Golf ball sized hail caused numerous reports of structural damage across the eastern part of the county, especially in Kettering									
Greene County									
Fairborn	09	2142EST 2145EST			0	0			Thunderstorm Wind (G78) ^M
A thunderstorm produced strong winds at Wright-Patterson AFB with a gust to 90 mph. Tennis ball size hail also occurred.									
Clark County									
New Carlisle	09	2150EST 2153EST			0	0			Hail (2.75)
Pickaway County									
Circleville	09	2150EST 2153EST			0	0			Hail (1.75)
Fayette County									
Octa	09	2215EST 2218EST			0	0			Hail (1.75)
Madison County									
London	09	2228EST 2232EST			0	0			Hail (0.75)
Clinton County									
Bloomington	09	2245EST 2249EST			0	0	5K		Thunderstorm Wind (G50)
A thunderstorm produced strong winds which lifted and moved camper.									
Highland County									
Hillsboro	09	2250EST 2253EST			0	0			Hail (1.75)
Ross County									
Chillicothe	09	2325EST 2329EST			0	0	3K		Thunderstorm Wind (G50)
A thunderstorm produced strong winds which knocked down a few trees.									
Pike County									
Waverly	09	2345EST 2349EST			0	0	3K		Thunderstorm Wind (G50)
A thunderstorm produced strong winds which knocked down a few trees.									
Delaware County									
Ostrander	10	1855EST 1858EST			0	0			Hail (0.88)
Montgomery County									
Countywide	11	0500EST 0630EST			0	0	2K		Flood
Roads were reported closed due to high water and basement flooding occurred across the county.									
Preble County									
Countywide	11	0500EST 0630EST			0	0	2K		Flood
Creeks and streams were reported out of their banks across the county.									
Greene County									
Fairborn	11	0530EST 0700EST			0	0	2K		Flood
Roads were reported closed due to high water in Fairborn.									
OHZ074									
Hocking									
	11	1025EST			0	0			Flood
	13	0500EST							
Heavy rainfall caused the Hocking River at Enterprise to overflow its banks. The river crested at 15.3 feet at 845 pm EST on the 11th. Flood stage is 12.0 feet. US Highway 33 and some homes in Rockbridge were flooded.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, Southwest</u>									
OHZ064-073-088			Pickaway - Ross - Scioto						
	12	0200EST			0	0			Flood
	13	0100EST							
	Heavy rainfall caused the Scioto River at both Circleville and Piketon to overflow its banks. At Circleville, the river crested at 14.2 feet causing minor flooding along the river. Flood stage is 14.0 feet. At Piketon, the river crested at an estimated 18.8 feet causing backwater flooding in area creeks. Flood stage is 18.0 feet.								
<u>OKLAHOMA, Eastern</u>									
Ottawa County									
Afton	10	0725CST			0	0	50K		Thunderstorm Wind (G52)
	Thunderstorm winds estimated in excess of 60 mile an hour blew off parts of the roof of the Afton elementary school. The winds also blew the roof off several outbuildings.								
Okfuskee County									
1 S Bearden	11	0425CST			0	0	0.10K		Thunderstorm Wind
	Thunderstorm winds blew down large tree limbs near the Beardon school.								
Okfuskee County									
Bearden	11	0430CST			0	0			Hail (0.75)
Okmulgee County									
Henryetta	11	0440CST			0	0	0.10K		Thunderstorm Wind
	Thunderstorm wind blew down large tree limbs.								
Pittsburg County									
1 SE Canadian	11	0515CST			0	0			Thunderstorm Wind (G52)
Choctaw County									
Soper	11	0530CST			0	0	10K		Thunderstorm Wind
	Thunderstorm winds blew the roofs off of two barns.								
Latimer County									
Gowen	11	0530CST			0	0	1K		Thunderstorm Wind
	Thunderstorm winds damaged a barn.								
Pushmataha County									
9 W Antlers	11	0542CST			0	0			Thunderstorm Wind (G52)
Choctaw County									
Grant	11	0545CST			0	0	1K		Thunderstorm Wind
	Thunderstorm winds damaged a trailer.								
Mcintosh County									
Checotah	11	0558CST			0	0	90K		Thunderstorm Wind
	Thunderstorm winds destroyed three mobile homes.								
Latimer County									
Yanush	11	0600CST			0	0			Hail (0.75)
Muskogee County									
7 W Muskogee	11	0600CST			0	0	20K		Thunderstorm Wind
	Thunderstorm winds blew the roofs off of several buildings.								
Haskell County									
Stigler	11	0615CST			0	0	20K		Thunderstorm Wind
	Thunderstorm winds damaged three houses.								
Mayes County									
Adair	11	0625CST			0	0	3K		Thunderstorm Wind
	Thunderstorm winds blew down trees and power lines.								
Mayes County									
Locust Grove	11	0625CST			0	0	3K		Thunderstorm Wind
	Thunderstorm winds blew down trees and power lines.								
Mayes County									
Salina	11	0625CST			0	0	3K		Thunderstorm Wind
	Thunderstorm winds blew down trees and power lines.								
Wagoner County									
Wagoner	11	0625CST			0	0	3K		Thunderstorm Wind
	Thunderstorm winds blew down trees and numerous power lines.								
Haskell County									
4 N Stigler to 5 SW Tamaha	11	0626CST 0631CST	3	400	0	0	100K		Tornado (F1)

A F1 tornado touched down 4 miles north of Stigler and traveled 3 miles before it lifted 5 miles southwest of Tamaha. A roof of a

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OKLAHOMA, Eastern</u>									
									house and a porch were tore off and six barns were destroyed. In addition numerous trees were damaged and several power lines were blown down. Winds associated with the parent storm of this tornado gusted to 91 miles an hour at the mesonet site 3 miles northwest of Stigler.
Muskogee County									
Webbers Falls	11	0630CST			0	0			Thunderstorm Wind (G52)
Sequoyah County									
Gore	11	0635CST			0	0			Thunderstorm Wind (G52)
Sequoyah County									
2 W Vian to Box	11	0641CST 0644CST			0	0	10K		Thunderstorm Wind
									Thunderstorm winds blew the roof off a barn and downed several trees and power lines from west of Vian to near Box.
Mayes County									
2 S Chouteau	11	0650CST			0	0	15K		Thunderstorm Wind
									Thunderstorm winds destroyed a barn and uprooted around ten trees.
Mayes County									
Locust Grove	11	0655CST			0	0	5K		Thunderstorm Wind
									Thunderstorm winds blew a boat dock loose and also downed numerous trees and power lines.
Le Flore County									
Poteau	11	0707CST			0	0			Thunderstorm Wind (G50)
Craig County									
5 NE Vinita	11	0715CST			0	0	5K		Thunderstorm Wind
									Thunderstorm winds overturned a semi on the Will Rogers turnpike.
Craig County									
4 SE Vinita	11	0715CST			0	0	5K		Thunderstorm Wind
									Thunderstorm winds blew the roof off a barn.
Craig County									
8 SE Vinita	11	0715CST			0	0			Thunderstorm Wind (G61)
									A spotter reported 70 mile an hour winds in Ketchum.
Delaware County									
Bernice	11	0715CST			0	0	0.10K		Thunderstorm Wind (G57)
									A spotter reported 65 mile an hour winds. These winds blew down trees.
Le Flore County									
Cameron	11	0715CST			0	0			Thunderstorm Wind (G52)
Le Flore County									
Pocola	11	0715CST			0	0			Thunderstorm Wind (G52)
Adair County									
2 NNW Watts to 2 N Watts	11	0730CST			0	0	100K		Thunderstorm Wind
									Very strong thunderstorm winds associated with a downburst damaged seven dwellings including 4 mobile homes and three wood framed houses. Another house was damaged as a large tree fell on it. Two barns were completely destroyed and a small shed was overturned. Numerous other trees and power lines were blown down as well.
Adair County									
Westville	11	0730CST			0	0	10K		Thunderstorm Wind
									Thunderstorm winds blew a tree onto a house causing damage to the roof.
Ottawa County									
3 W Miami	11	0730CST			0	0			Thunderstorm Wind (G61)
Le Flore County									
Spiro	11	0750CST			0	0	0.10K		Thunderstorm Wind
									Thunderstorm winds blew down a large tree.
Washington County									
Bartlesville	11	1700CST			0	0	5K		Thunderstorm Wind
									Thunderstorm winds blew out windows in an office building and ripped a piece of tin off the roof of another building.
Mcintosh County									
Checotah	14	1230CST			0	0	10K		Thunderstorm Wind
									Thunderstorm winds blew a roof off an outbuilding and blew out a wall of a barn.
Choctaw County									
2 E Speer	14	1511CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OKLAHOMA, Eastern</u>									
Pushmataha County									
2 W Antlers	14	1848CST			0	0			Hail (0.75)
Choctaw County									
Hugo	14	1900CST			0	0			Hail (0.75)
Osage County									
Shidler	14	2310CST			0	0			Hail (0.88)
Osage County									
8 W Burbank	14	2312CST			0	0			Thunderstorm Wind (G52)
Osage County									
3 N Burbank	14	2313CST			0	0	2.5K		Thunderstorm Wind
									Thunderstorm winds blew down several trees and damaged the roof of a building.
Washington County									
Bartlesville	14	2330CST			0	0	0.50K		Thunderstorm Wind
									Thunderstorm winds blew signs down.
Osage County									
Pawhuska	14	2333CST			0	0			Hail (1.00)
Osage County									
1 N Fairfax	14	2339CST			0	0			Hail (0.88)
Nowata County									
Nowata	14	2347CST			0	0	0.10K		Thunderstorm Wind
									Thunderstorm winds blew down large tree limbs.
Craig County									
7 E Centralia	14	2355CST			0	0			Thunderstorm Wind (G52) ^M
Pawnee County									
Pawnee	14	2356CST			0	0	0.10K		Thunderstorm Wind
									Thunderstorm winds blew down large tree limbs.
Osage County									
Barnsdall	15	0000CST			0	0			Hail (0.75)
Delaware County									
Bernice	15	0005CST			0	0	0.10K		Thunderstorm Wind
									Thunderstorm winds blew a large tree down onto Highway 85A in downtown Bernice.
Delaware County									
2 NW Zena	15	0005CST			0	0	0.10K		Thunderstorm Wind
									Thunderstorm winds blew a large tree down onto a highway.
Ottawa County									
2 NE Miami	15	0005CST			0	0			Thunderstorm Wind (G59) ^M
Ottawa County									
Miami	15	0010CST			0	0	10K		Thunderstorm Wind
									Thunderstorm wind blew the roofs off two buildings. Numerous trees were also uprooted.
Pawnee County									
Hallett	15	0020CST			0	0			Hail (0.75)
Tulsa County									
4 W Collinsville	15	0022CST			0	0			Hail (0.75)
Delaware County									
Jay	15	0030CST			0	0	0.10K		Thunderstorm Wind
									Thunderstorm winds blew down a few trees.
Rogers County									
5 S Oologah	15	0030CST			0	0			Hail (0.75)
Tulsa County									
3 W Owasso	15	0033CST			0	0			Hail (0.75)
Mayes County									
3 N Locust Grove	15	0042CST			0	0			Thunderstorm Wind (G57)
Creek County									
3 E Mannford	15	0043CST			0	0			Hail (0.75)
Tulsa County									
Broken Arrow	15	0109CST			0	0			Hail (1.00)
									Quarter size hail was reported at 81st street and Elm.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OKLAHOMA, Eastern</u>									
Tulsa County									
Broken Arrow	15	0118CST			0	0			Hail (0.75)
	Dime size hail fell at 91st street and Main.								
Tulsa County									
2 S Glenpool	15	0120CST			0	0			Hail (0.75)
Wagoner County									
Coweta	15	0123CST			0	0			Hail (0.75)
Cherokee County									
Tahlequah	15	0130CST			0	0			Thunderstorm Wind (G57)
Okmulgee County									
4 N Beggs	15	0135CST			0	0			Hail (0.75)
Delaware County									
Zena	15	0145CST			0	0			Hail (0.75)
Wagoner County									
Porter	15	0145CST			0	0			Hail (0.75)
Muskogee County									
Muskogee	15	0155CST			0	0			Hail (0.75)
Sequoyah County									
Marble City	15	0230CST			0	0			Thunderstorm Wind (G52)
	60 mile an hour thunderstorm winds blew down large tree limbs.								
Osage County									
Grainola	22	1607CST			0	0	2K		Thunderstorm Wind
	Thunderstorm winds blew shingles off a roof.								
Creek County									
2 N Oilton	22	1650CST			0	0			Hail (0.75)
Creek County									
Oilton	22	1652CST			0	0			Thunderstorm Wind (G52)
Osage County									
Wynona	22	1714CST			0	0			Thunderstorm Wind (G52)
Creek County									
3 E Drumright	22	1755CST			0	0	0.10K		Thunderstorm Wind
	Thunderstorm winds blew a few trees down.								
Osage County									
2 SE Avant	22	1830CST			0	0			Thunderstorm Wind (G52)
Tulsa County									
1 N Skiatook	22	1830CST			0	0			Thunderstorm Wind (G52)
Washington County									
4 SW Ramona	22	1830CST			0	0			Thunderstorm Wind (G52)
Nowata County									
Nowata	22	1900CST			0	0	0.10K		Thunderstorm Wind
	Thunderstorm winds blew down a large tree limb.								
Craig County									
3 SSW Centralia	22	1920CST			0	0	20K		Thunderstorm Wind
	Thunderstorms winds destroyed a barn. When the barn was destroyed two horses were killed.								
Delaware County									
4 NNW Grove	22	2215CST			0	0	3K		Thunderstorm Wind
	Thunderstorm winds blew down power lines.								
Ottawa County									
Fairland	22	2300CST			0	0	5K		Thunderstorm Wind
	Thunderstorm winds blew a tree down onto the corner of a trailer house.								
Adair County									
2 N Watts	23	0002CST			0	0			Thunderstorm Wind (G52)
Delaware County									
West Siloam Spgs	23	0002CST			0	0			Thunderstorm Wind (G52)
Choctaw County									
1 S Boswell	23	0200CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Eastern</u>									
Choctaw County									
7 SE Boswell	23	0210CST			0	0			Thunderstorm Wind (G52)
Pushmataha County									
Rattan	23	0240CST			0	0			Hail (0.75)
Choctaw County									
Hugo	23	1130CST			0	0	3K		Thunderstorm Wind
Thunderstorm winds blew down a tree. The tree fell on power lines causing a power outage.									
<u>OKLAHOMA, Extreme Southeast</u>									
Mccurtain County									
5 NE Bethel	14	1610CST			0	0			Hail (1.75)
Mccurtain County									
1 S Bethel	14	2020CST			0	0			Hail (1.00)
<u>OKLAHOMA, Panhandle</u>									
Texas County									
Hardesty	05	0020CST 0038CST			0	0			Hail (1.50)
Texas County									
Hardesty	05	0038CST			0	0			Hail (1.00)
Severe thunderstorms developed over the central Oklahoma panhandle during the early morning hours producing large hail.									
OKZ001									
Cimarron									
	06	1400CST 2300CST			0	0			High Wind (G40)
Sustained winds were interpolated at Kenton.									
An intensifying surface low pressure system over eastern Colorado resulted in strong gradient winds during the afternoon and evening hours across the western Oklahoma panhandle.									
OKZ001-001									
Cimarron									
	06	1530CST 1640CST			0	0			High Wind (G65) ^M
Non-thunderstorm wind gust reported by the Oklahoma Mesonet site which is located five miles southeast of Kenton.									
Cimarron County									
3 SSE Boise City	06	1545CST			0	0			Thunderstorm Wind (G65) ^M
Cimarron County									
3 SSE Boise City	06	1615CST			0	0			Thunderstorm Wind (G65) ^M
Texas County									
10 W Guymon	06	1620CST			0	0			Hail (1.00)
Texas County									
4 NW Guymon	06	1628CST			0	0			Hail (0.75)
Texas County									
4 NW Guymon	06	1628CST			0	0	35K		Thunderstorm Wind (G65)
A barn roof was reported blown off and a travel trailer was blown around.									
Texas County									
2 E Goodwell	06	1630CST			0	0			Thunderstorm Wind (G61) ^M
Texas County									
1 W Hooker	06	1650CST			0	0			Thunderstorm Wind (G50) ^M
Beaver County									
Turpin	06	1722CST			0	0	28K		Thunderstorm Wind (G61)
Thirty or more power poles were reported blown down.									
Beaver County									
4 W Slapout	06	1749CST			0	0			Thunderstorm Wind (G65)
Report was relayed by the Storm Prediction Center in Norman Oklahoma.									
Beaver County									
8 W Slapout	06	1750CST			0	0			Thunderstorm Wind (G50) ^M
Severe thunderstorms with damaging winds and large hail occurred during the late afternoon and early evening hours across the Oklahoma panhandle.									
Cimarron County									
3 SSE Boise City	10	1940CST			0	0			Thunderstorm Wind (G56) ^M

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property Crops	Character of Storm
<u>OKLAHOMA, Panhandle</u>								
Texas County								
2 E Goodwell	10	2135CST			0	0		Thunderstorm Wind (G51) ^M
Texas County								
Adams	10	2220CST			0	0		Thunderstorm Wind (G52)
Beaver County								
8 S Balko to 9 S Beaver	10	2240CST 2310CST	12	200	0	0	450K	Tornado (F2)
An official storm damage survey was made and the tornado path length and width were estimated. Extensive damage to two homes...several barns...farm equipment...power poles...trees and a windmill.								
Beaver County								
2 S Turpin	10	2240CST			0	0		Hail (1.00)
Beaver County								
5 S Beaver	10	2254CST			0	0		Hail (0.75)
Beaver County								
Turpin	10	2254CST			0	0		Hail (1.00)
Beaver County								
2 S Beaver	10	2255CST			0	0		Hail (1.00)
Beaver County								
8 SE Balko to 2 E Elmwood	10	2300CST 2315CST	6	100	0	0	250K	Tornado (F1)
An official storm damage survey was made and the tornado path length and width were estimated. The tornado destroyed at least two barns...some farm equipment...uprooted large trees and snapped power poles.								
Beaver County								
6 NNW Elmwood to 8 N Elmwood	10	2310CST 2320CST	2	50	0	0	100K	Tornado (F0)
An official storm damage survey was made and the tornado path length and width were estimated. The tornado did minor damage to a barn and a house with several power poles and trees blown down.								
Beaver County								
Elmwood	10	2315CST			0	0	100K	Thunderstorm Wind (G65)
Damage was reported to a house and a shed was blown away.								
Beaver County								
8 W Slapout	10	2320CST			0	0		Thunderstorm Wind (G50) ^M
Beaver County								
6 S Gate	10	2345CST			0	0		Hail (0.75)
Severe thunderstorms with large hail...damaging winds...and tornadoes affected much of the Oklahoma panhandle during the evening hours. A total of one hundred and twenty-two power poles were blown down due to the wind and tornadoes in Beaver county alone.								
OKZ001>003								
Cimarron - Texas - Beaver								
	11	0417CST 1200CST			0	0		High Wind (G53) ^M
A very intense surface low pressure system along the Colorado and Kansas state line moved into western Kansas causing fifty-three knot wind gusts one mile south-southwest of Beaver and fifty knot wind gusts one mile west of Hooker and three miles south-southeast of Boise City.								
OKZ001>003								
Cimarron - Texas - Beaver								
	22	0400CST 1800CST			0	0		High Wind (G50) ^M
The sustained winds at Boise City were interpolated to be thirty-five knots...fifty knot winds were reported by the Goodwell mesonet located two miles east of Goodwell...and sustained winds were thirty-five knots at Slapout.								
A surface low pressure system strengthened rapidly across the southern Rockies into the central Plains states causing the winds to become strong and gusty.								
Beaver County								
7 E Elmwood	30	1955CST			0	0		Hail (1.00)
An isolated severe thunderstorm developed during the early evening hours across the eastern Oklahoma panhandle producing large hail.								
<u>OKLAHOMA, Western, Central and Southeast</u>								
Roger Mills County								
6 SW Cheyenne	06	1755CST			0	0		Thunderstorm Wind (G51) ^M
Wind was measured by Oklahoma mesonet.								

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
OKLAHOMA, Western, Central and Southeast							
OKZ004>006-009>011-015>017-020>023-033>038-044	Harper - Woods - Alfalfa - Ellis - Woodward - Major - Dewey - Custer - Blaine - Payne - Beckham - Washita - Caddo - Harmon - Greer - Kiowa - Jackson - Tillman - Comanche - Cotton						
	06	1800CST 2200CST			0 0	20K	High Wind (G52)
Harper County							
Laverne	06	1808CST			0 0		Hail (0.88)
Harper County							
5 S Laverne	06	1809CST			0 0		Hail (1.00)
Ellis County							
Gage	06	1811CST			0 0		Thunderstorm Wind (G57) ^M
Ellis County							
8 E Arnett	06	1815CST			0 0		Hail (1.50)
Ellis County							
5 E Arnett	06	1815CST			0 0		Thunderstorm Wind (G69)
Ellis County							
8 E Arnett	06	1815CST			0 0		Thunderstorm Wind (G65)
Ellis County							
5 E Arnett	06	1820CST			0 0		Hail (1.00)
Woodward County							
Ft Supply	06	1829CST			0 0	0.10K	Thunderstorm Wind
Eight inch diameter tree limbs were downed.							
Harper County							
9 S Buffalo	06	1830CST			0 0		Thunderstorm Wind (G52)
Woodward County							
6 SE Ft Supply	06	1830CST			0 3	75K	Thunderstorm Wind
A truck and attached trailer were overturned with several people inside injured. Two other trailer homes were blown over.							
Ellis County							
Harmon	06	1833CST			0 0		Hail (1.75)
Dewey County							
Vici	06	1840CST			0 0	4K	Thunderstorm Wind
A sheet metal shed was destroyed. Road signs were downed, and roof shingle damage was sustained to several homes.							
Ellis County							
5 NE Arnett	06	1840CST			0 0		Hail (0.88)
Woodward County							
8 SW Sharon	06	1840CST			0 0	6.5K	Thunderstorm Wind
Thirteen power poles were downed.							
Dewey County							
Vici	06	1845CST			0 0		Thunderstorm Wind (G61)
Woodward County							
3 S Sharon	06	1847CST			0 0		Hail (1.75)
Dewey County							
Vici	06	1850CST			0 0	50K	Thunderstorm Wind
A church steeple was blown off.							
Woodward County							
Ft Supply	06	1850CST			0 0	45K	Thunderstorm Wind
Three mobile homes were destroyed.							
Woodward County							
21 NNE Mooreland	06	1850CST			0 0		Thunderstorm Wind (G53) ^M
Wind was measured by Oklahoma mesonet.							
Woodward County							
1 W Curtis	06	1853CST			0 0	5K	Thunderstorm Wind
Ten power poles were broken 6 feet from the ground.							
Washita County							
Burns Flat	06	1855CST			0 0		Thunderstorm Wind (G54) ^M
Dewey County							
3 N Putnam	06	1900CST			0 0		Thunderstorm Wind (G50) ^M
Wind was measured by Oklahoma mesonet.							

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OKLAHOMA, Western, Central and Southeast</u>									
Dewey County									
4 W Seiling	06	1900CST			0	0	1K		Thunderstorm Wind
									The tops of several trees were blown off.
Major County									
19 N Chester	06	1900CST			0	0			Thunderstorm Wind (G61)
Woodward County									
6 SE Mutual	06	1900CST			0	0			Thunderstorm Wind (G53) ^M
									Wind was measured by Oklahoma mesonet.
Custer County									
5 SW Butler	06	1905CST			0	0			Thunderstorm Wind (G53) ^M
									Wind was measured by Oklahoma mesonet.
Woods County									
Waynoka	06	1905CST			0	0			Thunderstorm Wind (G52)
Dewey County									
3 N Putnam	06	1910CST			0	0			Thunderstorm Wind (G50) ^M
									Wind was measured by Oklahoma mesonet.
Alfalfa County									
Cherokee	06	1920CST			0	0			Thunderstorm Wind (G57)
Woods County									
7 SW Alva	06	1920CST			0	0			Thunderstorm Wind (G53) ^M
									Wind was measured by Oklahoma mesonet.
Alfalfa County									
2 W Burlington	06	1933CST			0	0			Thunderstorm Wind (G61)
Alfalfa County									
1 SW Burlington	06	1934CST			0	0	8K		Thunderstorm Wind
									Eight light poles and numerous cedar trees were downed. A hay barn and pole shed were also destroyed.
Alfalfa County									
Cherokee	06	1940CST			0	0			Thunderstorm Wind (G54) ^M
									Wind was measured by Oklahoma mesonet.
Major County									
6 SW Fairview	06	1940CST			0	0	3K		Thunderstorm Wind
									Power poles were downed.
Blaine County									
Canton	06	1945CST			0	0			Thunderstorm Wind (G61)
Alfalfa County									
Helena	06	2005CST			0	0	2K		Thunderstorm Wind
									A garage was damaged.
Garfield County									
2 E Hillsdale	06	2009CST			0	0	3K		Thunderstorm Wind
									Power poles were downed.
Grant County									
Nash	06	2024CST			0	0			Thunderstorm Wind (G57)
Garfield County									
Enid	06	2040CST			0	0			Thunderstorm Wind (G57)
Grant County									
3 E Renfrow	06	2050CST			0	0			Thunderstorm Wind (G52)
									In addition to hail and wind damage from severe thunderstorms, the intensity of the low pressure system which helped produce the severe weather, also resulted in very strong winds outside of thunderstorms. Before and after the severe weather sustained winds of 35 to 45 mph from the southeast and southwest with gusts to near 60 mph affected most of western Oklahoma and western north Texas. In Payne County in Oklahoma, trees were snapped; power lines were downed, and scattered roof damaged was reported, all in Cushing between 1930 CST and 2030 CST.
Grady County									
5 NW Pocasset	10	1015CST			0	0			Hail (1.00)
Canadian County									
Mustang	10	1035CST			0	0			Hail (1.00)
Oklahoma County									
Oklahoma City	10	1040CST			0	0			Hail (1.75)
									Hail was reported near the intersection of Southwest 8th and Council Road.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OKLAHOMA, Western, Central and Southeast</u>									
Oklahoma County									
Wheatland	10	1045CST			0	0			Hail (0.88)
OKZ005>008-010>048-050>052			Woods - Alfalfa - Grant - Kay - Woodward - Major - Garfield - Noble - Roger Mills - Dewey - Custer - Blaine - Kingfisher - Logan - Payne - Beckham - Washita - Caddo - Canadian - Oklahoma - Lincoln - Grady - McClain - Cleveland - Pottawatomie - Seminole - Hughes - Harmon - Greer - Kiowa - Jackson - Tillman - Comanche - Stephens - Garvin - Murray - Pontotoc - Coal - Cotton - Jefferson - Carter - Johnston - Atoka - Love - Marshall - Bryan						
	10	2100CST			0	0	33K		High Wind (G44) ^M
	11	0500CST							
Carter County									
Lone Grove	10	2130CST			0	0	0.50K		Lightning
			Lightning struck a tree, starting a fire.						
Pottawatomie County									
3 E Macomb	11	0022CST			0	0	0.50K		Thunderstorm Wind
			A tin roof sustained wind damage.						
Garvin County									
5 W Stratford	11	0047CST			0	0	1K		Thunderstorm Wind
			Minor damage was sustained to house siding.						
McClain County									
6 W Byars	11	0050CST			0	0	0.01K		Thunderstorm Wind
			Large tree limbs were downed.						
Pottawatomie County									
4 NW Maud to 1.5 NNW Harjo	11	0200CST 0206CST	5	50	0	0	40K		Tornado (F1)
			This tornado caused structural damage to oil pumping and storage equipment approximately 2 miles southwest of Harjo and structural damage to trailer homes 1 mile west of Harjo. The beginning and ending times of this tornado were listed incorrectly in the original version of storm data. The beginning time should be 0200 CST, while the ending time should be 0206 CST.						
Love County									
5 S Thackerville to 3 ESE Thackerville	11	0258CST 0304CST	5	100	0	0	20K		Tornado (F1)
			This tornado developed in Cooke County Texas at approximately 0257 CST and tracked northeastward for approximately 1 mile before crossing the Red River into Love County in Oklahoma (see National Weather Service Forth Worth, Texas stormdata for more information on the beginning portion of this tornado in Texas). In Oklahoma the most significant damage, rated F1, occurred 3 miles southeast of Thackerville where a barn was destroyed, and a mobile home was severely damaged with debris scattered for 2 miles.						
			Note to all users: This is a greatly simplified version of the tornado path. The tornado actually crossed the state border 6 times, continuing almost due northeastward from the end point listed in this entry. The true end point is 10 miles east-southeast of Marietta, Oklahoma at 0315 CST, resulting in a total path length across Texas and Oklahoma of approximately 18 miles, with most of the damage consisting of only tree damage for the last 10 miles.						
Pontotoc County									
7 S Fittstown	11	0334CST			0	0	1K		Thunderstorm Wind
			Wind damage was sustained to a barn and numerous trees.						
Pontotoc County									
2.5 WSW Jesse to 2 SSE Stonewall	11	0340CST 0349CST	5.5	400	0	0	45K		Tornado (F2)
			This tornado formed 2.5 miles southwest of Jesse in Pontotoc County and tracked northeastward for 15 miles, crossed through northwest Coal County, then re-entered eastern Pontotoc County before dissipating. A mobile home and barn were destroyed, and power poles were downed 1.5 miles west of Jesse. The mobile home was picked up, thrown northward over a fence and completely broken apart with contents spread over a half-mile area. About 1 mile northwest of Jesse, a barn was destroyed; oil storage tanks were overturned and smashed; an oil pumping unit was overturned and torn apart; power poles were downed, and fences were blown over.						
Johnston County									
6 SE Tishomingo to 2 SSE Wapanucka	11	0345CST 0406CST	16	500	0	4	2.5M		Tornado (F2)

Storm Data and Unusual Weather Phenomena

April 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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OKLAHOMA, Western, Central and Southeast



A mobile home was lofted and deposited upside-down about 40 yards from its original location. Two injuries required hospitalization.

This tornado formed over northern portions of Lake Texoma, then tracked northeastward for 16 miles before crossing into western Atoka County. About 5 miles east of Tishomingo in Johnston County, 2 injuries, both requiring hospital care, occurred when a mobile home was lofted and deposited upside-down about 40 yards from its original location. In addition, a frame home 1 mile east of Milburn was severely damaged when the roof was completely removed. Across the remainder of the damage path in Johnston County, 3 additional mobile homes were destroyed, and 21 other structures, including 1 business and 2 churches, sustained damage.

Bryan County

4 W Brown

11	0347CST	0.3	25	0	0	5K	Tornado (F0)
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This small and brief tornado formed about 4 miles west of Brown, close to where State Route 199 crosses Lake Texoma. Numerous trees had their tops sheared off, and others sustained limb damage.

Coal County

**5.5 WNW Tupelo to
5 NNW Tupelo**

11	0349CST 0356CST	4.5	400	0	0	400K	Tornado (F2)
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This tornado formed in Pontotoc County and crossed into Coal County at approximately 0349 CST, then re-entered Pontotoc County at approximately 0356 CST. Nineteen power transmission towers, 3 for major trunk power lines, were downed across this area.

Pontotoc County

**2.5 SW Lula to
2 NNE Lula**

11	0356CST 0403CST	4.5	400	0	0	70K	Tornado (F2)
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This is the 3rd and final segment to the tornado which formed in Pontotoc County at 0340 CST, moved through Coal County, then re-entered Pontotoc County at 0356 CST. Several additional power transmission towers were downed across this area, along with substantial damage to a power substation about 1 mile southwest of Lula.

Atoka County

**7 NW Boggy Depot to
7 NNW Boggy Depot**

11	0406CST 0410CST	3	125	0	0	3K	Tornado (F0)
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This is the 2nd and final county segment to the tornado which formed near northern portions of Lake Texoma in Johnston County at 0345 CST. Across Atoka County, the tornado gradually weakened, affecting mostly trees, as it slowly dissipated.

Atoka County

5 N Stringtown

11	0420CST			0	0	2K	Thunderstorm Wind
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Several barns were damaged.

Hughes County

5 S Calvin

11	0420CST			0	0	12K	Thunderstorm Wind
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A 20 by 30 ft. barn and a smaller barn were destroyed.

Coal County

**4 SE Coalgate to
2.5 ENE Cairo**

11	0425CST 0434CST	8	200	1	1	75K	Tornado (F2)
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This tornado formed 4 miles southeast of Coalgate and tracked northeastward for 8 miles before crossing into northwest Atoka County at 0434 CST (See following entry for information about the Atoka County segment). The tornado then continued for another 5 miles before dissipating at 0440 CST. In Coal County, 1 fatality and injuries to another person occurred when a mobile home was

Storm Data and Unusual Weather Phenomena

April 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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OKLAHOMA, Western, Central and Southeast

thrown approximately 200 yards and disintegrated 4 miles east of Coalgate. In addition, a well-constructed frame home suffered severe roof damage and exterior wall damage in extreme eastern Coal County. M41MH

Atoka County

5.5 SE Wardville to
1.5 NW Wardville

11	0434CST 0440CST	5	100	0	0	6K	Tornado (F0)
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This is the 2nd and final county segment to the tornado which formed 4 miles southeast of Coalgate in Coal County at 0425 CST, then moved into Atoka County at 0434 CST. In Atoka County, minor roof damage was sustained to a mobile home, and numerous trees were damaged.

Six tornadoes across southern Oklahoma and one tornado across western north Texas developed during the overnight hours of the 11th. The most notable tornado formed across Coal County in Oklahoma and resulted in one fatality and one injury as it destroyed a mobile home.

In addition to damage produced by severe thunderstorms, sustained winds of 40 to 50 mph with gusts as high as 73 mph developed just ahead of the most frequent period of severe weather and persisted for several hours. In Tillman County, at 2330 CST on the 10th, a barn roof was damaged 3 miles east of Frederick. A barn roof was blown off, and a fence was downed 4 miles east of Frederick, and a house roof sustained minor damage 4 miles north of Frederick. Trees and power lines were downed in Ponca City in Kay County, while in Garfield County, minor but widespread damage, was sustained to trees, power poles, and numerous other structures.

OKZ004>013-015

Harper - Woods - Alfalfa - Grant - Kay - Ellis - Woodward - Major - Garfield - Noble - Dewey

11	1030CST 1700CST			0	0	146.5K	High Wind (G39) ^M
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Sustained wind of 40 to 45 mph from the southwest and west with gusts near 60 mph developed across northern Oklahoma during the late morning and afternoon as deep low pressure exited the region. In Laverne in Harper County, a roof was blown off an office building at 1245 CST. In Grant County at 1520 CST, signs were blown down, and trees were damaged in Pond Creek, while at 1635 CST, house porches were blown off in Medford. In Ponca City in Kay County, part of a roof was blown off at a junior high school at 1645 CST.

Greer County

6 SW Granite

14	1500CST			0	0	Hail (0.75)
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Kiowa County

4 S Lone Wolf

14	1503CST			0	0	Hail (0.88)
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Kiowa County

4 E Lugert

14	1517CST			0	0	Hail (1.00)
----	---------	--	--	---	---	-------------

Jefferson County

Waurika

14	1525CST			0	0	Hail (1.75)
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Jefferson County

Waurika

14	1528CST			0	0	Hail (0.75)
----	---------	--	--	---	---	-------------

Jefferson County

Ryan

14	1540CST			0	0	Hail (1.00)
----	---------	--	--	---	---	-------------

Kiowa County

4 E Lugert

14	1547CST			0	0	Hail (0.88)
----	---------	--	--	---	---	-------------

Kiowa County

10 ENE Cooperton

14	1600CST			0	0	Hail (0.75)
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Kiowa County

Lugert

14	1616CST			0	0	Hail (1.00)
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Caddo County

Apache

14	1642CST			0	0	Hail (1.00)
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Carter County

Lone Grove

14	1645CST			0	0	Hail (0.88)
----	---------	--	--	---	---	-------------

Carter County

1 W Ardmore

14	1650CST			0	0	Hail (0.75)
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Caddo County

Cyril

14	1710CST			0	0	Hail (0.88)
----	---------	--	--	---	---	-------------

Carter County

Dickson to

2 N Dickson

14	1710CST			0	0	Hail (2.00)
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Carter County

3 SW Dickson

14	1710CST			0	0	Hail (0.75)
----	---------	--	--	---	---	-------------

Carter County

2 W Dickson to

3 W Dickson

14	1710CST			0	0	Hail (0.75)
----	---------	--	--	---	---	-------------

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OKLAHOMA, Western, Central and Southeast</u>									
Johnston County									
6 N Mannsville	14	1715CST			0	0			Hail (0.75)
Johnston County									
2 N Mannsville	14	1720CST			0	0			Hail (2.00)
Marshall County									
1 N Madill	14	1725CST			0	0			Hail (1.75)
Grady County									
Bradley	14	1755CST			0	0			Hail (1.75)
Bryan County									
Caddo	14	1805CST			0	0			Hail (1.75)
McClain County									
Payne	14	1810CST			0	0			Hail (1.00)
Atoka County									
8 ESE Caney	14	1820CST			0	0			Hail (0.88)
Atoka County									
20 E Caney	14	1820CST			0	0			Hail (1.00)
Atoka County									
Lane	14	1820CST			0	0			Hail (0.75)
Kay County									
7 W Newkirk	14	2235CST			0	0			Hail (1.00)
Kay County									
6 NE Ponca City	14	2251CST			0	0			Hail (1.75)
Kay County									
Kaw City	14	2257CST			0	0	100K		Thunderstorm Wind
Several campers and farm equipment were blown over. A boat was blown off a trailer. Part of the pavillion roof at Northern Oklahoma College was blown off. A house and shed sustained minor damage, and numerous trees were downed.									
Kay County									
Kaw City	14	2315CST			0	0	0.01K		Thunderstorm Wind
Large tree limbs were downed.									
Beckham County									
Erick	22	1000CST			0	0			Hail (1.00)
Harmon County									
6 S Madge	22	1013CST			0	0			Hail (0.88)
Harmon County									
6 S Madge	22	1013CST			0	0	0.01K		Thunderstorm Wind
Three inch diameter tree limbs were downed.									
Greer County									
3 N Willow	22	1040CST			0	0			Hail (1.00)
Harmon County									
Mc Queen	22	1050CST			0	0			Thunderstorm Wind (G52)
Greer County									
Mangum	22	1110CST			0	0			Hail (1.00)
Greer County									
Granite	22	1111CST			0	0			Hail (0.75)
Beckham County									
4 S Elk City	22	1112CST			0	0			Thunderstorm Wind (G52)
Jackson County									
Martha	22	1128CST			0	0			Hail (1.75)
Jackson County									
Blair	22	1138CST			0	0			Hail (1.75)
Kiowa County									
4 WSW Roosevelt	22	1140CST			0	0			Thunderstorm Wind (G52)
Washita County									
Sentinel	22	1140CST			0	0			Thunderstorm Wind (G52)
Custer County									
Arapaho	22	1145CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Western, Central and Southeast</u>									
Kiowa County									
7 S Hobart	22	1149CST			0	0			Hail (0.88)
Custer County									
Weatherford	22	1225CST			0	0			Thunderstorm Wind (G52)
Washita County									
3 E Corn	22	1225CST			0	0			Thunderstorm Wind (G52)
Kiowa County									
3 SSE Cooperton	22	1230CST			0	0			Thunderstorm Wind (G52)
Washita County									
4 NNW Colony	22	1235CST			0	0			Hail (0.75)
Caddo County									
4 S Hydro	22	1240CST			0	0			Hail (0.88)
Blaine County									
4 SW Hitchcock	22	1245CST			0	0			Thunderstorm Wind (G52)
Major County									
4 S Ringwood	22	1300CST			0	0			Thunderstorm Wind (G52)
Caddo County									
Boone	22	1315CST			0	0			Thunderstorm Wind (G52)
Canadian County									
9 ESE Calumet	22	1315CST			0	0			Thunderstorm Wind (G52)
Kingfisher County									
2 N Hennessey	22	1350CST			0	0			Thunderstorm Wind (G52)
Cleveland County									
Norman	22	1502CST			0	0			Hail (0.75)
Cleveland County									
Norman	22	1502CST			0	0			Thunderstorm Wind (G52)
McClain County									
Newcastle	22	1503CST			0	0			Thunderstorm Wind (G52)
McClain County									
5 SE Newcastle	22	1505CST			0	0	0.01K		Thunderstorm Wind
									Four to six inch diameter tree limbs were downed.
Cleveland County									
2 W Norman	22	1508CST			0	0			Hail (1.75)
Cleveland County									
Norman	22	1510CST			0	0			Hail (1.00)
Oklahoma County									
Choctaw	22	1515CST			0	0	15K		Thunderstorm Wind
									An awning was blown off a gas station at Southeast 29th and Indian Meridian.
Garvin County									
2 W Lindsay	22	1519CST			0	0			Thunderstorm Wind (G52)
Oklahoma County									
Midwest City	22	1520CST			0	0			Hail (0.75)
Oklahoma County									
4 N Luther	22	1535CST			0	0			Hail (0.75)
Oklahoma County									
4 N Luther	22	1535CST			0	0			Thunderstorm Wind (G61)
Lincoln County									
3 W Tryon	22	1545CST			0	0			Hail (0.75)
Lincoln County									
3 W Tryon	22	1545CST			0	0			Thunderstorm Wind (G52)
Cleveland County									
8 E Noble	22	1605CST			0	0			Thunderstorm Wind (G52)
Pottawatomie County									
Pink	22	1614CST			0	0			Thunderstorm Wind (G52)
Lincoln County									
Agra	22	1630CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 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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OKLAHOMA, Western, Central and Southeast

Payne County

Cushing	22	1642CST			0	0			Thunderstorm Wind (G57)
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Bryan County

Achille	23	0000CST			0	0			Hail (0.75)
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OREGON, Central and East

ORZ046

Blue Mountains

10		0800PST			0	0			Heavy Snow
11		0800PST							

24 inches of snow fell at Tollgate (Elevation 5100 feet) in 24 hours. Lesser amounts fell at lower elevations. At Meacham, 8 inches fell at an elevation of 4000 feet.

ORZ048

Ochoco-John Day Highlands

10		1600PST			0	0	5K		Heavy Snow
11		0500PST							

A late season snow storm brought heavy snow overnight to elevations above 3500 feet in the mountains of Grant County. Austin, at an elevation of 4500 feet, received 8 inches of wet snow that downed several nearby power lines. Prairie City, with an elevation of 3600 feet, received 7 inches.

Deschutes County

7 WNW Brothers	19	1420PST			0	0	0	0	Hail (0.88)
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Wheeler County

20 S Spray	26	1930PST 2043PST			0	0	5K	0	Flash Flood
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A slow moving thunderstorm produced an estimated 1 inch of rain over mountainous terrain in southeastern Wheeler County. Subsequently, a small stream along State Highway - 26 overflowed its banks and washed debris across the road near mile marker 94. A local rancher mentioned that water covered the road to a depth of 1 1/2 feet, leaving debris that accumulated to a depth of 6 inches. The Oregon Dept. of Transportation closed the road for several hours while a road grader cleared the surface.

Umatilla County

7 W Tollgate	27	1430PST			0	0	0	0	Hail (0.75)
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Dime sized hail was reported at an elevation of 4000 feet.

ORZ042

North Central Oregon

30		1230PST 1430PST			0	0	0	0	High Wind (G56) ^M
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A vigorous Pacific cold front generated strong winds in North Central Oregon early in the afternoon. An automated wind sensor located at 2300 feet 4 miles west of Moro measured a wind gust of 65 miles per hour at 1:15 pm PST.

ORZ043

Central Oregon

30		1230PST 1430PST			0	0	10K	0	High Wind (G53) ^M
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Strong winds affected Central Oregon during the early afternoon. An automated wind sensor located 5 miles south of Bend adjacent to State Highway - 97 measured a wind gust of 61 mph at 2pm PST. In addition, the ASOS at the Redmond Airport measured sustained winds of 40 mph just before 1 pm PST. These winds raised dust near Redmond and Bend and toppled several small trees near Bend.

OREGON, Northwest

Benton County

Albany	02	1200PST 1300PST			0	0			Tstm Wind/Hail
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Benton County

Corvallis	02	1800PST			0	0			Tstm Wind/Hail
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Marion County

Jefferson	02	1910PST 1915PST			0	0			Tstm Wind/Hail
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Thunderstorms produced pea-sized hail in the Central Willamette Valley from mid-day until evening. Hail piled up along Interstate 5 from Jefferson to Corvallis, which caused slippery roads. Several accidents were reported, but no serious injuries were reported.

ORZ011

Northern Oregon Cascades

10		0500PST			0	0			Winter Storm
11		1500PST							

A spring storm brought 22 inches of snow to Timberline and Mount Hood Meadows, 20 inches to Bennett Pass, 16 inches to Government Camp and 9 inches to Santiam and Willamette Pass.

Multnomah County

Bonneville	28	1145PST 1215PST			0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 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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OREGON, Northwest

An isolated thunderstorm with strong gusty winds and 3/4 inch hail was reported 5 miles South of Cascade Locks in rural Multnomah County. No injuries were reported. The only damage reported was a few dents in the hood of a car.

OREGON, Southeast

ORZ062

Baker

10 1400PST

0 0 0

Winter Storm

11 1250PST

An unseasonably cold and strong storm system from the north spread snow over Southeast Oregon. Up to a foot of snow fell in the higher elevations along Interstate 84 near Meacham. Four inches fell at Wolf Creek, 5 inches at Unity and 6 inches at Schneider Meadows.

OREGON, Southwest

NONE REPORTED.

PACIFIC

NONE REPORTED.

PENNSYLVANIA, Central

Mckean County

Smethport 09 1234EST

0 0

Hail (0.75)

Mckean County

Lewis Run 09 1234EST

0 0

Hail (1.00)

Cambria County

Barnesboro 09 1556EST

0 0

Thunderstorm Wind (G50)

Trees were down.

Cambria County

Johnstown 09 1620EST

0 0

Thunderstorm Wind (G50)

Trees were blown down.

Blair County

Bellwood 09 1635EST

0 0

Hail (1.00)

Potter County

Coudersport 09 1635EST

0 0

Thunderstorm Wind (G50)

Trees were blown down.

Huntingdon County

Spruce Creek 09 1640EST

0 0

Hail (1.00)

Huntingdon County

Spruce Creek 09 1650EST

0 0

Thunderstorm Wind (G50)

Trees were blown down.

Cambria County

Loretto 09 1656EST

0 0

Thunderstorm Wind (G50)

Trees and wires were blown down.

Centre County

Snydertown 09 1700EST

0 0

Hail (0.75)

Mifflin County

Mc Veytown 09 1715EST

0 0

25K

Thunderstorm Wind

A roof was torn off of a barn.

Perry County

Newport 09 1750EST

0 0

Thunderstorm Wind (G50)

Trees were blown down.

Somerset County

Meyersdale 09 1750EST

0 0

3K

Thunderstorm Wind

Trees were blown down.

Bedford County

Bedford 09 1755EST

0 0

Thunderstorm Wind (G50)

Trees were blown down.

Lycoming County

Calvert 09 1800EST

0 0

Thunderstorm Wind (G50)

Trees were blown down.

Storm Data and Unusual Weather Phenomena

April 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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PENNSYLVANIA, Central

Dauphin County

Halifax	09	1810EST			0	0			Thunderstorm Wind (G50)
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Trees were blown down.

Adams County

East Berlin	09	1810EST			0	0			Thunderstorm Wind (G50)
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Trees were blown down.

Cumberland County

Newville	09	1815EST			0	0	50K		Thunderstorm Wind
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A mobile home was blown 40 feet off its foundation. A roof was also blown off of a house in Penn Township.

Franklin County

Chambersburg	09	1815EST			0	0	10K		Thunderstorm Wind
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A carport was blown down.

Lebanon County

Lebanon	09	1830EST			0	0			Thunderstorm Wind (G50)
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Trees were blown down.

Lancaster County

Lancaster	09	1845EST			0	0	25K		Thunderstorm Wind
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Trees were blown down. A utility pole also fell on a car.

York County

Winterstown	09	1915EST			0	0	150K		Thunderstorm Wind
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Several trailers were damaged by an estimated wind gust of 75 mph. Several structures and automobiles were also damaged in Craley at 1925 EST by the same thunderstorm.

PENNSYLVANIA, East

Monroe County

Skytop	09	1700EST			0	0	0	0	Hail (0.75)
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Berks County

Countywide	09	1835EST 1910EST			0	0			Thunderstorm Wind (G56)
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A line of severe thunderstorms took down trees and power lines in Berks County. The worst damage occurred in Brecknock Township where a barn collapsed and the high winds partially knocked over two poultry houses. All the animals were rescued and unharmed. About 10,000 homes and businesses lost power in the county.

Carbon County

Albrightsville to Palmerton	09	1845EST			0	0		0	Thunderstorm Wind (G52)
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A line of severe thunderstorms knocked down trees across the eastern half of Carbon County. One tree fell on a house in Kidder Township. Another downed tree blocked a road in Towamensing Township. Several other trees and limbs knocked down power lines. Pennsylvania Power and Light reported about 29,000 customers lost power throughout their eastern Pennsylvania service area (including Carbon County). The greatest concentration of outages within the county occurred in the southwest part in Lansford and Mahoning Township.

Monroe County

Long Pond	09	1900EST			0	0		0	Thunderstorm Wind (G52)
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A few trees were knocked down by a severe thunderstorm in Long Pond. Pennsylvania Power and Light reported about 29,000 customers lost power throughout their eastern Pennsylvania service area (including Monroe County).

Montgomery County

Countywide	09	1910EST 1940EST			0	0		0	Thunderstorm Wind (G52)
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A squall line of severe thunderstorms knocked down several trees and numerous power lines throughout Montgomery County. Pennsylvania Power and Light and PECO Energy reported about 27,000 customers lost power in their service area in southeast Pennsylvania.

Bucks County

Trumbauersville to Perkasio	09	1915EST			0	0		0	Thunderstorm Wind (G63) ^M
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A severe thunderstorm produced damaging and near hurricane force wind gusts across northern Bucks County. A SKYWARN Spotter measured a wind gust of 72 mph in Quakertown. The severe thunderstorm caused roof damage in Trumbauersville, Perkasio, Quakertown and Sellersville. Pennsylvania Power and Light and PECO Energy reported about 27,000 customers lost power in their service area in southeast Pennsylvania including Bucks County.

Northampton County

Bangor to Easton	09	1915EST			0	0		0	Thunderstorm Wind (G52)
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Storm Data and Unusual Weather Phenomena

April 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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PENNSYLVANIA, East

A line of severe thunderstorms knocked down numerous trees and wires mainly across eastern Northampton County. Hardest hit were Stockertown, Upper Mount Bethel and Lower Mount Bethel Townships in the northeast part of the county and Easton in the southeast part of the county. One tree also fell onto a house in Lehigh Township. GPU Energy and Pennsylvania Power and Light reported about 39,000 customers lost power in their service areas in eastern Pennsylvania including Northampton County. The severe thunderstorms were triggered by a cold front pushing away an unusually warm air mass for early April. The high temperature at the Lehigh Valley International Airport was 83 degrees, a new record for the date.

Northampton County

Wilson

09	1915EST				0	0	0	Lightning
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Lightning ignited a small fire in a market within a shopping center in Wilson Borough. The fire was quickly extinguished.

Chester County

Countywide

09	1915EST 1940EST				0	0	0	Thunderstorm Wind (G52)
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A line of severe thunderstorms knocked down widely scattered trees and power lines throughout the county. PECO Energy reported about 21,000 customers lost power throughout their southeast Pennsylvania service area including Chester County.

Delaware County

Countywide

09	1940EST 1950EST				0	0	0	Thunderstorm Wind (G52)
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A line of severe thunderstorms pulled down numerous large limbs and power lines across Delaware County. One tree fell onto a house in Upper Darby Township. PECO Energy reported about 21,000 customers lost power in their service area in southeast Pennsylvania including Delaware County.

Bucks County

Woodbourne

09	1945EST				0	0	0	Thunderstorm Wind (G60)
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A severe thunderstorm blew the roof off of the Queen of the Universe School in Middletown Township. The corrugated steel and aluminum roof broke into two pieces. One damaged the principal's vehicle, the other half fell in its neighbor's yard. Much of the school suffered water damage from the ensuing heavy rain. About 15 persons that were in the basement at the time of the severe thunderstorm were uninjured. Elsewhere in southern (lower) Bucks County, the severe thunderstorm knocked down two trees in Bristol Township and caused roof damage in Yardley. Pennsylvania Power and Light and PECO Energy reported about 27,000 customers lost power in their service area in southeast Pennsylvania including Bucks County.

Philadelphia County

Philadelphia

09	1945EST				0	0	0	Thunderstorm Wind (G50)
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A severe thunderstorm pushed vehicles to one side of Interstate 95 near the Girard Avenue exit in Philadelphia. Downed tree limbs caused about 1,300 customers within the city to lose power.

PAZ060

Berks

18	0200EST 0600EST				0	0	0	Snow
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An upper air disturbance generated snow flurries and snow showers across Eastern Pennsylvania during the morning of the 18th. Accumulations, mainly on grassy areas, averaged an inch or less. The exception was over some of the higher terrain in eastern parts of Berks County where heavier snow showers produced locally higher accumulations. Three to five inches of snow accumulated near Frederickville.

Carbon County

1 N Jim Thorpe

28	1100EST 1500EST				0	0	0	Wild/Forest Fire
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Monroe County

Saylorsburg

28	1700EST 1900EST				0	0	0	Wild/Forest Fire
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Unseasonably dry weather, warm temperatures, windy conditions and low relative humidity levels all combined to produce ideal conditions for the spread of brush and wildfires across the Poconos. Two such wildfires occurred on the 28th. In Carbon County, a brush fire burned for several hours on Mount Pisgah just north of Jim Thorpe. In Monroe County, a forest fire burned for two hours near Blue Mountain and the Appalachian Trail in Saylorsburg. No property damage occurred.

PAZ054>055-

060>062-067>071

Carbon - Monroe - Berks - Lehigh - Northampton - Chester - Montgomery - Bucks - Delaware - Philadelphia

30	2359EST				0	0	0	Unseasonably Dry
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April 2001 was unseasonably dry month for Eastern Pennsylvania, especially during the second half of the month when very little rain fell. On a county weighted average, April monthly precipitation totals ranged from 1.5 inches in Philadelphia County to 2.8 inches in Berks County. This was about 50 percent of normal and most of the precipitation fell prior to April 14th. At the Philadelphia International Airport, the monthly precipitation total of 1.47 inches was the ninth driest April on record. No measurable precipitation fell at Philadelphia International Airport from April 25th through May 19th, a string of 25 consecutive days and the longest streak without measurable precipitation during the spring months (March, April, May) on record. In addition to raising the fire danger, the unseasonably dry weather, if it persists, will threaten the growing season.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>PENNSYLVANIA, Northeast</u>									
Bradford County									
Ulster	03	1830EST 2030EST			0	0	25K		Flash Flood
Failure of the earthen Saco Lake Dam caused flash flooding on Hemlock Run Creek.									
PAZ038									
Bradford									
	09	1100EST			0	0			Flood
	14	0500EST							
Rainfall and snowmelt combined to bring the Susquehanna River out of its banks at Sayre in Bradford county. The flooding was minor and confined mostly to rural agricultural lands in the flood plain.									
Bradford County									
Towanda	09	1700EST			0	0			Thunderstorm Wind (G52)
Newspaper reports indicated thunderstorm winds brought down tree limbs and knocked out power. Large hail was also reported.									
Pike County									
Tamiment	09	1700EST			0	0			Thunderstorm Wind (G52)
Trees were reported blown down by thunderstorm winds in Lehman Township.									
Pike County									
Bushkill	09	1710EST			0	0			Hail (0.75)
Spotters reported 3/4 inch hail covering the ground.									
Luzerne County									
East Berwick	09	1850EST			0	0			Thunderstorm Wind (G52)
Trees were reported blown down by thunderstorm winds in Salem Township.									
Luzerne County									
Hazleton	09	1850EST			0	0			Thunderstorm Wind (G52)
Trees were reported blown down by thunderstorm winds.									
<u>PENNSYLVANIA, Northwest</u>									
Crawford County									
Meadville	09	1230EST			0	0			Hail (0.75)
Dime size hail was reported seven miles south of Meadville.									
Crawford County									
Meadville	09	1415EST			0	0			Hail (0.75)
Dime size hail was reported.									
PAZ003									
Crawford									
	09	1415EST 1615EST			0	0			Flood
Heavy thunderstorm rains caused flooding on U.S. Highway 6 at Conneaut Lake.									
Crawford County									
Conneaut Lake	09	1515EST 1630EST			0	0	150K		Flood
Heavy thunderstorm rains caused flooding to the west of Conneaut Lake. One road was washed out by flood waters and several others were flooded by over a foot of water.									
<u>PENNSYLVANIA, West</u>									
Lawrence County									
West Pittsburg	07	0445EST 0630EST			0	0			Flood
Strong thunderstorms producing rainfall amounts of up to 1.5 inches in less than one hour produced minor residential and roadway flooding along McKee Run near West Pittsburg.									
Venango County									
Van	08	0200EST			0	0	2K		Thunderstorm Wind
Thunderstorm winds downed a few large trees in the Van area.									
Washington County									
Mc Murray	08	0210EST			0	0	10K		Thunderstorm Wind
Thunderstorm winds blew a chimney down from a house and also downed a few trees in the McMurray area.									
Venango County									
Oil City	09	1230EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
PENNSYLVANIA, West									
Mercer County									
Sharon	09	1245EST			0	0	5K		Thunderstorm Wind
			Thunderstorm winds downed several trees.						
Forest County									
3 W West Hickory	09	1300EST			0	0			Hail (0.75)
Venango County									
Rockland	09	1315EST			0	0			Hail (1.00)
Lawrence County									
1 NW Hillsville to 1 NE Hillsville	09	1345EST 1350EST	1	50	0	0	5K		Tornado (F0)
			A weak F0 tornado with maximum winds estimated at 60 MPH touched down over extreme western Lawrence County. The tornado was only on the ground for approximately one mile and damage was limited to several sheared-off trees along Graham Road.						
Lawrence County									
Harbor Bridge	09	1355EST			0	0	5K		Thunderstorm Wind
			Thunderstorm winds downed several trees.						
Lawrence County									
Harlansburg	09	1400EST			0	0			Hail (1.00)
Butler County									
Slippery Rock	09	1412EST			0	0			Hail (1.75)
Lawrence County									
Plain Grove	09	1415EST			0	0			Hail (0.88)
			Nickel-sized hail covered the ground 2 inches deep.						
Butler County									
West Sunbury	09	1422EST			0	0			Hail (1.75)
Butler County									
1 NE Prospect to 5 SE Prospect	09	1430EST 1440EST	4	50	0	0	50K		Tornado (F0)
			A weak F0 tornado with maximum winds estimated at 70 MPH touched down over northern Butler County just northeast of the town of Prospect. Shortly after the tornado touched down it blew the roof from a mobile home and shifted the mobile home three feet from its foundation. A garage was also blown down in this area. The intermittent path of the tornado continued for approximately four miles, terminating in the vicinity of North Road, just north of State Route 422. Numerous trees were sheared off along the 50-yard wide path of this tornado.						
Butler County									
Chicora	09	1433EST			0	0			Hail (1.00)
Lawrence County									
Bessemer	09	1458EST			0	0			Hail (1.00)
Beaver County									
Beaver	09	1502EST			0	0			Hail (0.88)
Mercer County									
Mercer	09	1510EST 1515EST			0	0			Hail (0.75)
Butler County									
Zelienople	09	1513EST			0	0			Hail (0.75)
Armstrong County									
3 N Kittanning	09	1515EST			0	0	2K		Thunderstorm Wind
			Thunderstorm winds downed a large tree.						
Beaver County									
2 NE Ohioville	09	1520EST			0	0			Hail (0.88)
Butler County									
Prospect	09	1520EST			0	0	2K		Thunderstorm Wind
			Thunderstorm winds downed a few large trees.						

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>PENNSYLVANIA, West</u>									
Lawrence County									
6 E New Castle	09	1525EST			0	0			Hail (1.00)
Jefferson County									
Brookville	09	1530EST			0	0			Hail (0.75)
Butler County									
Valencia	09	1532EST			0	0			Hail (1.00)
Butler County									
Butler Jct	09	1544EST			0	0	10K		Thunderstorm Wind (G68) ^M
									A thunderstorm wind gust to 78 MPH blew a few windows out of a house and caused minor roof damage.
Indiana County									
Indiana	09	1548EST			0	0	15K		Thunderstorm Wind
									Thunderstorm winds peeled a rubber membrane off the roof of a business in downtown Indiana. Parts of the roofing material fell onto two parked cars, producing minor damage.
Butler County									
Sarver	09	1551EST			0	0			Hail (1.50)
Westmoreland County									
Bagdad	09	1555EST			0	0			Hail (2.00)
Armstrong County									
Freeport	09	1600EST			0	0			Hail (1.75)
Washington County									
4 N Canonsburg	09	1615EST			0	0			Hail (0.75)
Allegheny County									
Carnegie	09	1616EST			0	0			Hail (0.88)
Allegheny County									
Munhall	09	1630EST			0	0	1K		Thunderstorm Wind
									Thunderstorm winds downed a large tree.
Westmoreland County									
Lower Burrell	09	1630EST			0	0			Hail (0.75)
Westmoreland County									
Greensburg	09	1640EST			0	0			Hail (0.75)
Greene County									
Graysville	09	1646EST			0	0			Hail (0.75)
Washington County									
Monongahela	09	1654EST			0	0			Hail (0.75)
Fayette County									
Uniontown	09	1700EST			0	0			Hail (1.00)
Westmoreland County									
Scottdale	09	1707EST			0	0			Hail (0.75)
Washington County									
Cecil	09	1715EST			0	0			Hail (1.00)
Greene County									
5 SW Waynesburg	09	1756EST			0	0			Hail (0.75)
Greene County									
Greensboro	09	1840EST			0	0	5K		Thunderstorm Wind
									Thunderstorm winds downed several trees and power lines.

A strong cold front passing across the area produced the first severe weather outbreak of the spring season. Numerous hail reports were received from across western Pennsylvania, with the hailstones ranging in diameter from dime-sized to as large as golfballs.

Storm Data and Unusual Weather Phenomena

April 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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PUERTO RICO

Ponce And Vicinity

Yauco	06	1230AST 1430AST			0	0			Heavy Rain
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Emergency Managers in Yauco reported a landslide over Rio Prieto sector.

Northeast

Fajardo	12	1100AST 1145AST			3	0			Rip Currents
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A winter storm located over the Central Atlantic Ocean produced high seas across the local northern waters. These seas caused strong rip currents at Fajardo Beach where three people were carried away and drowned while they were snorkeling. M17IW, M18IW, M21IW

RHODE ISLAND

Providence County

Cranston	01 02	0000EST 1437EST			0	0			Flood
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Pawtuxet River

Flooding which began in late March persisted along the Pawtuxet River near Cranston into the first two days of April. Flooding was not as severe as what had occurred in the previous month, and was limited to several roads in low lying areas near the river.

SOUTH CAROLINA, Central

Lancaster County

Van Wyck to Lancaster	01	1058EST 1106EST			0	0	0		Thunderstorm Wind (G50)
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Sheriff reported trees and powerlines down from Hancock to Van Wyck to Lancaster.

Lexington County

4 NW Lexington to Lexington	01	1110EST			0	0	0		Thunderstorm Wind (G50)
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Fire Dept. reported trees and powerlines down.

Richland County

Columbia	01	1131EST			0	0	0		Thunderstorm Wind (G55)
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Police reported trees down on home at 1505 Cabert Ave.

Chesterfield County

Ruby to Chesterfield	01	1136EST 1154EST			0	0	0		Thunderstorm Wind (G55)
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Sheriff reported trees down from Ruby to Chesterfield. Other trees were down from Patrick to Cheraw.

SOUTH CAROLINA, North Coastal

Darlington County

Society Hill	01	1200EST 1205EST			0	0	15K		Thunderstorm Wind (G60)
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General public reported power lines down and part of a mobile home roof blown off, damaging a car.

Horry County

Duford	01	1200EST 1205EST			0	0			Thunderstorm Wind (G60)
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Horry Electric reported numerous trees down across power lines.

Marlboro County

Bennettsville	01	1215EST 1225EST			0	0	5K		Thunderstorm Wind (G70)
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Spotter reported trees down on power lines on Hickory Grove Road. A metal carport was also destroyed. A Bennettsville city administrator reported trees down on East Main Street, Breeden Heights, Crestview Street, and Kinney Circle.

Horry County

Loris	01	1230EST 1235EST			0	0			Thunderstorm Wind (G60)
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Horry Electric reported trees down across power lines.

Marion County

Marion	01	1230EST 1235EST			0	0			Thunderstorm Wind (G55)
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Power lines down.

Dillon County

Lake View	01	1230EST 1235EST			0	0			Thunderstorm Wind (G55)
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Utility company reported power lines and large limbs down.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>SOUTH CAROLINA, North Coastal</u>									
Florence County									
2 S Scranton to Hannah	01	1250EST 1302EST			0	0	2K		Thunderstorm Wind (G55)
									Emergency manager reported two trees down near Lake City with a porche blown off a mobile home. Sheriff reported scattered trees downed along U.S. 378 to Hannah.
Horry County									
Longs	01	1255EST 1300EST			0	0			Thunderstorm Wind (G60)
									Horry Electric reported trees down across power lines.
Florence County									
Timmonsville	01	1338EST			0	0	5K		Thunderstorm Wind (G55)
									General public reported shingles blown off a roof in Timmonsville.
Horry County									
Loris	01	1354EST 1358EST			0	0			Thunderstorm Wind (G52)
									Trained spotter estimated 60 mph winds.
Marlboro County									
Bennettsville	01	1355EST 1400EST			0	0			Thunderstorm Wind (G55)
									Spotter reported large tree down on Grants Mill Road east.
Marion County									
1 W Nichols	01	1400EST 1405EST			0	0			Hail (1.75)
									Public reported golfball size hail.
Georgetown County									
2 N Williams Hill	01	1432EST 1435EST			0	0			Thunderstorm Wind (G60)
									Trees down.
Horry County									
Myrtle Beach	01	1445EST 1450EST			0	0	15K		Thunderstorm Wind (G60)
									The railing of a canopy was blown off at the cinema in Colonial Mall.
SCZ034-046									
		Horry - Georgetown							
	18	0300EST 0800EST			0	0	50K		Extreme Cold
									Unseasonably cold temperatures and gusty wind did damage to 60% of the blueberry crop in the Loris area, as well as damage to the young tobacco crop.
<u>SOUTH CAROLINA, Northwest</u>									
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
	30	2359EST							
									During the month, the rainfall deficit at Greenville Spartanburg Airport reached 40 inches since July 1998. Wells continued to go dry. March rainfall helped bring up some of the lakes and rivers during the first part of April, but by the end of the month, dry conditions had largely returned.
Greenville County									
Greer	01	0913EST			0	0			Hail (0.75)
									Storm spotter reported dime-sized hail in downtown Greer.
Cherokee County									
Gaffney	01	0949EST 1000EST			0	0			Hail (0.75)
									911 center reported dime-sized hail, which fell for over 10 minutes.
Abbeville County									
5 N Due West	01	0950EST			0	0			Thunderstorm Wind (G50)
									Trees were blown down across state highway 185.
Union County									
Buffalo	01	1005EST			0	0			Thunderstorm Wind (G50)
Union County									
Union	01	1005EST			0	0			Thunderstorm Wind (G50)
									Emergency management reported trees down. There were scattered power outages. The newspaper reported that the storms hit at

Storm Data and Unusual Weather Phenomena

April 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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SOUTH CAROLINA, Northwest

separate times, with a short interval.

Greenwood County

Greenwood	01	1010EST			0	0			Thunderstorm Wind (G50)
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Trees were blown down in, and around, the city. At least a few fell on vehicles.

York County

York	01	1035EST			0	0			Thunderstorm Wind (G50)
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911 center reported a couple of trees down.

Chester County

Ft Lawn	01	1045EST			0	0			Thunderstorm Wind (G50)
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911 center reported a couple of trees down.

York County

Rock Hill	01	1045EST			0	0	50K		Thunderstorm Wind (G55)
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A large sign was blown down at Cherry Park. A new roof under construction at a church was blown off. Trees were downed, with at least one falling on a vehicle.

Chester County

Chester to 5 S Chester	01	1045EST			0	0			Hail (0.75)
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Chester County

Chester to 5 S Chester	01	1045EST 1050EST			0	0	15K		Thunderstorm Wind (G50)
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A strong cold front crossed western South Carolina on the 1st, bringing a dramatic clash of air masses, and the first significant severe weather outbreak in nearly six months, to a region that had experienced near-record warmth for the few days leading up to the event. Numerous supercell thunderstorms roamed the area during the height of the event.

SCZ003-006>009-013 Greenville Mountains - Greater Greenville - Spartanburg - Cherokee - York - Union

17	0700EST 1500EST				0	0			Snow Showers
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A strong Arctic high pressure system built over the deep South at mid month, producing not only record cold temperatures for this time of year, but also contributing to records for late season snowfall at some locations as a potent upper level disturbance affected the region later in the day. With a tight pressure gradient in place, winds gusted as high as 55 mph at some foothill and piedmont locations.

SCZ007

Spartanburg	17	0800EST			0	0			High Wind (G55)
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In Spartanburg County, a car was reported to have been blown off the Highway 11 bridge onto Interstate 26.

SOUTH CAROLINA, South Coastal

SCZ040-042>045-047>050 Allendale - Hampton - Northern Colleton - Dorchester - Berkeley - Jasper - Beaufort - Southern Colleton - Charleston

01	0000EST				0	0			Drought
30	2359EST								

Drought conditions covered basically all of south coastal South Carolina during much of the month of April. Most of the area was three to four inches below normal rainfall for the year.

Beaufort County

Bluffton to Hilton Head Is	15	1600EST 1610EST			0	0			Thunderstorm Wind (G50)
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Numerous large limbs and several trees were blown down.

Beaufort County

Hilton Head Is	15	1605EST			0	1			Lightning
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One man was injured when lightning struck a nearby tree and then grounded through the man and his car while he was loading some items in the car.

Beaufort County

Hilton Head Is	15	1610EST			0	0	175K		Lightning
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Lightning caused fire struck a home and did extensive damage.

SOUTH DAKOTA, Central and North

SDZ006-018

Brown - Spink	01	0000CST			0	0			Flood
	30	2359CST							

Flooding on the James River occurred throughout the month of the April in Brown and Spink counties flooding mainly agricultural land along with a few secondary roads.

Codington County

Watertown	06	2055CST			0	0			Hail (0.88)
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Storm Data and Unusual Weather Phenomena

April 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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SOUTH DAKOTA, Central and North

SDZ008-019-021>023 Roberts - Clark - Grant - Hamlin - Deuel

07	0100CST				0	0			Flood
08	0800CST								

Heavy rain of 1 to 3 inches combined with snowmelt runoff brought flooding to parts of northeast South Dakota. Many roads across Clark, Grant, Hamlin, Deuel, and Roberts counties were flooded and damaged. Floodwater moving towards the town of Willow Lake overpowered culverts and flooded several homes and several streets. Highway 28 had to be cut through to allow the water to flow away from the town, averting a disaster. Highwater from the creek west of Corona in far Southern Roberts county flowed towards Corona. As a result, 3 1/2 feet of water coursed through town flooding several homes and streets and knocking out the sewer system. Also, 1000 feet of railroad track was damaged by the floodwaters. The Big Sioux River and Lake Poinsett in Hamlin county also rose and resulted in some agricultural land and road flooding.

SDZ020

Codington

07	0100CST				0	0			Flood
13	0800CST								

Heavy rain of 1 to 3 inches combined with runoff from snowmelt brought flooding throughout Codington county, especially in the Watertown area along the Big Sioux River and at Lake Kampeska. Many roads, especially gravel roads, throughout Codington county were flooded and damaged. The Big Sioux River near Watertown rose to 11.5 feet, 2.5 feet above flood stage, with Lake Kampeska rising to around 4 feet overfull. As a result of the flooding on the Big Sioux River, 300 people in Watertown were evacuated and were not allowed to return until the 22nd. Also, several streets were closed in Watertown due to the flooding. Hundreds of volunteers, inmates, national guardsmen, and city and emergency crews sandbagged along the Big Sioux River and Lake Kampeska to divert any flooding. A bridge on the Big Sioux River buckled due to large pieces of ice slamming into it. As Lake Kampeska rose, nearly 100 homes had to be evacuated along with 3 major businesses. Thirty homes and 2 businesses along the lake were flooded resulting in extensive damage. Lake Pelican also rose to way overfull, flooding several homes and roads.

SDZ003>011- 015>018-033>037- 045-048-051

Corson - Campbell - Mcpherson - Brown - Marshall - Roberts - Walworth - Edmunds - Day - Dewey - Potter - Faulk - Spink - Stanley - Sully - Hughes - Hyde - Hand - Jones - Lyman - Buffalo

22	0200CST				0	0			Winter Storm
23	0800CST								

Heavy snow of 7 to 15 inches fell across much of central and northeast South Dakota from early on the 22nd to early on the 23rd. Some freezing rain also brought heavy icing in Buffalo, eastern Lyman, and far southern Roberts counties resulting in some downed trees and branches along with some downed power lines. This late season snowstorm caused many travel problems along with some accidents. There were many vehicles in the ditch along Interstate-29 in Roberts county. Many schools and events were either cancelled or delayed on the 22nd and 23rd. The heavy snow also caused problems with ranchers and their livestock with some calves lost in the storm. Around 9:30 am on the 23rd in Kennebec, the heavy snow caused the roof of the 40 by 64 foot feed and seed warehouse to collapse. Late season record snowfalls were set at Aberdeen and Pierre. Some snowfall amounts included, 7 inches at Timber Lake and Leola, 8 inches at Eagle Butte, Mobridge and Aberdeen, 9 inches at Kennebec and Pollock, 10 inches at Gettysburg, Selby, Redfield, and Webster, and 11 inches at Onida, Mission Ridge, Hosmer, and Columbia. Locations with snowfall amounts of a foot or more included, 12 inches at Britton, Ree Heights, Highmore, Blunt, Seneca, and Pierre, 13 inches at Murdo, Presho, Miller, and Wilmot, 14 inches at Roy Lake and southwest of Harrold, and 15 inches at Saint Lawrence.

SDZ019>023

Clark - Codington - Grant - Hamlin - Deuel

22	0500CST				0	0			Ice Storm
23	0800CST								

Widespread freezing rain resulted in 1/2 to 1 1/2 inch ice accumulations across a large part of northeast South Dakota. Many trees and branches along with power lines and poles were downed across Clark, Codington, Hamlin, Grant and Deuel counties during the late afternoon and evening of the 22nd and early on the 23rd. Some people were without power for a few days. Many schools and events were either delayed or cancelled on the 22nd and 23rd. As a result of the extremely difficult travel conditions, several accidents occurred. On Interstate-29, many vehicles and semis slid into the ditch as a result of the heavy icing. Around 8 am on the 23rd, there was a fatal car accident, in part do to the icing roads, on State Highway 22 about 6 miles west of Clear Lake.

SOUTH DAKOTA, Southeast

SDZ038-053- 059>060-065-069

Beadle - Sanborn - Davison - Hanson - Hutchinson - Yankton

01	0600CST				0	0			Flood
30	2359CST								

Flooding from spring snowmelt and heavy rains affected the James river and streams that flow into the James. Widespread farmland and other lowland flooding occurred along the James River. Also, some roads were flooded, including state highway 38 east of Mitchell, and state highway 34 near Forestburg. Residences were generally not affected. The James River crested between the 10th and 13th at 6 to 8 feet above flood stage. In addition, Firesteel Creek flooded a golf course and other lowlands near Mitchell, and Marne Creek flooded the Yankton Shopping Plaza and several streets in Yankton. No estimates were available on damage to property or cropland.

Storm Data and Unusual Weather Phenomena

April 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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SOUTH DAKOTA, Southeast

SDZ066-070	Turner - Clay								
	01	0600CST			0	0	200K		Flood
	16	0600CST							

Flooding of the Vermillion River was caused by snowmelt, heavy rain, and ice jams. The ice jams significantly aggravated the flooding in Davis, where several houses were damaged and parkland was flooded. Residents of at least six homes in Davis were evacuated. The floodwaters also washed over almost a half mile of state highway 18 near Davis. Elsewhere along the river, farmland and other lowlands were flooded.

SDZ040-056-062-067-071 **Brookings - Moody - Minnehaha - Lincoln - Union**

	01	0600CST			0	0			Flood
	30	2359CST							

Snowmelt and heavy rain combined to produce flooding along the Big Sioux River in early April, with flooding continuing late in the month due to additional heavy rains. There was considerable flooding of farmland, with the flooded river swelling to as much as a quarter mile wide in Brookings County. Ice jams aggravated the flooding at times early in the month. An ice jam near White caused the river to flood nearby county roads and resulted in damage to some of the roads. An ice jam at Flandreau caused the river to flood the city park. Parkland in Sioux Falls, including part of the Outdoor Campus, was flooded. South of Sioux Falls, the flooding affected mainly farmland and roads. Several bridges across the river from South Dakota to Iowa were closed by the flooding. The damage to farmland was not expected to be great.

Union County									
3 S Elk Pt	06	1652CST			0	0			Hail (0.75)
Miner County									
2 SE Carthage	06	2021CST			0	0			Hail (0.88)
Kingsbury County									
10 SW De Smet	06	2030CST			0	0			Hail (0.75)
Kingsbury County									
Countywide	06	2100CST			0	0			Heavy Rain
	07	1200CST							

Rainfall of 1 to 6 inches caused widespread ponding of water in fields and low areas, with as much as 6 inches of rain in the Bancroft area. Several roads were washed out, and others were flooded.

Union County									
North Sioux City to 6 NE Alcester	07	0120CST			0	0	100K		Thunderstorm Wind (G52)
		0145CST							

Thunderstorm winds caused tree and power line damage, resulting in power outages in parts of the county. The winds also destroyed a silo, blew out the wall of a barn, the roof of a shed, windows on the south side of a house, and damaged road signs and outbuildings.

Lincoln County									
11 E Beresford	07	0130CST			0	0	20K		Thunderstorm Wind (G52)

Thunderstorm winds destroyed two farm buildings and caused tree damage.

Minnehaha County									
5 E Dell Rapids	07	0158CST			0	0	20K		Thunderstorm Wind (G69)

Thunderstorm winds destroyed two farm buildings, killing one calf. The winds also blew down numerous trees.

SDZ070>071									
		Clay - Union							
	07	0330CST			0	0	40K		High Wind (G55)
		0700CST							

High winds caused damage to shingles, road signs, and trees.

Clay County									
Vermillion	20	1937CST			0	0			Hail (1.50)

Union County									
2 SW Spink	20	1945CST			0	0			Hail (1.75)

Union County									
2 SW Spink	20	2025CST			0	0			Hail (0.75)

SDZ066-070									
		Turner - Clay							
	22	0600CST			0	0			Flood
	30	0600CST							

Flooding of the Vermillion River caused by heavy rains affected mainly farmland and other lowlands.

Minnehaha County									
Sioux Falls	22	0940CST			0	0	20K		Lightning

Lightning destroyed a church steeple. The strike scattered many pieces of stone from the steeple over the ground near the church, some pieces as many as 100 feet away. Several vehicles were damaged by the stone pieces.

Storm Data and Unusual Weather Phenomena

April 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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SOUTH DAKOTA, Southeast

Brookings County

Elkton	22	1130CST			0	0	80K		Lightning
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Lightning struck a house, causing a fire which destroyed the house.

Minnehaha County

Sioux Falls	22	1730CST			0	1	5K		Lightning
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Lightning struck a house, injuring a man standing in the wet basement of the house. The lightning also damaged the roof and a wall of the house.

SDZ059

Davison

29	2259CST				0	0	10K		High Wind (G53) ^M
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High winds blew down a large minaret from the Corn Palace in Mitchell, damaging the minaret and the roof.

Union County

North Sioux City	30	1623CST			0	0			Hail (0.75)
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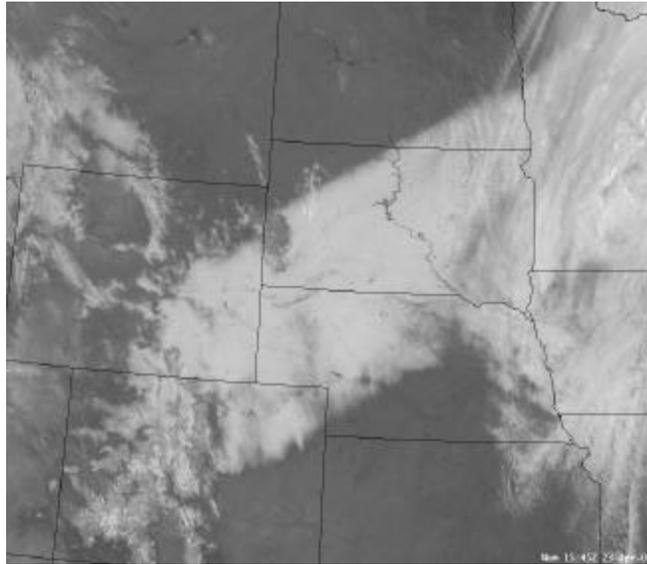
Union County

6 E Spink	30	1635CST			0	0			Hail (0.88)
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SOUTH DAKOTA, West

SDZ013-024>032-041>044-046>047-049 Meade Co. Plains - Northern Black Hills - Northern Foot Hills - Central Foot Hills - Southern Foot Hills - Central Black Hills - Southern Black Hills - Custer Plains - Pennington Plains - Haakon - Fall River Co. - Shannon - Jackson - Bennett - Mellette - Todd - Tripp

22	0000MST				0	0			Winter Storm
23	0430MST								



Visible Satellite image from 1545Z Monday, April 23, 200. Area of snowfall depicted over western South Dakota. Note the sharp, well defined edge of the snow-no snow line.

A closed upper level low over the central Rockies was deepening as a surface low developed over southeastern Colorado. Strong 700mb warm air advection over-ran cold air at the surface. The atmosphere over northeastern Wyoming and western South Dakota was saturated, with additional moisture being advected in. 300mb Jet streaks were producing strong divergence aloft and robust 500mb omega set up along the deformation zone. These features combined to produce heavy snowfall over much of southwestern and southern South Dakota for several hours. The precipitation began as rain in the warm over-running air. This rain quickly changed to snow and accumulated rapidly. The area of snowfall with this system extended in a 300 mile wide path from northern Colorado to eastern South Dakota. The path was defined by sharp edges as seen in satellite images. The heaviest snow fell over the eastern foothills and eastern Black Hills where local upslope effects dramatically affected snowfall amounts. The area of maximum snowfall extended from southern Meade County westward to the central and southern Black Hills where 12 to 22 inches covered the ground. Rapid City, in the eastern foothills, recorded a daily snowfall record of 20 inches. Elsewhere across the plains of southwestern and south-central South Dakota 6 to 12 inches of snow were reported.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TENNESSEE, Central</u>									
Dickson County									
Countywide	15	0430CST			0	0			Thunderstorm Wind (G50)
	Highway dept. reported trees down around the county.								
Humphreys County									
Waverly	15	0430CST			0	0			Thunderstorm Wind (G55)
	Spotter reported 2 trees down.								
Cheatham County									
Kingston Spgs	15	0456CST			0	0			Hail (0.75)
	Local law enforcement reported dime size hail.								
Benton County									
Countywide	15	0520CST			0	0			Thunderstorm Wind (G50)
	Highway dept. reported trees down around the county.								
Humphreys County									
Countywide	15	0525CST			0	0			Thunderstorm Wind (G50)
	Highway dept. reported trees down countywide. The trees were 18 to 24 inches in diameter.								
Davidson County									
Nashville	15	0530CST			0	0			Hail (0.75)
	EMA official reported dime size hail at his home.								
Davidson County									
Nashville	15	0530CST			0	0			Thunderstorm Wind (G60)
	EMA reported a large tree fell on a house located at 4429 Franklin Rd. About 60% of the house was destroyed.								
Hickman County									
Countywide	15	0530CST			0	0			Thunderstorm Wind (G50)
	Highway dept. reported a few trees down.								
Lewis County									
Northeast Portion	15	0600CST			0	0			Thunderstorm Wind (G50)
	Highway dept. reported a few trees down.								
Williamson County									
Countywide	15	0605CST			0	0			Thunderstorm Wind (G50)
	Highway dept. reported a few trees down.								
Davidson County									
Nashville	15	0610CST 0615CST			0	0			Thunderstorm Wind (G65)
	EMA reported numerous trees down and 7 homes damaged mainly in west Nashville and the Antioch area. A tree fell on a mobile home, trees also fell on cars and damaged an apartment building.								
Rutherford County									
La Vergne	15	0615CST			0	0			Thunderstorm Wind (G65)
	Spotter reported siding blown off houses.								
Wilson County									
Gladeville	15	0615CST			0	0			Thunderstorm Wind (G60)
	Strong thunderstorm winds twisted and tangled a set of bleachers at Nashville Superspeedway.								
Rutherford County									
Smyrna Arpt	15	0617CST			0	0			Thunderstorm Wind (G65) ^M
	Wind gust up to 75 mph was recorded at Smyrna airport.								
Rutherford County									
Murfreesboro	15	0620CST			0	0			Thunderstorm Wind (G56) ^M
	Trained spotter reported wind gusts of 60 to 65 mph.								
Maury County									
Spring Hill	15	0622CST			0	0			Thunderstorm Wind (G50)
	Highway department said tree limbs were down.								
Davidson County									
Nashville Metro Arpt	15	0623CST			0	0			Hail (0.75)
	Dime size hail reported at the airport.								
Rutherford County									
Smyrna	15	0630CST			1	0			Lightning
	A 25 year old man was killed after a tree struck by lightning split in two and fell on him. He was going to bring inside his roommate's dog. The dog was killed, also. M25UT								

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TENNESSEE, Central</u>									
Rutherford County									
Murfreesboro	15	0631CST			0	0	500K		Thunderstorm Wind
High winds toppled the steel radio tower for WGNS-AM radio station. The tower was built in 1946 and was 328 feet tall. The tower was Murfreesboro tallest structure. Damage to the tower was estimated between \$250K to \$500K.									
Rutherford County									
8 S Murfreesboro	15	0635CST			0	0			Thunderstorm Wind (G56) ^M
Spotter reported wind gusts up to 65 mph.									
Bedford County									
Northwest Portion	15	0640CST			0	0			Thunderstorm Wind (G50)
Highway department a large tree was down in the northwest part of the county. Also one or 2 trees were down on Hicklory Hill Rd.									
Cannon County									
Auburntown	15	0650CST			0	0			Thunderstorm Wind (G50)
Highway dept. reported a few small trees were down in Auburntown.									
Warren County									
Countywide	15	0655CST			0	0			Thunderstorm Wind (G50)
Highway department reported tree limbs down.									
Dickson County									
South Portion	23	1930CST			0	0			Thunderstorm Wind (G50)
Highway department reported tree limbs down in the southern part of the county.									
Hickman County									
Lyles	23	1930CST			0	0			Thunderstorm Wind (G51)
Highway department reported a tree was blown down.									
<u>TENNESSEE, East</u>									
Meigs County									
6 SW Ten Mile	15	0840EST			0	0		5K	Thunderstorm Wind
Trees down.									
Hamilton County									
2 SW Birchwood	15	0850EST			0	0		7K	Thunderstorm Wind
Trees down on Birchwood Pike.									
<u>TENNESSEE, West</u>									
Fayette County									
La Grange	04	0435CST 0440CST			0	0	0.01K		Hail (0.75)
Hardeman County									
Saulsbery	04	0515CST 0520CST			0	0	0.10K		Hail (1.00)
Gibson County									
Trenton	04	0817CST 0825CST			0	0	0.01K		Hail (0.75)
Gibson County									
Humboldt	04	0829CST 0835CST			0	0	0.01K		Hail (0.75)
Weakley County									
Mt Pelia	15	0425CST 0430CST			0	0	0.10K		Hail (1.00)
Lauderdale County									
4 E Halls to 2 S Halls	15	0430CST 0440CST			0	0	10K		Thunderstorm Wind
Some trees were blown down.									
Shelby County									
Memphis	15	0430CST 0435CST			0	0	10K		Thunderstorm Wind
Several trees and power lines were blown down.									
Henry County									
Paris	15	0445CST 0450CST			0	0	0.01K		Hail (0.75)
Fayette County									
Warren	15	0500CST 0505CST			0	0	1K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TENNESSEE, West</u>									
Three trees were blown down.									
Hardeman County									
Bolivar	15	0600CST 0605CST			0	0	0.01K		Hail (0.75)
Hardin County									
Pickwick Dam	15	0600CST 0605CST			0	0	0.01K		Hail (0.75)
<u>TEXAS, Central</u>									
Sutton County									
25 NE Sonora	10	2145CST			0	0			Hail (1.75)
Runnels County									
Wingate	10	2205CST			0	0			Thunderstorm Wind (G52)
Wind gust estimated at 60 mph.									
Tom Green County									
5 NE San Angelo	10	2215CST			0	0	2K		Thunderstorm Wind
Numerous signs downed by strong thunderstorm winds.									
Sutton County									
10 E Sonora	10	2305CST			0	0			Hail (1.75)
Coleman County									
Valera	10	2315CST			0	0			Hail (1.75)
Menard County									
Menard	11	0005CST			0	0	2K		Thunderstorm Wind
Large tree limbs downed by high winds.									
Runnels County									
Ballinger	11	0020CST			0	0			Hail (1.00)
Runnels County									
Ballinger	11	0020CST			0	0	2K		Thunderstorm Wind
Large tree limbs downed by high winds.									
Mcculloch County									
Rochelle	11	0215CST			0	0	1K		Thunderstorm Wind
Large tree limbs downed during high winds.									
Mcculloch County									
Rochelle	11	0220CST			0	0			Hail (1.75)
Scattered severe thunderstorms produced hail up to golf ball size and winds gusts to 60 mph across the eastern Concho Valley and the Heartland.									
Fisher County									
Hobbs	14	1630CST			0	0			Hail (1.00)
Fisher County									
Roby	14	1640CST			0	0			Hail (0.88)
Jones County									
Hamlin	14	1714CST			0	0			Hail (1.00)
Fisher County									
Rotan	14	1720CST			0	0			Hail (1.00)
Jones County									
Hamlin	14	1745CST			0	0			Hail (1.75)
Jones County									
Stamford	14	1815CST			0	0			Hail (0.75)
Haskell County									
Stamford	14	1826CST			0	0			Hail (1.00)
Haskell County									
Stamford	14	1845CST			0	0			Hail (0.75)
Jones County									
Stamford	14	1845CST			0	0			Hail (0.75)
Scattered thunderstorms developed across the Big Country late in the afternoon on the 14th, producing large hail through the evening hours. Although most of the hail was less than the size of a quarter, golf ball size hail was reported in Hamlin.									
Tom Green County									
3 E Wall	16	1546CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, Central</u>									
Tom Green County									
3 SE Wall	16	1550CST			0	0			Hail (1.00)
Tom Green County									
Wall	16	1559CST			0	0			Hail (1.75)
Tom Green County									
Wall	16	1605CST			0	0			Hail (2.75)
Hail up to the size of baseballs was reported near Wall.									
Irion County									
5 E Barnhart	16	1722CST			0	0			Hail (0.88)
Irion County									
Barnhart	16	2110CST			0	0			Hail (1.00)
Irion County									
Barnhart	16	2154CST			0	0			Hail (1.75)
Irion County									
1 N Barnhart	16	2220CST			0	0			Flash Flood
Heavy rainfall of 2 to 4 inches caused brief flash flooding across western Irion County, forcing the closure of State Highway 163. Several supercells dropped very large hail across sections of the Concho Valley on the afternoon of the 16th. Hail up to baseball size was reported near Wall in eastern Tom Green County, while golf ball size hail was seen near Barnhart in Irion County. In addition to the large hail, rainfall of 2 to 4 inches briefly closed State Highway 163 in western Irion county.									
Coleman County									
Coleman	22	1725CST			0	0			Hail (1.00)
Schleicher County									
Eldorado	22	2104CST			0	0			Hail (0.75)
Brown County									
Brownwood	22	2240CST			0	0			Flash Flood
	23	0040CST							
Heavy rainfall of 3 to 5 inches across the city of Brownwood caused flash flooding. Numerous streets and at least 1 underpass were closed due to high water.									
Menard County									
Menard	22	2340CST			0	0			Hail (0.75)
Kimble County									
Telegraph	22	2355CST			0	0			Hail (1.00)
Kimble County									
Telegraph	23	0012CST			0	0			Hail (1.00)
Several severe thunderstorms produced dime to quarter size hail across the Heartland and Northwest Hill Country during the evening hours of the 22nd. Heavy rainfall also caused of brief flooding in the city of Brownwood as well.									
<u>TEXAS, Central Southeast</u>									
Burleson County									
3 SW Caldwell	15	1930CST			0	0	1K		Hail (0.75)
Burleson County									
10 W Caldwell	15	1940CST			0	0	1K		Hail (0.75)
Chambers County									
Winnie	16	1305CST 1310CST			0	0	15K		Hail (1.00)
Chambers County									
Winnie	16	1320CST			0	0	20K		Hail (1.75)
Chambers County									
Mont Belvieu	16	1345CST			0	0	10K		Hail (0.75)
Harris County									
Houston	16	1405CST 1445CST			0	0	20M		Hail (1.50)
Numerous reports of hail on the west side of Houston. 0.75 inch to 1.5 inch hail along I-10 between Hunters Creek Village and the West Loop. 1 to 1.5 inch hail near South Braeswood and Fondren Road accumulated to several inches deep and was still on the ground 24 hours after the storm. 1.5 inch hail near South Post Oak Road and West Bellfort. 1 inch hail at Westheimer and Hillcroft. 0.8 inch hail near Gessner and Highway 59. Numerous reports of windows broken and trees and shrubs stripped of their leaves.									
Harris County									
Tomball	16	1405CST 1410CST			0	0	20K		Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, North									
Palo Pinto County									
Strawn	11	0012CST			0	0	5K		Thunderstorm Wind (G52)
									Trees and powerlines were blown down by high winds.
Stephens County									
Caddo	11	0040CST			0	0			Thunderstorm Wind (G52)
									Reported by law enforcement.
Palo Pinto County									
1 S Possum Kingdom I	11	0130CST			0	0			Hail (1.75)
									Occurred one mile south of the Possum Kingdom State Park.
Mills County									
Mullin	11	0140CST			0	0			Thunderstorm Wind (G52)
									Reported by the general public.
Cooke County									
1 S Era to 4.5 NE Era	11	0147CST 0155CST	5.5	50	0	0	5K		Tornado (F1)
									The first of three tornadoes touched down 1 mile south of Era, moved northeast and dissipated approximately 4.5 miles northeast of Era. This tornado occurred in a thunderstorm ahead of a line of thunderstorms that produced the other two tornadoes. There was roof damage south of Era and signs and trees limbs blown down northeast of Era.
Cooke County									
8 W Gainesville	11	0200CST			0	0			Thunderstorm Wind (G52)
									Power lines were blown down by high winds.
Montague County									
Sunset	11	0205CST			0	0			Thunderstorm Wind (G52)
									Reported by the general public.
Palo Pinto County									
3 S Mineral Wells	11	0210CST			0	0			Hail (1.75)
Comanche County									
Comanche	11	0223CST			0	0			Hail (1.00)
Wise County									
Alvord	11	0230CST			0	0	2K		Thunderstorm Wind
									Power lines were blown down by high thunderstorm winds.
Cooke County									
6.8 SW Muenster to 3.8 E Muenster	11	0234CST 0246CST	7.8	100	0	0	10K		Tornado (F1)
									The second tornado touched down 6.8 miles southwest of Muenster. It then moved northeast and dissipated 3.8 miles east of Muenster. Tree limbs were blown down southwest of Myra and roofs were damaged in Myra.
Mills County									
Goldthwaite	11	0240CST			0	0			Hail (0.75)
Parker County									
13 S Weatherford	11	0240CST			0	0			Thunderstorm Wind (G52)
									Trees were blown down by high winds in Tree Top.
Erath County									
3 E Dublin	11	0250CST			0	0			Thunderstorm Wind (G52)
									Reported by the general public.
Cooke County									
4 NW Gainesville to 6 NNW Gainesville	11	0255CST 0258CST	2.6	150	0	0	20K		Tornado (F1)
									Tornado number three touched down 4 miles northwest of Gainesville. It then moved into Oklahoma, 6 miles north-northwest of Gainesville (5S Thackerville, OK). A mobile home and a storage shed were heavily damaged northwest of Gainesville.
Cooke County									
6.8 NW Callisburg to 12 N Callisburg	11	0304CST 0315CST	11.4	150	0	0			Tornado (F1)
									Tornado number three moved back into Cooke County approximately 6.8 miles northwest of Callisburg(3 ESE Thackerville,Ok) moved northeast and dissipated on the Texas-Oklahoma state line approximately 12 miles North of Callisburg (10 ESE Marietta, Ok) at 0315C. Damage along this part of the track was confined to trees and power lines. See national weather service Norman, Oklahoma storm data for information on the Oklahoma portion of the damage.
Denton County									
Ponder	11	0313CST			0	0			Thunderstorm Wind (G52)
									Reported by R.A.C.E.S.

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Denton County									
Pilot Pt	11	0320CST			0	0			Thunderstorm Wind (G57)
	Reported by law enforcement.								
Somervell County									
Nemo	11	0320CST			0	0			Thunderstorm Wind (G52)
	Large tree limbs were blown down by high thunderstorm winds.								
Grayson County									
3 W Gordonville	11	0325CST			0	0	1K		Thunderstorm Wind (G52)
	Trees were blown down by high winds.								
Hamilton County									
Hamilton	11	0340CST			0	0			Thunderstorm Wind (G52)
	Trees were blown down by high winds.								
Johnson County									
Burleson	11	0346CST			0	0			Hail (0.75)
Johnson County									
Burleson	11	0346CST			0	0			Thunderstorm Wind (G52)
	Trees were blown down by high winds.								
Bosque County									
3 E Meridian	11	0350CST			0	0			Thunderstorm Wind (G52)
	Trees were blown down by high winds.								
Hill County									
Blum	11	0410CST			0	0	1K		Thunderstorm Wind (G52)
	Trees were blown down by high winds.								
Tarrant County									
Mansfield	11	0415CST			0	0			Thunderstorm Wind (G52)
	Trees were blown down by high winds.								
Dallas County									
Cedar Hill	11	0430CST			0	0			Thunderstorm Wind (G52)
	Large tree limbs were blown down.								
Dallas County									
Duncanville	11	0430CST			0	0			Thunderstorm Wind (G52)
	Large tree limbs were blown down by high winds.								
Hopkins County									
17 N Sulphur Spgs	11	0612CST			0	0	35K		Thunderstorm Wind
	High winds destroyed a bait shop, some outbuildings, damaged a cafe, and a garage 2 miles north of Birthright.								
Hopkins County									
Sulphur Bluff	14	0215CST			0	0	10K		Thunderstorm Wind (G52)
	Large trees and power lines were blown down. A barn was unroofed.								
April 11th, Episode Narrative									
An upper level low pressure system over West Texas helped initiate thunderstorm development which then moved across North Texas overnight. A squall line with a few embedded supercells moved over the region. The primary severe weather events were wind and hail damage. Supercells along the Red River produced tornadoes in Cooke County before moving north of the Red River into Oklahoma. Numerous reports of damage from strong winds were also received across North Texas.									
Palo Pinto County									
Graford	22	1630CST			0	0			Hail (0.75)
Eastland County									
2 SW Carbon to Carbon	22	1725CST 1735CST	50	2	0	0	20K		Tornado (F0)
	A tornado touched down just south of town. It then moved northeast, damaging two homes.								
Eastland County									
Carbon	22	1730CST			0	0			Hail (1.25)
Eastland County									
Carbon	22	1730CST			0	0	15K		Thunderstorm Wind
	A tree was blown onto a roof and a barn was destroyed.								

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TEXAS, North</u>									
Wise County									
Chico	22	1730CST			0	0			Thunderstorm Wind (G52)
			Large tree limbs were blown down.						
Montague County									
Forestburg	22	1745CST			0	0			Hail (1.00)
Cooke County									
1 N Myra	22	1810CST			0	0			Thunderstorm Wind (G61)
			Reported by R.A.C.E.S..						
Palo Pinto County									
4 S Palo Pinto	22	1810CST			0	0			Thunderstorm Wind (G52)
			A large tree was blown down.						
Erath County									
Thurber	22	1815CST			0	0			Hail (1.00)
Cooke County									
Gainesville	22	1825CST			0	0			Hail (1.00)
Eastland County									
Ranger	22	1850CST			0	0	10K		Thunderstorm Wind
			Power lines were blown down and an old brick building was blown down. A large tree was blown onto a business.						
Palo Pinto County									
5 N Gordon	22	2000CST			0	0	10K		Thunderstorm Wind
			Several homes had roof damage from thunderstorm winds.						
Jack County									
Joplin	22	2225CST			0	0			Hail (0.75)
Wise County									
Bridgeport	22	2243CST			0	0			Hail (1.00)
Wise County									
Bridgeport	22	2243CST			0	0			Thunderstorm Wind (G52)
			Large trees were blown down and windows were blown out by high thunderstorm winds.						
Wise County									
Decatur	22	2255CST			0	0			Hail (0.75)
Grayson County									
Southmayd	23	0030CST			0	0			Hail (0.88)

April 22, 2001 - Episode Narrative

Thunderstorms formed generally west of a Sherman, Fort Worth, Glen Rose line. These storms caused some wind damage as they moved over the region. Due to a strong capping inversion, these storms were unable to progress further east across the region.

TEXAS, North Panhandle

Hansford County									
5 NE Spearman	05	0000CST			0	0			Hail (1.00)
			A severe thunderstorm with large hail developed over the north central Texas panhandle during the early morning hours.						
TXZ001-006-011-016 Dallam - Hartley - Oldham - Deaf Smith									
	06	1400CST 2300CST			0	0			High Wind (G47) ^M
			Sustained winds measured at the Dalhart ASOS. Other sustained winds at Hereford and Vega were interpolated to be between thirty-five and forty knots.						
			An intensifying surface low pressure system over eastern Colorado resulted in strong gradient winds over the western Texas panhandle during the afternoon and evening hours.						
Oldham County									
18 WSW Adrian	06	1500CST			0	0	20K		Thunderstorm Wind (G61)
			An eighteen wheeler was reported blown over.						
Hartley County									
(Dht)Dalhart Muni Ar	06	1522CST			0	0			Thunderstorm Wind (G64) ^M
Deaf Smith County									
8 W Hereford	06	1523CST			0	0			Hail (1.75)
Deaf Smith County									
22 NW Hereford	06	1530CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North Panhandle									
Hartley County									
1 W Hartley	06	1541CST			0	0			Hail (1.00)
Sherman County									
Stratford	06	1553CST			0	0			Thunderstorm Wind (G52)
Potter County									
Bushland	06	1557CST			0	0	20K		Thunderstorm Wind (G61)
			An eighteen wheeler was reported blown over.						
Potter County									
Bushland	06	1601CST			0	0			Hail (0.88)
Moore County									
Four Way	06	1602CST			0	0			Thunderstorm Wind (G52)
Moore County									
8 N Dumas	06	1611CST			0	0			Thunderstorm Wind (G56)
Potter County									
7 NW Amarillo	06	1613CST			0	0			Hail (0.75)
Randall County									
2 NW Canyon	06	1613CST			0	0			Thunderstorm Wind (G52) ^M
Moore County									
4 S Dumas	06	1616CST			0	0			Thunderstorm Wind (G65)
Sherman County									
Texhoma	06	1617CST			0	0			Hail (1.00)
Randall County									
5 SW Amarillo	06	1618CST			0	0			Hail (0.75)
Randall County									
1 S Amarillo	06	1620CST			0	0			Thunderstorm Wind (G68) ^M
Randall County									
4 N Canyon	06	1620CST			0	0			Thunderstorm Wind (G52)
Randall County									
Canyon	06	1623CST			0	0			Hail (0.75)
Randall County									
1 E Canyon	06	1623CST			0	0			Hail (0.75)
Potter County									
(Ama)Amarillo Intl A	06	1625CST			0	0	400K		Thunderstorm Wind (G64) ^M
			Wind damage was scattered throughout the city of Amarillo. Roofs were torn off a couple of businesses and fences, signs and large trees were blown down. Some of the damage was attributed to a brief gustnado just northeast of downtown Amarillo.						
Hutchinson County									
8 W Stinnett	06	1627CST			0	0			Thunderstorm Wind (G65)
Carson County									
Panhandle	06	1631CST			0	0			Thunderstorm Wind (G56)
Potter County									
5 E (Ama)Amarillo Int	06	1632CST			0	0			Hail (0.88)
Hansford County									
Gruver	06	1635CST			0	0			Thunderstorm Wind (G61)
Armstrong County									
4 W Claude	06	1640CST			0	0			Hail (1.00)
Hutchinson County									
10 E Borger	06	1640CST			0	0	50K		Thunderstorm Wind (G108)
			Two large metal storage tanks were pulled out of the ground and tossed around and a motor home was overturned...along with two barns being destroyed. One half of a roof was also torn off of a house. Electric poles were snapped and down for two miles.						
Hutchinson County									
Stinnett	06	1640CST			0	0	20K		Thunderstorm Wind (G56)
			Scotts Acres in Stinnett was hit hard as the high winds turned over a mobile home and a roof was damaged.						
Carson County									
Panhandle	06	1645CST			0	0			Hail (0.75)
Carson County									
Panhandle	06	1645CST			0	0			Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

April 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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TEXAS, North Panhandle

Hutchinson County

11 W Stinnett	06	1648CST			0	0	9K		Thunderstorm Wind (G61)
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One mile of power lines were reported blown down.

Hansford County

5 N Spearman	06	1659CST			0	0			Hail (0.75)
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Carson County

White Deer	06	1700CST			0	0			Hail (0.88)
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Carson County

White Deer	06	1700CST			0	0			Thunderstorm Wind (G56)
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Ochiltree County

5 SW Perryton to Perryton Muni Arpt	06	1700CST 1705CST	10	100	0	0	500K		Tornado (F1)
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A tornado touched down southwest of Perryton and then moved northeast clipping the southern sections of the city. The tornado then lifted northeast of the city near the airport. Damage occurred to homes and businesses along the tornado's path. The path length and width were made following an official storm survey taken of the event.

Ochiltree County

Perryton	06	1700CST			0	0	50K		Thunderstorm Wind (G61)
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Several roofs were reported blown off...cattle trucks were turned over...and power lines were blown down.

Potter County

3 W Amarillo	06	1702CST			0	0	15K		Thunderstorm Wind (G61)
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Many signs were reported blown down.

Ochiltree County

3 E Perryton	06	1705CST			0	0	40K		Thunderstorm Wind (G84)
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Two hangers were destroyed at the airport...lots of roofs were damaged...and many power poles were reported down.

Gray County

Pampa	06	1709CST			0	0			Hail (1.00)
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Ochiltree County

Perryton	06	1714CST			0	0			Hail (0.75)
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Ochiltree County

Perryton	06	1714CST			0	0			Thunderstorm Wind (G52)
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Roberts County

Miami	06	1715CST			0	0			Thunderstorm Wind (G52)
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Ochiltree County

Perryton	06	1716CST			0	0			Hail (0.88)
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Donley County

Clarendon	06	1725CST			0	0			Thunderstorm Wind (G52)
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Wheeler County

5 W New Mobeetie	06	1730CST			0	0			Hail (1.75)
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Wheeler County

3 N New Mobeetie	06	1738CST			0	0			Hail (1.00)
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Donley County

Clarendon	06	1740CST			0	0			Thunderstorm Wind (G56)
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Hemphill County

7 S Canadian	06	1740CST			0	0			Hail (2.50)
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Lipscomb County

Lipscomb	06	1744CST			0	0	20K		Thunderstorm Wind (G65)
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A cattle truck was reported blown over.

Wheeler County

10 W Shamrock	06	1746CST			0	0			Hail (1.75)
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TXZ005

Lipscomb	06	1850CST			0	0	40K		High Wind (G61)
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Train cars were reported blown off the tracks by non-thunderstorm winds.

Severe thunderstorms producing large hail and damaging winds developed and spread across most of the Texas panhandle during the afternoon and evening hours. A tornado occurred over the extreme northeastern Texas panhandle near Perryton during the evening hours.

Oldham County

Boys Ranch	10	2025CST			0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, North Panhandle</u>									
Oldham County									
Boys Ranch	10	2027CST			0	0			Hail (1.00)
Moore County									
Masterson	10	2051CST			0	0			Hail (1.00)
Hutchinson County									
5 W Stinnett	10	2113CST			0	0	70K		Thunderstorm Wind (G61)
An eighteen wheeler was blown over on State Highway 152.									
Moore County									
15 E Dumas	10	2115CST			0	0			Hail (0.75)
Carson County									
8 NW Mc Bride to 8 NNW Mc Bride	10	2122CST 2125CST	1	100	0	0	30K		Tornado (F1)
An official storm damage survey was made on the estimated path length and width. Extensive damage occurred to homes...mobile homes...farm equipment and storage buildings in the Carson and Hutchinson county tornado. This tornado touched down in the Antelope Creek area one mile south of State Highway 136...moved north-northeast for about one and a half miles and lifted north of State Highway 136 in Hutchinson county.									
Hutchinson County									
1 SE Fritch to 1 ESE Fritch	10	2125CST 2127CST	0.5	100	0	0	40K		Tornado (F1)
An official storm damage survey was made on the estimated tornado path length and width. The tornado touched down in the Antelope Creek area approximately one mile south of State Highway 136.									
Hutchinson County									
3 E Fritch	10	2130CST			0	0	140K		Thunderstorm Wind (G65)
One trailer home was reported destroyed...one trailer home was missing its roof...another trailer home was damaged...and two wood frame houses had severe damage.									
Hutchinson County									
3 W Stinnett	10	2130CST			0	0			Hail (0.75)
Hutchinson County									
Stinnett	10	2134CST			0	0			Hail (0.75)
Hansford County									
Gruver	10	2141CST			0	0			Thunderstorm Wind (G52)
Hansford County									
5 S Spearman to 1.5 SE Spearman	10	2206CST 2211CST	4	200	0	2	750K		Tornado (F2)
An official storm damage survey was made on the tornado path length and width. The tornado destroyed several grain bins and a grain elevator to Agco facility. Extensive damage also occurred at a local farm...including the home...barns and equipment. Several power poles also were blown down.									
Hansford County									
3 S Spearman	10	2215CST			0	0	90K		Thunderstorm Wind (G69)
High winds did considerable damage to a home...barn...and sheds on a local farm.									
Ochiltree County									
Huntoon to 4 NE Huntoon	10	2220CST 2239CST			0	0	100K		Thunderstorm Wind (G90)
Visible damage was reported across northeastern Ochiltree county with one home and a barn sustaining severe damage. The Highway 15 storage units were totaled by the extremely high winds and a roundtop at the Roy Hughe place was lifted by the damaging winds and moved about twenty feet. Two large overhead doors were blown down at Tom McGee's building on the west end of Highway 15.									
Ochiltree County									
Perryton	10	2233CST			0	0			Hail (0.75)
Hemphill County									
Canadian	10	2253CST			0	0			Hail (1.00)
Lipscomb County									
Booker	10	2256CST			0	0			Hail (0.75)
Wheeler County									
9 W Shamrock	10	2300CST			0	0	70K		Thunderstorm Wind (G56)
An eighteen wheeler was reported blown over and a house lost its roof.									
Wheeler County									
Shamrock	10	2301CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 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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TEXAS, North Panhandle

Wheeler County

5 S Wheeler to 2 SE Wheeler	10	2317CST 2332CST	6	200	0	0	150K	Tornado (F2)
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An official storm damage survey was made of the estimated tornado path length and width. A home and farm equipment were severely damaged. Several large trees and power poles were also knocked down. Several areas of non-tornadic downburst winds were also assessed...primarily in the west and southwest areas of Wheeler county.

Severe thunderstorms producing large hail...damaging winds...and tornadoes occurred across the western Texas panhandle during the early evening hours and then moved east and northeast across the central and eastern Texas panhandle during the late evening hours.

**TXZ002>005-
007>020**

Sherman - Hansford - Ochiltree - Lipscomb - Moore - Hutchinson - Roberts - Hemphill - Oldham - Potter - Carson - Gray - Wheeler - Deaf Smith - Randall - Armstrong - Donley - Collingsworth

11	0417CST 1200CST				0	0		High Wind (G57)
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A very intense surface low pressure system on the Kansas and Colorado state line moved into western Kansas causing fifty-five knot wind gusts at Gruver...fifty-seven knot wind gusts at Booker...fifty knot interpolated wind gusts at Stratford...fifty-two knot estimated wind gusts at Waka...fifty knot wind gusts at Dumas...thirty-five knot interpolated sustained winds at Borger...Adrian...Panhandle...Pampa...Shamrock...Hereford...and Miami...thirty-five knot sustained winds at Amarillo...and thirty-six knot interpolated sustained winds at Canadian...Claude...Clarendon...and Wellington.

Donley County

5 NW Clarendon	21	1655CST			0	0		Hail (1.00)
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Donley County

Howardwick	21	1659CST			0	0		Hail (0.75)
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Donley County

13 S Clarendon	21	1741CST			0	0		Hail (0.75)
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Ochiltree County

15 S Perryton	21	2005CST			0	0		Hail (0.88)
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Randall County

5 E Umbarger	21	2020CST			0	0		Hail (0.88)
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Randall County

3 NW Canyon	21	2028CST			0	0		Hail (1.75)
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Randall County

10 SW Amarillo	21	2034CST			0	0		Hail (0.75)
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Randall County

7.5 SW Amarillo	21	2034CST			0	0		Hail (1.75)
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Potter County

4 SW Amarillo	21	2035CST			0	0		Hail (1.75)
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Potter County

3 SW Amarillo	21	2037CST			0	0		Hail (0.75)
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Potter County

5 SW Amarillo	21	2037CST			0	0		Hail (1.75)
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Potter County

6.5 SW Amarillo	21	2038CST			0	0		Hail (0.75)
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Potter County

4 NW Amarillo	21	2040CST			0	0		Hail (1.75)
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Randall County

5.5 SW Amarillo	21	2040CST			0	0		Hail (0.75)
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Oldham County

Boys Ranch	21	2056CST			0	0		Hail (0.75)
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Hansford County

Morse	21	2112CST			0	0		Hail (0.75)
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Moore County

Masterson	21	2115CST			0	0		Hail (0.75)
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Severe thunderstorms producing large hail moved across the northern...eastern and southern Texas panhandle during the evening hours.

TXZ001>008-

011>013-016>018

Dallam - Sherman - Hansford - Ochiltree - Lipscomb - Hartley - Moore - Hutchinson - Oldham - Potter - Carson - Deaf Smith - Randall - Armstrong

22	0400CST 1800CST				0	0		High Wind (G37) ^M
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Thirty-five knot sustained winds were measured at Dalhart and Borger...thirty-five knot sustained winds were interpolated at

Storm Data and Unusual Weather Phenomena

April 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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TEXAS, Northeast

Panola County

5 NW Carthage 15 1033CST 0 0 Hail (0.75)

TEXAS, South

TXZ248>255

Zapata - Jim Hogg - Brooks - Kenedy - Starr - Hidalgo - Willacy - Cameron

01 0000CST 0 0 Drought
30 0000CST

Some beneficial rains fell across parts of deep south Texas. However, the rains were not widespread enough to replenish subsoil moistures. Therefore, deep south Texas continues in a moderate drought. NWS observations and data received from Cooperative Observers located across the Valley reported year to date departures averaging about 1.25 inches below normal. Following are some departures through the end of April: Mc Allen reported 3.96 inches below, Brownsville reported 1.34 inches below normal, Falcon Dam reported 1.92 inches below normal, and Zapata had 2.14 inches below normal rainfall.

Brooks County

3 W Rachal 23 2130CST 0 0 Thunderstorm Wind (G60)
Thunderstorm winds knocked down power lines.

Hidalgo County

Edcouch 23 2320CST 0 0 Hail (0.75)

TEXAS, South Central

Bandera County

Tarpley 15 1825CST 0 0 0 0 Hail (1.75)
1835CST

Uvalde County

3 W Utopia 15 1845CST 0 0 0 0 Hail (0.75)
1855CST

Uvalde County

5 W Utopia 15 2055CST 0 0 0 0 Hail (1.75)
2105CST

Real County

9 N Leakey 15 2000CST 0 0 80K 0 Hail (1.00)
2010CST
The hail damaged cars and windows in homes.

Real County

9 N Leakey 15 2000CST 0 0 50K 0 Thunderstorm Wind
2010CST
Severe thunderstorm winds blew over trees just north of Leakey.

Lee County

Lexington 16 1550CST 0 0 0 0 Hail (1.00)
1600CST

Lee County

2 NE Lincoln 16 1550CST 0 0 0 0 Hail (1.00)
1600CST

Burnet County

East Portion 17 0245CST 0 0 20K 0 Flash Flood
0400CST

Rainfall of between 2 and 3 inches fell over the eastern part of Burnet County just after midnight, with up to 5 inches in some locations. The worst flash flooding was in the Marble Falls area, where police barricaded roads until just before sunrise.

Bandera County

Vanderpool 23 0222CST 0 0 80K 0 Flash Flood
0230CST

Severe thunderstorm winds tore roofs off buildings, knocked over trees and damaged sheds in and around Vanderpool.

Bexar County

Countywide 23 0730CST 0 0 80K 0 Flash Flood
1700CST

Rainfall over Bexar County averaged 1 to 2 inches, mainly in the southern part of the county. Several locations reported up to 4 inches during the morning period, with as much as 6 inches in the southern part of the county. Flash flooding continued through the mid and late morning and into the afternoon, finally ending in the late afternoon.

Comal County

Countywide 23 0730CST 0 0 40K 0 Flash Flood
1030CST

Widespread flash flooding developed in the morning across most of Comal County as general 2 to 3 inch rainfall fell across the

Storm Data and Unusual Weather Phenomena

April 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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TEXAS, South Central

county in the early morning hours. Maximum rainfall was just over 4 inches. The flash flooding ended just before noon.

Guadalupe County

West Portion	23	0900CST 1100CST			0	0	30K	0	Flash Flood
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Rainfall over Guadalupe County ranged generally from 1 to 2 inches, but up to 4 inches was reported in the extreme western part of the county. Flash flooding took place in the late morning between Marion and Seguin.

Medina County

East Portion	23	1200CST 1500CST			0	0	20K	0	Flash Flood
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Rainfall in the western part of the county varied between 1 and 2 inches, with the eastern part of the county averaging from 2 to 3 inches. The highest amount was in the Castroville area where 5 inches were measured. Flash flooding continued through the early afternoon.

Bexar County

San Antonio	23	1112CST 1120CST			0	0	0	0	Hail (1.25)
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Bexar County

5 SW St Hedwig to 3 S St Hedwig	23	1345CST 1400CST			0	0	0	0	Hail (0.75)
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Wilson County

Sutherland Spgs	23	1350CST 1400CST			0	0	25K	0	Thunderstorm Wind
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Trees were blown down by severe thunderstorm winds.

Wilson County

8 W La Vernia to 5 W La Vernia	23	1400CST 1410CST			0	0	0	0	Hail (0.75)
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TEXAS, South Panhandle

Terry County

Wellman	04	2030CST			0	0			Hail (0.88)
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Hockley County

2 E Smyer	04	2045CST			0	0			Hail (1.00)
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Hockley County

Smyer	04	2045CST			0	0			Hail (0.75)
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Hockley County

Ropesville	04	2110CST			0	0			Hail (0.75)
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Hockley County

Smyer	04	2110CST			0	0			Hail (0.75)
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Terry County

Meadow	04	2110CST			0	0	30K		Hail (1.75)
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Golfball size hail was reported in town by law enforcement officials.

Lubbock County

Reese Afb	04	2113CST			0	0			Hail (0.88)
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Lubbock County

Shallowater	04	2140CST			0	0			Hail (0.75)
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Terry County

3 NE Union	04	2155CST			0	0	10K	20K	Hail (1.75)
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Golfball size hail was reported by law enforcement officials.

Hale County

5 N Hale Center	04	2255CST			0	0			Hail (0.88)
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Hale County

3 SW Plainview	04	2255CST			0	0			Hail (0.75)
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Hale County

5 W Plainview	04	2318CST			0	0	25K	40K	Hail (2.00)
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A storm chaser reported hen egg size hail at the intersection of Farm-to-Market Road 1424 and Farm-to-Market Road 1071.

TXZ021>025-

027>031-033>037-

039>043

Parmer - Castro - Swisher - Briscoe - Hall - Bailey - Lamb - Hale - Floyd - Motley - Cochran - Hockley - Lubbock - Crosby - Dickens - Yoakum - Terry - Lynn - Garza - Kent

	06	1400CST 1900CST			0	0	140K		High Wind (G60) ^M
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The cold front associated with a rapidly deepening low pressure system over the Central Plains moved through West Texas during the

Storm Data and Unusual Weather Phenomena

April 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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TEXAS, South Panhandle

afternoon. Westerly wind behind this front increased to 40 to 50 mph with gusts near 70 mph measured in several locations. Fairly widespread but minor damage resulted from the strong wind including numerous power lines and power poles blown down; signs blown down; several tractor trailers blown over; damage to the siding and roofs of buildings; and trees blown down. Widespread blowing dust resulted in visibilities of less than two miles across the South Plains and extreme southern Texas Panhandle.

The West Texas Mesonet sites near Morton and Levelland measured nonconvective wind gusts to 66 mph while the site at Reese Center measured a 68 mph gust.

Parmer County

Bovina	06	1510CST			0	0	3K	Thunderstorm Wind
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Strong thunderstorm wind blew down power lines and damaged the roof of a barn.

Castro County

5 W Dimmitt	06	1545CST			0	0	4K	Thunderstorm Wind
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Several power poles were blown down by thunderstorm wind.

Castro County

5 SW Dimmitt	06	1545CST			0	0	150K	Thunderstorm Wind
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Several center pivot irrigation systems were destroyed by thunderstorm wind in the western portion of the county.

Castro County

6 W Nazareth	06	1600CST			0	0	10K	Thunderstorm Wind
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Strong wind uprooted trees and blew the roof off of a building.

Castro County

Sunnyside	06	1605CST			0	0	150K	Thunderstorm Wind
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Several center point irrigation systems were destroyed by thunderstorm wind across the southern portion of the county.

Castro County

Nazareth	06	1608CST			0	0	35K	Thunderstorm Wind
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A mobile home was destroyed by thunderstorm wind.

Lamb County

4 NW Sudan	06	1612CST			0	0	2K	Thunderstorm Wind
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Strong thunderstorm wind destroyed a railroad crossing arm and shattered the windows out of a car.

Lamb County

6 S Olton	06	1615CST			0	0		Thunderstorm Wind (G72)^M
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The West Texas Mesonet site near Olton measured an 83 mph thunderstorm wind gust.

Hale County

5 NE Abernathy	06	1635CST			0	0		Thunderstorm Wind (G63)^M
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The West Texas Mesonet site northeast of Abernathy measured a 72 mph thunderstorm wind gust.

Hale County

Halfway	06	1635CST			0	0	40K	Thunderstorm Wind
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A center pivot irrigation system was destroyed by strong thunderstorm wind.

Swisher County

Happy	06	1640CST			0	0	100K	Thunderstorm Wind (G87)
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Strong thunderstorm wind destroyed two trailer homes, partially removed the roof of a church, blew over two tractor trailers, and produced major damage to a building. An NWS survey suggested wind speeds associated with this damage were about 100 mph. A veteran storm chaser suggested that some of this damage may have been the result of a strong gustnado that briefly spun up on the leading edge of the thunderstorm outflow wind.

Lubbock County

(Lbb)Lubbock Intl Ar	06	1642CST			0	0		Thunderstorm Wind (G50)^M
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Hale County

(Pvw)Hale Co Arpt	06	1645CST			0	0		Thunderstorm Wind (G66)^M
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Briscoe County

7 NW Silverton	06	1700CST			0	0		Thunderstorm Wind (G60)
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A storm spotter estimated 70 mph wind near Lake Mackenzie.

Briscoe County

Silverton	06	1710CST			0	0	30K	Thunderstorm Wind
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Strong thunderstorm wind damaged a roof and blew down power lines.

TXZ021>032

Parmer - Castro - Swisher - Briscoe - Hall - Childress - Bailey - Lamb - Hale - Floyd - Motley - Cottle	11	0900CST			0	0	0	High Wind (G52)^M
		1300CST						

A pacific cold front moved through West Texas during the evening hours of the 10th. The associated low pressure system over the Central Plains continued to deepen through the 11th causing the pressure gradient across the area to increase. Deep mixing of the dry air west of the cold front allowed high momentum air above the surface to reach the ground. As a result, sustained wind of 40 to 45

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
<u>TEXAS, South Panhandle</u>									
mph with measured gusts to near 60 mph occurred in the extreme southern Panhandle. Blowing dust reduced the visibility to less than one mile in many locations.									
Hockley County 6 W Levelland	16	1750CST			0	0	15K		Hail (1.50)
Amateur radio SKYWARN spotters reported walnut size hail on Highway 114 west of town.									
Hockley County Levelland	16	1750CST			0	0			Hail (0.75)
Amateur radio SKYWARN spotters reported dime size hail in town.									
Hockley County 5 NW Levelland	16	1750CST			0	0			Hail (1.00)
Hockley County 2 W Levelland	16	1805CST 1820CST			0	0	30K	40K	Hail (1.75)
A storm chaser reported half dollar to golfball size hail on Highway 114.									
Hockley County 3 S Levelland	16	1806CST			0	0			Hail (1.00)
Amateur radio SKYWARN spotters reported quarter size hail south of town on Highway 385.									
Hockley County Levelland	16	1807CST			0	0	100K		Hail (1.75)
Golfball size hail was reported in town.									
Hockley County 1 W Lockettville	16	1825CST			0	0	25K	25K	Hail (1.75)
Golfball size hail was reported by law enforcement officials on Highway 385.									
Terry County 7 W Meadow	16	1825CST			0	0	15K	25K	Hail (1.75)
Golfball size hail was reported by law enforcement officials on Highway 385 north of Needmore.									
Terry County 2 S Meadow	16	1843CST			0	0			Hail (1.00)
Amateur radio SKYWARN spotters reported quarter size hail on Highway 62 south of Meadow.									
Briscoe County Silverton	21	1600CST			0	0			Hail (0.88)
Briscoe County Silverton	21	1625CST			0	0			Hail (0.75)
Floyd County Lockney	21	1640CST			0	0			Hail (0.75)
Lubbock County Lubbock	21	1640CST			0	0			Hail (1.00)
An off-duty NWS meteorologist reported quarter size hail on the southwest side of town.									
Lubbock County Lubbock	21	1644CST			0	0			Hail (1.00)
Quarter size hail was reported on the south side of town.									
Lubbock County (Lbb)Lubbock Intl Ar	21	1658CST			0	0			Hail (1.25)
Lubbock County Lubbock	21	1720CST			0	0			Hail (1.00)
Quarter size hail was reported at Indiana and 101st Street.									
Lubbock County 7 S Wolfforth	21	1724CST			0	0			Hail (1.25)
Amateur radio SKYWARN spotters reported half dollar size hail.									
Hockley County 4 NE Ropesville	21	1730CST			0	0			Hail (0.75)
Amateur radio SKYWARN spotters reported dime size hail on Highway 62.									
Lubbock County Lubbock	21	1730CST			0	0			Hail (1.00)
Quarter size hail was reported on the southwest side of town.									
Lubbock County Lubbock	21	1730CST			0	0	150K		Hail (1.75)
Golfball size hail was reported on the southwest side of Lubbock.									

Storm Data and Unusual Weather Phenomena

April 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, South Panhandle									
Lubbock County									
Lubbock	21	1733CST			0	0			Hail (0.75)
									Dime size hail was reported on the west side of town.
Lubbock County									
Lubbock	21	1733CST			0	0	100K		Hail (2.00)
									An off-duty NWS employee reported hen egg size hail on the west side of town.
Lubbock County									
Lubbock	21	1735CST			0	0			Hail (1.00)
									Quarter size hail was reported on the north side of town.
Terry County									
Wellman	21	1735CST			0	0			Hail (1.00)
Terry County									
Brownfield	21	1736CST			0	0			Hail (1.00)
Lubbock County									
Lubbock	21	1740CST			0	0			Hail (1.00)
									Quarter size hail was reported at Texas Tech University.
Lubbock County									
Lubbock	21	1750CST			0	0			Hail (0.75)
									Dime size hail was reported on the east side of town.
Hall County									
2 S Brice	21	1753CST			0	0			Hail (1.00)
Bailey County									
6 SE Muleshoe	21	1920CST			0	0	25K	30K	Hail (1.75)
									Golfball size hail was reported by law enforcement officials.
Lamb County									
5 NW Sudan	21	1920CST			0	0	25K	30K	Hail (1.75)
									Golfball size hail was reported by law enforcement officials.
Bailey County									
4 E Muleshoe	21	1940CST			0	0	25K	30K	Hail (1.75)
									Golfball size hail was reported by law enforcement officials.
Castro County									
18 SW Dimmitt	21	1942CST			0	0			Hail (0.75)
Castro County									
2 N Sunnyside	21	2020CST			0	0			Hail (1.00)
Castro County									
10 SW Dimmitt	21	2026CST			0	0			Hail (0.75)
Castro County									
7 S Dimmitt	21	2035CST			0	0			Hail (0.75)
Castro County									
Dimmitt	21	2045CST			0	0			Hail (1.00)
Lubbock County									
(Lbb)Lubbock Intl Ar	21	2155CST			0	0			Thunderstorm Wind (G55) ^M
Hale County									
5 NE Abernathy	21	2220CST			0	0			Thunderstorm Wind (G54) ^M
									The West Texas Mesonet site northeast of Abernathy measured a 62 mph wind gust.
TXZ021>025- 027>031-033>037- 039>043									Parmer - Castro - Swisher - Briscoe - Hall - Bailey - Lamb - Hale - Floyd - Motley - Cochran - Hockley - Lubbock - Crosby - Dickens - Yoakum - Terry - Lynn - Garza - Kent
	22	1000CST 1600CST			0	0			High Wind (G51) ^M
									Low pressure rapidly deepened over western Kansas in response to an upper level disturbance moving into the Plains from the Southern Rockies. As a result, the pressure gradient tightened over the Southern Plains. Deep mixing behind the associated cold front allowed high momentum air above the surface to reach the ground. Wind speeds increased to 35 to 45 mph across much of the South Plains and extreme southern Panhandle by late morning and early afternoon. Measured wind gusts were in the 55 to 60 mph range. Widespread blowing dust reduced visibility to less than one mile.
Lynn County									
2 W Grassland	30	1810CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 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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TEXAS, Southeast

NONE REPORTED.

TEXAS, West

TXZ058-075

Reeves County And Upper Trans Pecos - Pecos

10	1645CST 2100CST				1	3	1.5M		High Wind (G62)
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Strong gradient winds behind a cold front produced blowing dust, and visibilities near zero. This caused numerous accidents on area interstates and state highways during the evening hours of 4/10/01. One fatality and three injuries were reported.

A nine vehicle accident occurred at approximately 5:00 pm CST on 4/10/01 in the eastbound lanes of Interstate 20 at mile marker 37.5 (approximately four miles west of Pecos in Reeves county). With zero visibility due to strong winds and blowing dust, the driver of one tractor trailer stopped on the side of the road and was rear-ended by a second tractor trailer. The two tractor trailers became engulfed in fire. There was a chain reaction collision of the remaining seven vehicles. Passerbys were unable to rescue the driver of the second tractor trailer, who expired at the scene. There were two other injuries.

Another multiple vehicle accident occurred at approximately 6:00 pm CST on 4/10/01 in the westbound lanes of Interstate 10 at mile marker 225 (approximately 17 miles east of Balmorhea near the Pecos/Reeves county line). Four tractor trailers were involved in the accident, which resulted in both the westbound and eastbound lanes of Interstate 10 being closed and one person being injured.

Other vehicle collisions occurred across Reeves County in near zero visibilities due to high winds and blowing dust. A truck and a car were involved in a non-injury accident on Interstate 20 at mile marker 38. A school bus and a car also collided on Highway 17, in a non-injury accident between the communities of Balmorhea and Saragosa.

Other effects of the high winds were 27 downed power poles in Pecos and Reeves County, 16 of them along Highway 17 between Saragosa and Verhalen. Over 3000 customers in Toyah, Fort Stockton, and Kermit were without power for part of the evening of April 10 due to damage caused by high winds in excess of 70 mph.

F42VE

Pecos County

6 W Bakersfield

14	1620CST				0	0			Hail (1.00)
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Hail was reported by a DPS trooper on Interstate 10 between mile marker 300 and 305.

Pecos County

Iraan

14	1625CST				0	0			Hail (0.75)
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Glasscock County

5 E Garden City

16	1748CST				0	0			Hail (2.00)
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Glasscock County

5 E Garden City

16	1800CST 2000CST				0	0			Flood
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Flooding was reported on Highway 158 east of Garden City.

Howard County

Big Spring

16	1805CST				0	0			Thunderstorm Wind (G52)
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Tree uprooted

Howard County

7 N Big Spring

16	1813CST				0	0			Hail (0.88)
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Howard County

Big Spring

16	1826CST				0	0			Hail (1.75)
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Howard County

Big Spring

16	1830CST 1845CST				0	0	500K		Hail (2.50)
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A severe thunderstorm moved across the eastern portions of the city of Big Spring, producing golfball to baseball size hail and 40-50 mph winds over approximately a one mile stretch of land. It is estimated that 400 cars sustained hail damage.

Glasscock County

16 NNE Garden City

16	1900CST 2000CST				0	0			Flood
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Glasscock County

16 NNE Garden City

16	1900CST				0	0			Hail (1.75)
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Storm Data and Unusual Weather Phenomena

April 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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TEXAS, West

Howard County

Forsan

16 1900CST

0 0

Hail (0.75)

Severe thunderstorms developed during the evening across eastern portions of the Texas Permian Basin. These thunderstorms developed along and north of a southward advancing cold front. Radar indicated that these severe thunderstorms did have significant mid-level mesocyclones. Because of northwest flow aloft, the general movement was southeast.

TEXAS, Western North

TXZ083>090

Hardeman - Foard - Wilbarger - Wichita - Knox - Baylor - Archer - Clay

10 2100CST

0 0

High Wind (G35) ^M

11 0500CST

Wichita County

5 SW Wichita Falls

10 2344CST

0 0

15K

Thunderstorm Wind

Straight-line winds blew a carport off a house, which then struck a nearby house, causing a portion of the roof to rip off.

Wichita County

4 SSW Wichita Falls to

10 2346CST

4.5

100

0 0

150K

Tornado (F1)

1 E Wichita Falls

2351CST



Tornado damage to a sheet metal building in downtown Wichita Falls.

This tornado developed on the south side of Wichita Falls, a short distance from Lake Wichita. Most of the damage was minor, consisting of downed trees, fences and signs, however near the junction of US Highway 281 and US Highway 287, a machine shop composed of sheet metal sustained significant damage to the walls and frame when the roof was pushed upward, allowing the walls to cave in slightly. Also nearby, about 10 utility poles were snapped near the top with debris falling on fences and other sheet metal buildings. The maximum F-scale rating is F1, however most damage was rated F0.

In addition to the tornado which developed near Wichita Falls, sustained winds of 35 to 45 mph from the southeast with gusts near 60 mph developed across western north Texas during the mid-evening of the 10th and persisted through much of the night.

Wichita County

Wichita Falls

14 1437CST

0 0

Hail (0.88)

Wichita County

Kamay

14 1440CST

0 0

Hail (0.88)

Knox County

Knox City

14 1825CST

0 0

Hail (1.00)

Hardeman County

6 E Quanah

22 1050CST

0 0

Hail (0.75)

Hardeman County

5 W Quanah

22 1058CST

0 0

Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 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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UTAH, East

UTZ025-027>028	Tavaputs Plateau - Grand Flat And Arches - La Sal & Abajo Mountains	20 0738MST 0815MST			0	0	10K		High Wind (G50) ^M
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A fast moving cold front brought strong and gusty winds to most of eastern Utah. Peak wind gusts of 58 mph were reported in the vicinity of Moab and near Monticello in eastern Utah. The winds also knocked over several telephone poles near Moab, resulting in a loss of electricity for numerous residents and businesses.

UTAH, West and Central

UTZ008	Wasatch Mountains South Of I80	02 1200MST 1800MST			0	0	0	0	Heavy Snow
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A storm system brought a quick burst of snow to the higher elevations of the Central Wasatch Range. Solitude picked up 11 inches of snow and Alta received 10 inches.

Washington County									
St George Muni Arpt		05 1415MST			0	0	0	0	Thunderstorm Wind (G63) ^M

A severe thunderstorm produced a 72mph (63kts) wind gust at the St. George Airport.

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	07 1000MST 09 1600MST			1	10	100K	0	Heavy Snow
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A cold and moist storm system brought heavy snow to much of Northern Utah, with several feet falling over a 2-day period at many resorts, and over a foot along some bench areas. One person was killed and several were injured in a chain reaction pile-up during the storm on I-15. Some storm totals included 44 inches at Solitude and Alta, 39 inches at Snowbird, 30 inches at Park City Summit, and 22 inches at Snowbasin. In the lower elevations, the Bountiful Bench received 16 inches of snow, with 11 inches in Centerville, 10 inches in East Layton and Fruit Heights, and 8 inches in South Ogden and Morgan.

M21OU

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	12 0500MST 1300MST			0	0	0	0	Heavy Snow
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A storm moved into the Wasatch Front during the morning commute, dropping 12-18 quick inches in the mountains and 4-12 inches in the valleys and benches.

UTZ006	Wasatch Mountain Valleys/Huntsville/Park City/Heber	28 1400MST			2	0	0	0	Avalanche
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Warm weather triggered a large "glide" avalanche in Stairs Gulch on Storm Mountain above Big Cottonwood Canyon, killing 2 hikers. The enormous slide was 1,000 feet wide and 10 feet deep. The slide funneled 2,000 vertical feet down into the narrow gulch.

M38OU, M39OU

Cache County									
Trenton to Smithfield		28 1930MST 1940MST			0	0	100K	5K	Dry Microburst

Microburst wind gusts estimated at around 80mph (70kts) hit the Trenton and Smithfield areas during the evening hours. These winds ripped the metal roof off of an 88-foot hay barn and carried it for a block. Several trees were also blown over and power lines were blown down.

VERMONT, North and Central

VTZ002	Franklin	12 0600EST 2100EST			0	0	5K		Flood
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Snow melt along with an ice jam near East Highgate, Vermont resulted in water from the Missisquoi River partially covering portions of Route 78 along with low land flooding.

VTZ011	Rutland	13 1615EST 15 0900EST			0	0	5K		Flood
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A combination of snowmelt, rainfall and local ice jams resulted in the Otter Creek exceeding it's flood stage. High water in and around the towns of Brandon and Pittsford resulted in the closure of a few local roads. The river gage in Center Rutland exceeded it's

Storm Data and Unusual Weather Phenomena

April 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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VERMONT, North and Central

flood stage during this time period.

Orleans County

Countywide

22	1200EST								
23	0900EST				0	0	10K		Flood

Mild weather accompanied by snow melt and periods of light rain resulted in flooding of low lying areas and some local roads. In particular, the Missisquoi River overflowed its banks onto local roads, especially in the North Troy area with the river gage exceeding 10 feet at times. The Black River also flooded low lying areas especially in Coventry.

VTZ011

Rutland

22	1545EST								
25	2300EST				0	0	1K		Flood

The river gage at Center Rutland exceeded flood stage during this period. From Monday into early Wednesday, the river gage value exceeded 10 feet (flood stage is 8 feet). Low lying areas were flooded with water on a few of the local roads.

Washington County

Countywide

22	1755EST								
23	0100EST				0	0	10K		Flood

Mild weather accompanied by snow melt and periods of light rain resulted in flooding of low lying areas with water across a few local roads. A spotter reported the Mad River in and out of its banks shortly before 7 PM EDT (6 PM EST) along Route 100 from Waitsfield to Moretown with a few local roads closed in Waitsfield. In the Moretown area, the river gage exceeded the flood stage of 9 feet.

VTZ001>002-005-009-011

Grand Isle - Franklin - Chittenden - Addison - Rutland

23	0500EST								
30	2359EST				0	0	21K		Flood

Snow melt and associated runoff due to the spring melt resulted in flooding along the shores of Lake Champlain. Lake levels reached the 100.99 foot level (flood stage is 100 feet). Lakeshore flooding continued into the month of May.

VTZ005

Chittenden

23	0545EST								
	1600EST				0	0	1K		Flood

Portions of the Winooski River exceeded its banks. The river gage at Essex Junction, Vermont exceeded flood stage during this period of time.

Chittenden County

Countywide

23	0600EST								
	1100EST				0	0	5K		Flood

Mild weather accompanied by snow melt and periods of light rain resulted in flooding of low lying areas, fields and a few local roads. The Essex Junction river gage on the Winooski River exceeded flood stage. Low land and field flooding was reported from Richmond and Jonesville to Essex. The North Williston Road was closed for a period of time.

VTZ004-007

Essex - Caledonia

24	2200EST								
25	1000EST				0	0	2K		Flood

Field flooding with water reported on Rtes 122 and Rte 5 in Caledonia county. Low land flooding in Essex county near Victory. This flooding occurred in the Passumpsic Basin.

VERMONT, South

NONE REPORTED.

VIRGIN ISLANDS

St. Croix County

St. Croix

02	1000AST								
	2000AST				0	0			Wild/Forest Fire

Brush fires affected about 215 acres of land in Recovery Welcome, Peter's Farm and a section just east of Gallows Bay. No damages were reported on homes, structure or people. The cause of these fires were unknown, but arson was suspected in Gallows Bay.

St. Thomas/St. John & Islands County

St. Thomas

05	1505AST								
	1515AST				0	0			Waterspout

A pilot sighted a waterspout about 12 miles north of St. Thomas. Movement was unknown.

VIRGINIA, East

VAZ081

Prince George

19	1500EST								
					0	0	2K		High Wind

Dust devil hit front of store blowing out an 8 by 10 foot window, tossing gas cans and ceiling tile 150 feet in the city of Hopewell.

Storm Data and Unusual Weather Phenomena

April 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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VIRGINIA, Extreme Southwest

NONE REPORTED.

VIRGINIA, North

Loudoun County

Countywide

09	1945EST 2045EST								Lightning
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Lightning struck 2 homes and a 400 year old tree.

Loudoun County

Arcola

09	1955EST					0.50K			Thunderstorm Wind
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A tree was downed.

A cold front across the region on the 9th became the focus for evening thunderstorms. Some storms produced winds in excess of 58 MPH and frequent lightning. In Loudoun County, high winds downed a tree in Arcola. Lightning struck a home in Hamilton and Lovettsville and downed a 400 year old tree in Aldie. At Pentagon City in Arlington County, a townhouse under construction partially collapsed after strong winds moved through. Across the northern half of Virginia, storm related wind gusts included 47 MPH in Charlottesville, 45 MPH at Washington Reagan National Airport, 42 MPH at New Market in Shenandoah County, and 41 MPH at Herndon in Fairfax County.

Rockingham County

Tenth Legion

10	1830EST						2.5K		Lightning
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Lightning killed four heifers taking shelter under a tree.

A thunderstorm moved through Rockingham County around 7:30 PM EDT. Near Tenth Legion, lightning struck a tree and killed four 800 pound Black Angus heifers valued at \$2500 that were taking shelter under its branches.

VAZ021-025>031-036>042-050>053-055>057

Highland - Augusta - Rockingham - Shenandoah - Frederick - Page - Warren - Clarke - Nelson - Albemarle - Greene - Madison - Rappahannock - Fauquier - Loudoun - Orange - Culpeper - Prince William - Fairfax - Stafford - Spotsylvania - King George

19	0200EST 0600EST								Unseasonably Cold
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High pressure over the Mid-Atlantic region created calm winds and clear skies during the early morning hours of the 19th. These conditions in combination with a chilly airmass in place allowed temperatures to plummet into the mid 20s to lower 30s between 3 and 7 AM EDT. The resulted in a hard freeze which unfortunately was preceded by unseasonably warm weather which had caused many plants to bloom early. Farmers with budding peach and apple crops and homeowners and nurseries with outdoor vegetation in bloom reported losses.

VIRGINIA, Northwest

NONE REPORTED.

VIRGINIA, Southwest

Grayson County

10 E Independence

10	1715EST								Hail (1.00)
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Galax (C)

10	1720EST								Hail (1.00)
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Galax (C)

10	1737EST								Hail (1.50)
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Galax

Galax (C)

10	1755EST								Hail (1.25)
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Galax

Galax (C)

10	1925EST								Hail (1.00)
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Galax

Grayson County

2 W Fries

10	1925EST								Hail (1.00)
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Thunderstorms during the evening of the 10th produced hail up to 1.5 inches in diameter.

VAZ017

Floyd

16	0530EST 0630EST					10K			High Wind
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High winds during the morning of the 16th downed a tree onto a house and car near Willis Store.

WASHINGTON, Northeast

WAZ037>038

Northeast Mountains - Okanogan Highlands

03	0300PST 1200PST								Heavy Snow
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Storm Data and Unusual Weather Phenomena

April 2001

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

A late-season heavy snow event resulted across the border counties of northeast Washington as precipitation wrapped around the north side of a cold upper level low over southern Washington. Some of the heavier snowfall totals include: Metaline Falls...5", 18_NE Wauconda...5", Danville...4", Elk...4", and 8_S Northport...3.5".

Whitman County

**4 SSW Albion to
9 NNE Albion**

	27	1449PST 1510PST			0	0	10K		Hail (1.75)
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A single thunderstorm which moved north-northeast between Colfax and Pullman produced several reports of large hail. Golfball-sized hail at the Whitman County Landfill (4 SSW Albion) did extensive damage to the aluminum canopy on a truck there. A trained spotter in Albion reported dime-sized hail. A farmer located on Clear Creek Road (9 NNE Albion) reported quarter-sized hail which was deep enough to cover the ground.

Whitman County

2 E Oakesdale

	27	1542PST			0	0			Hail (1.00)
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Location: on WA Hwy 27

Spokane County

**Cheney to
Spokane**

	27	1800PST 1830PST			0	0			Lightning
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An unusual thunderstorm with frequent lightning moved across Spokane. Cloud-to-ground lightning hit two electric substations on the north side of Spokane, knocking out power to 15,000 residences for up to two hours.

Summary of events for April 27 2001:

A cold front moving into a moist (dewpoints in the mid 50s) and unstable airmass across eastern Washington touched off severe thunderstorms across the Palouse region of far eastern Washington on the afternoon of April 27. The strongest thunderstorm of the day developed just west of Pullman, moving quickly north-northeast and dropping severe hail from there all the way to the northeast corner of Whitman County. One other notable thunderstorm (non-severe) developed over southwest Whitman County. This storm eventually moved north into Spokane County with an unusual display of frequent lightning and many lightning-related power outages. Downtown Spokane received one-half inch of rain in just 15 minutes with this storm.

WASHINGTON, Northwest

NONE REPORTED.

WASHINGTON, Southeast

WAZ030

Northwest Blue Mountains

	10	0700PST			0	0	0	0	Heavy Snow
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A late season storm brought heavy snow to elevations above 4000 feet in the Blue Mountains of Southeast Washington. A SNOTEL site located 20 miles east of Walla Walla at an elevation of 5000 feet measured between 10 and 14 inches of snow.

WAZ028

Lower Columbia Basin

	17	0030PST 0330PST			0	0	20K		High Wind (G69)
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Several reports of damage near Benton City resulted from high winds that blew through the area during the early morning hours. A spotter in Benton City estimated a wind gust of 80 mph at 1:15 am PST, which removed several shingles from his house. A large tree fell across State Highway 225 in Benton City. Winds also downed tree limbs in nearby Sunnyside.

Walla Walla County

Waitsburg

	27	1525PST			0	0			Funnel Cloud
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WAZ028

Lower Columbia Basin

	30	1200PST 1600PST			0	1	75K	0	High Wind (G42) ^M
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Strong winds associated with the passage of a cold front overturned a tractor trailer rig, slightly injuring the driver. The accident occurred at 3 pm PST south of Kennewick at the intersection of U.S. Highway 395 and Interstate - 82. Earlier that afternoon, blowing dust reduced visibilities to less than 100 feet near Hanford, prompting the early release of some workers. In Kennewick, power was lost briefly to about 50 residences along Gum Street.

WASHINGTON, Southwest

NONE REPORTED.

WEST VIRGINIA, East

Morgan County

Berkeley Spgs

	09	1825EST			0	0	1K		Thunderstorm Wind
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A few trees were downed.

Berkeley County

Martinsburg

	09	1830EST			0	0	1K		Thunderstorm Wind
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Two trees were downed.

Storm Data and Unusual Weather Phenomena

April 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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WEST VIRGINIA, East

Mineral County

7 SE Keyser	09	1855EST 1859EST			0	0			Hail (1.00)
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Quarter sized hail fell.

Mineral County Countywide

09	1915EST			0	0	10K		Thunderstorm Wind
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High winds caused numerous power outages. A cold front across the region on the 9th became the focus for evening thunderstorms. Some storms produced winds in excess of 58 MPH and hail. In Mineral County, quarter sized hail fell southeast of Keyser. High winds caused numerous power outages across the county. In Hampshire County, pea sized hail and gusty winds were reported. In Morgan County, a few trees were downed in Berkeley Springs. In Berkeley County, two trees were downed in Martinsburg. A wind gust of 47 MPH was recorded at the airport.

WVZ048>055

Grant - Mineral - Hampshire - Morgan - Berkeley - Jefferson - Pendleton - Hardy									
19	0200EST 0600EST			0	0			Unseasonably Cold	

High pressure over the Mid Atlantic region created calm winds and clear skies during the early morning hours of the 19th. These conditions in combination with a chilly airmass in place allowed temperatures to plummet into the 20s between 3 and 7 AM EDT. This resulted in a hard freeze with unfortunately was preceded by unseasonably warm weather which had caused many plants to bloom early. Homeowners and nurseries with outdoor vegetation reported losses.

WEST VIRGINIA, North

Hancock County

New Cumberland	09	1530EST			0	0		Hail (0.75)
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Hancock County

3 E Moscow	09	1535EST			0	0	2K	Thunderstorm Wind
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Thunderstorm winds downed a few trees.

Brooke County

Weirton	09	1605EST			0	0		Hail (0.75)
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Ohio County

Clearview	09	1700EST			0	0	2K	Thunderstorm Wind
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Thunderstorm winds downed a few trees.

Monongalia County

10 S Morgantown	09	1730EST			0	0		Hail (1.00)
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Monongalia County

2 S Morgantown	09	1745EST			0	0		Hail (1.75)
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Marion County

2 NE Farmington	09	1750EST			0	0		Hail (1.00)
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Ohio County

Wheeling	09	1750EST			0	0		Hail (0.75)
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Preston County

7 W Kingwood	09	1750EST			0	0		Hail (1.25)
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Ohio County

Wheeling	09	1758EST			0	0		Hail (1.50)
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Monongalia County

Daybrook	09	1817EST			0	0		Hail (0.75)
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Preston County

Independence	09	1835EST			0	0		Hail (0.75)
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Wetzel County

Reader	09	1840EST			0	0		Hail (1.50)
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Preston County

15 S Kingwood	09	1845EST			0	0		Hail (1.00)
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Tucker County

Parsons	09	1930EST			0	0	2K	Thunderstorm Wind
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Thunderstorm winds downed several trees.

Tucker County

3 N Pierce	09	1930EST			0	0	5K	Thunderstorm Wind
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Thunderstorm winds downed numerous trees along US Route 219.

Storm Data and Unusual Weather Phenomena

April 2001

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

WISCONSIN, Northeast

Marinette County									
Porterfield	23	1300CST			0	0			Thunderstorm Wind (G50)
Outagamie County									
2 NW Appleton	23	1300CST			0	0			Thunderstorm Wind (G50)
Outagamie County									
Freedom	23	1300CST			0	0			Thunderstorm Wind (G50)
Marinette County									
4 NW Peshtigo	23	1309CST			0	0			Thunderstorm Wind (G50)
Brown County									
Ashwaubenon	23	1313CST			0	0			Thunderstorm Wind (G50)
Door County									
6 WSW Fairland to 9 NW Sturgeon Bay	23	1326CST 1346CST			0	0			Waterspout

A strong cold front swept into southwest Wisconsin during the mid morning hours. A narrow line of severe thunderstorms developed immediately ahead of the cold front. The storms caused strong winds aloft to reach the surface, resulting in damage to trees and power lines. At least 8,000 customers lost electrical power due to the storms. Thunderstorm winds ripped the tin roof from a barn in Marinette county and downed a shed near Freedom (Outagamie co.). More than 100 trees were downed by thunderstorm winds near Alice Lake (Lincoln co.). Two cottages were destroyed and six others were damaged when trees landed on them. One person sustained a minor injury when a mobile home was flipped on its side by thunderstorm winds 5 miles east northeast of Tomahawk (Lincoln co.).

A waterspout developed over the southern part of Green Bay and moved north along the shoreline before it dissipated.

WISCONSIN, Northwest

WIZ001>002 Douglas - Bayfield									
06		2300CST			0	0			Flood
23		2300CST							
Three heavy rain events plus the melting of a snowpack with a high water content added up to high water levels on many creeks, streams, rivers, and lakes. The worst flooding occurred on the 22nd and 23rd. Many roads were covered with water in both counties, and several houses were affected by high water levels, especially along the Amnicon River in Douglas County.									
WIZ002 Bayfield									
15		2030CST			0	0			Heavy Snow
16		0920CST							
Lake effect snow totaling 9 inches fell in Iron River. Cornucopia reported 6.5 inches.									

WISCONSIN, Southeast

Ozaukee County									
Mequon	05	1500CST			0	3	20K		Lightning
Lightning struck a home, resulting in major structural damage to the chimney and roof, but there was no fire. Three landscape workers were injured when the lightning bolt split from the chimney and struck them while they were loading their truck.									
WIZ056-062-067 Sauk - Iowa - Lafayette									
06		0000CST 0600CST			0	0			Fog
Dense fog developed overnight...reducing visibilities to 1/8 to 1/4 mile. About a dozen vehicle accidents were reported.									
Sheboygan County									
Greenbush to Howards Grove	07	0128CST 0145CST			0	0	400K		Thunderstorm Wind (G78)
A severe thunderstorm, packing estimated winds gusts to 78 knots (90 mph), raked the northern part of Sheboygan County. A tree fell on and damaged a home near Greenbush. Near the village of Rhine Center a barn was significantly damaged, and one home sustained major damage as it's roof was ripped off. Another barn north of Plymouth was damaged. In addition, several farm sheds across the northern part of the county were also destroyed. A total of 4 agricultural buildings had minor damage and 4 had major damage. Several road signs were bent, and one car was damaged by bricks which were ripped off a home's chimney. Near Howards Grove a 30 foot long trailer was rolled over. Several homes also sustained minor roof damage. The County of Sheboygan spent about \$50,000 to clear trees and branches from area roads.									
WIZ046>047- 056>059-062>072 Marquette - Green Lake - Sauk - Columbia - Dodge - Washington - Iowa - Dane - Jefferson - Waukesha - Milwaukee - Lafayette - Green - Rock - Walworth - Racine - Kenosha									
07		0200CST 0830CST			0	0			Fog
Dense fog developed overnight, reducing visibilities to 1/8 to 1/4 mile. About 3 dozen vehicle accidents were reported. Numerous airline flights were delayed or canceled at local airports.									

Storm Data and Unusual Weather Phenomena

April 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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WISCONSIN, Southeast

WIZ051>052-060	Fond Du Lac - Sheboygan - Ozaukee	07	0630CST		0	0			Fog
			1000CST						

Dense fog developed toward daybreak, reducing visibilities to 1/8 to 1/4 mile. Airplane departures and landings were postponed or canceled. About a dozen vehicle accidents were reported.

WIZ046>047-051>052-056>060-062>072	Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Dodge - Washington - Ozaukee - Iowa - Dane - Jefferson - Waukesha - Milwaukee - Lafayette - Green - Rock - Walworth - Racine - Kenosha	07	1300CST		0	1			High Wind (G57) ^M
			1800CST						

Widespread gradient high winds raked south-central and southeast Wisconsin for 5 hours. Maximum winds gusts were in the 50 to 57 knot range (58 to 66 mph). There were numerous reports of felled trees and broken tree branches, roof shingles and rain gutters torn from homes, and chain-link fence damage. The strongest sustained winds and gusts occurred mostly between 1400 and 1600CST. The 57 knot (66 mph) maximum gust was observed at the Milwaukee Betty Brinn Museum. A gust of 55 knots (63 mph) was observed by a severe weather spotter near Dousman (Waukesha). About 49,000 customers lost electricity at one time or another.

A tractor-trailer driver on Interstate 90 near Janesville (Rock Co.) was injured when his truck was blown over. The wind gusts capsized a boat east of the Hoan Bridge in the nearshore waters of Lake Michigan, but the occupants were rescued. In the city of Salem (Kenosha Co.), the high winds pushed a dumpster into a parked law enforcement vehicle which resulted in major damage. In the city of Kenosha (Kenosha Co.), the high winds toppled a 50-foot tall antenna onto a home, resulting in roof and rain gutter damage. Grass fires were noted in the counties of Milwaukee, Washington, Columbia, Walworth, Racine, Waukesha, Green, and Rock. At least 400 acres burned in Walworth County.

Synoptically, deep low pressure moved northeast through central Minnesota to northern Wisconsin. Southwest winds at 850 mb (about 5000 feet AGL) were in the 60 to 65 knot range over eastern Iowa into southern Wisconsin. At 500mb (about 18,000 feet AGL) they were 80 to 90 knots.

Green County

2 W New Glarus

08	2130CST		0	0				Hail (0.75)
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Rock County

Janesville

08	2200CST		0	0				Hail (0.75)
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Isolated severe thunderstorms generated large hailstones.

Sheboygan County

Howards Grove to

Random Lake

11	1400CST		0	0				Urban/Sml Stream Fld
	1800CST							

Intense rainfall up to 2.10 inches in only 2 hours generated widespread small stream and urban flooding across the eastern half of Sheboygan County. Water depths on low roads ranged from 6 inches to 2 feet. Dozens of motor vehicles stalled or became stranded. Part of State Highway 32 was blocked between 1600 and 1730CST. There were numerous reports of minor basement flooding, but not as damaging as the 1998 flooding, due to mitigation efforts made since that event. In Howards Grove, Pigeon Creek swelled 100 feet out of its bank to flood nearby fields and backyards. Associated lightning strikes in scattered thunderstorms across south-central and southeast Wisconsin during the afternoon hours left 23,000 customers with electrical power during the afternoon and early evening hours.

Rock County

Hanover to

Footville

11	1403CST		0	0				Thunderstorm Wind (G70)
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Rock County

4 S Evansville to

Edgerton

11	1420CST		0	0	300K			Thunderstorm Wind (G60)
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Dane County

5 SE Stoughton

11	1440CST		0	0				Thunderstorm Wind (G55)
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Scattered severe thunderstorms with intense wet microbursts visited parts of south-central Wisconsin. Between Hanover and Footville in Rock County, the powerful winds toppled trees and power poles, damaged about a dozen barns and sheds, took a roof off a storage building, and tore some siding off a residential home. Between Evansville and Edgerton (Rock Co.), other storms toppled more trees and power lines, and near Stoughton (Dane Co.), the winds toppled several trees. About 1200 customers were without electricity at one time or another.

WIZ056>057

Sauk - Columbia

11	1500CST		0	0				Flood
16	1200CST							

Recent heavy rainfalls caused widespread flooding of creeks, streams, and rivers in Sauk County, and the western part of Columbia County. In the city of Rock Springs (Sauk Co.), 1.80 inches of rain fell on April 11th. In nearby Wisconsin Dells (Columbia Co.), 1.21 inches was measured. This rain fell on top of saturated soils. Fencing around the Mirror Lake dam sluiceway was damaged by the high water levels. Mirror Lake is located southwest of Lake Delton in northeastern Sauk County. In addition, boat docks located

Storm Data and Unusual Weather Phenomena

April 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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WISCONSIN, Southeast

at the confluence of Dells Creek and the Wisconsin River in Sauk County were completely under water. Clogged storm sewers in the Lake Delton area caused water to back up and flood local roads. The Blackhawk area of Portage also had flooding, which typically occurs when the Wisconsin River at Portage reaches the 18-foot level. The Wisconsin River crested at 18.12 feet in Portage at 0630CST on April 13, 2001, 1.12 feet above flood stage. This crest can be considered as a 5-year flood. It was still around the 18-foot level until April 16th. A couple lowland roads in Portage were temporarily closed on April 11th during the heavy rains.

WIZ058>060-064>065-070

Dodge - Washington - Ozaukee - Jefferson - Waukesha - Walworth

11	1830CST 2000CST				0	0			High Wind (G58) ^M
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Gradient high winds raked parts of southeast Wisconsin for a short period of time. However, there were numerous reports of toppled trees, power poles, and power lines, as well as bent road signs. In addition, on County Trunk H in Jefferson County, a barn sustained minor to moderate damage. The highest measured wind gust was 58 knots (67 mph) at the home of a severe weather spotter near Dousman (Waukesha Co.). Other maximum gusts were in the 50 to 57 knot range (58 to 66 mph). A gust of 55 knots (63 mph) was recorded at the NWS Forecast Office near Sullivan (Jefferson Co.).

Synoptically, a gravity wave with associated widespread rain showers moved northeast out of Illinois and across southeastern Wisconsin. Some of the strongest gusts occurred when rain showers were observed. The convection most likely contributed to the mixing and transfer of high-momentum air down to the surface. The VAD wind profile at the NWS Office near Sullivan depicted southwest winds of 50 to 60 knots between two and four thousand feet AGL.

WIZ056

Sauk

12	0145CST 0300CST				0	0			High Wind (G52)
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Gradient high winds pushed over a camper unit near the village of Lake Delton in northeastern Sauk County. There were other reports of toppled trees across the northern part of the county. The high winds were associated with scattered rain showers which led to the mixing and transfer of high-momentum air down to the surface.

WIZ046>047

Marquette - Green Lake

12	0230CST 0315CST				0	0			High Wind (G52)
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Yet another round of high winds (third for this month for southern Wisconsin) occurred during the overnight hours in a small area of south-central Wisconsin north of Madison. Numerous reports of toppled trees and some damaged power lines were passed on to law enforcement officials. Maximum winds gusts were estimated to be around 52 knots (60 mph) based on tree damage. The high winds were associated with scattered rain showers which led to the mixing and transfer of high-momentum air down to the surface. Wind gusts to 40 to 45 knots (46 to 52 mph) were noted elsewhere across south-central and southeast Wisconsin, where only minor tree limb breakage was reported.

WIZ063

Dane

16	1900CST 2100CST				0	0			Winter Weather
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Numerous vehicle accidents were noted across Dane County, including several large multiple-vehicle pile-ups. A half-inch of snow fell with temperatures just below freezing. The snow then melted and froze into clear ice on bridges. At least 50 accidents were reported, with a 24-vehicle pile-up occurring on Stoughton Road in Madison, and a 10-car pile-up near the intersection of Stoughton and Cottage Grove Road. Stoughton Road was closed 2.5 hours. At least three people were hospitalized for injuries sustained in the accidents (indirectly-related).

Marquette County

3 S Montello

23	1120CST 1220CST				0	0			Thunderstorm Wind (G50)
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Green Lake County

Princeton

23	1128CST				0	0			Hail (1.00)
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Green Lake County

Berlin

23	1145CST				0	0			Hail (0.75)
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A cluster of scattered severe thunderstorms rolled through Marquette and Green Lake Counties. Large trees and a power pole were toppled by powerful wind gusts south of Montello (Marquette Co.).

WISCONSIN, Southwest

Vernon County

Viroqua

06	2130CST				0	0			Hail (0.75)
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Dime size hail was reported by the public.

WIZ032>034-

041>044-053>054-061

Buffalo - Trempealeau - Jackson - La Crosse - Monroe - Juneau - Adams - Vernon - Crawford - Grant

07	0900CST 2000CST				0	0	11.6K		High Wind (G64) ^M
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A strong pressure gradient associated with an intense low pressure system produced wind gusts of 60 to 70 mph across southwest and

Storm Data and Unusual Weather Phenomena

April 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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WISCONSIN, Southwest

central Wisconsin. In fact, the La Crosse National Weather Service (La Crosse County) recorded a peak wind gust of 74 mph. The strong winds resulted in minor damage to roofs and siding, while knocking down some trees and limbs, which caused power outages.

WIZ032>033-041-053>054-061

Buffalo - Trempealeau - La Crosse - Vernon - Crawford - Grant

10	1200CST	0	0	6.5M	Flood
30	2359CST				

Heavy rains, combined with snow melt runoff, caused the Mississippi River to reach near record levels. In fact, at most locations the water reached levels second only to the all-time flood of record, which occurred in April 1965. The Mississippi River at La Crosse (La Crosse County) crested at 16.4 feet on April 18, which was the third all-time highest flood on record. Hardest hit was the Prairie du Chien area (Crawford County) and points southward, where flood waters did considerable damage to businesses and homes. Overall damage due to the high water was estimated around 6 million dollars. This resulted in Buffalo, Trempealeau, La Crosse, Vernon, Crawford and Grant County being eligible for state disaster relief funds. Water levels began dropping during the latter part of the month, but remained above flood stage through early May.

Grant County

Glenhaven	11	1740CST			20K	Thunderstorm Wind (G53)
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Grant County

3.5 N Potosi	11	1740CST 1745CST			6K	Thunderstorm Wind (G55)
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Crawford County

5 E Steuben	11	1812CST				Thunderstorm Wind (G52)
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Grant County

Boscobel	11	1815CST				Thunderstorm Wind (G52)
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Richland County

10 SW Richland Center	11	1830CST				Hail (0.75)
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Emergency management officials reported a 30 by 60 foot pole building near Glen Haven (Grant County) was ripped apart by wind gusts estimated around 60 to 65 mph. The roof of another large outbuilding near Potosi (Grant County) was blown off by thunderstorm winds.

Juneau County

New Lisbon	12	0200CST			1.5K	Thunderstorm Wind (G55)
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Juneau County

Mather	12	0201CST			0.75K	Thunderstorm Wind (G53)
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Adams County

Easton	12	0205CST			1K	Thunderstorm Wind (G55)
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Law enforcement officials reported numerous trees and power lines downed by wind gusts estimated between 60 and 65 mph.

La Crosse County

Onalaska	23	0858CST				Hail (0.88)
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La Crosse County

Onalaska	23	0900CST				Hail (0.75)
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La Crosse County

Mindoro	23	0915CST				Hail (0.75)
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Clark County

1 S Humbird	23	0940CST				Hail (0.75)
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Jackson County

Black River Falls	23	0940CST				Hail (0.75)
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Dime to nickel size hail was reported by law enforcement officials and spotters.

WISCONSIN, West

WIZ014-023>024-026

Polk - St. Croix - Pierce - Pepin

01	1200CST	0	0	10M	Flood
30	2359CST				

Heavy snow fall during winter remained on the ground through the end of March and then rapidly melted, resulting in river stages close to record levels along Wisconsin's western border. Water began to gush through drainage ditches, streams and into the mainstem rivers during midday April 1. Two to four inches of rain April 7-9 prolonged the high water and also added about one foot to the crest during mid-April. Another two to three inches of rain April 22-23 caused a second crest in late April. Both the St. Croix and Mississippi Rivers remained well above flood stage into May (see May 2001 Storm Data). The crest at Stillwater MN on the St. Croix River was the second highest crest, only 1.8 feet lower than in 1965. The crest at Hastings MN and Red Wing MN on the Mississippi River was the third highest level, lower only than during the floods of 1965 and 1969.

A few homes and businesses in Durand (Pepin County) and Prescott (Pierce County) had water in basements, and one office building in Hudson (St. Croix County) was engulfed by the St. Croix River. Numerous county roads and bridges were under water, and the

Storm Data and Unusual Weather Phenomena

April 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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WISCONSIN, West

St. Croix River crossing between Houlton (St. Croix County) and Stillwater MN was closed from April 10th into the month of May. Kennedy Mills dam on the Apple River near St. Croix Falls (Polk County) was clogged by debris, causing an adjoining embankment to collapse. A section of another dam 10 miles east of St. Croix Falls also began eroding. Both dams were shored up and did not collapse.

WIZ023>024

St. Croix - Pierce

07	0915CST 1500CST				0	0	1M		High Wind (G53) ^M
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A strong surface low pressure system moved out of the southwestern US and into north central Minnesota by the early afternoon on the 7th. This system produced numerous wind gusts in the 55 to 60 mph range across portions of west central Wisconsin. A gust of 61 mph was measured at the Hager City airport. Some damages of note include a mobile home blown over on its side in Rock Elm (Pierce county), roof damage to a school in Prescott (Pierce county), signs ripped loose, siding damaged on a business, and a semi trailer blown off interstate 94 in Roberts (St. Croix County).

Eau Claire County

Eau Claire	23	0923CST			0	0			Hail (1.00)
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Chippewa County

6 E Chippewa Falls	23	0945CST			0	0			Hail (1.00)
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WYOMING, Central and West

Sweetwater County

Wamsutter	20	1015MST			0	0			Thunderstorm Wind (G65)
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Roof blown off mobile home.

Sweetwater County

James Town	20	1145MST 1148MST	0.2	10	0	0			Tornado (F1)
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8x10 metal shed destroyed.

Natrona County

Casper	20	1300MST			0	0			Thunderstorm Wind (G61)
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Rain gutters damaged on apartment building, shed adjacent to apartment building severely damaged, car windows broken out. Damage occurred over a small area.

WYOMING, Extreme Southwest

NONE REPORTED.

WYOMING, North Central

WYZ098

Northeast Bighorn Mountains

21	0155MST				0	0			Heavy Snow
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6 inches of snow in Burgess Junction

WYOMING, Northeast

NONE REPORTED.

WYOMING, Southeast

Goshen County

18 SE Torrington	02	1634MST 1638MST			0	0			Hail (0.88)
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Laramie County

Cheyenne	03	1602MST 1606MST			0	0			Hail (0.75)
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Laramie County

Cheyenne	03	1605MST 1609MST			0	0			Hail (1.00)
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Laramie County

Cheyenne	03	1607MST 1611MST			0	0			Hail (0.88)
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Laramie County

5 N Cheyenne	03	1613MST 1616MST			0	0			Hail (0.75)
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Laramie County

15 NE Cheyenne	03	1710MST 1718MST			0	0			Hail (0.75)
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3/4 inch hail accumulated 2 inches deep.

Storm Data and Unusual Weather Phenomena

April 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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WYOMING, Southeast

WYZ067-069>070	Platte - Cheyenne Foothills - Pine Bluffs				0	0	350K		Blizzard
	10 2000MST								
	11 1500MST								

A powerful winter storm produced blizzard conditions over much of far southeast Wyoming, resulting in some power outages and closing many roads. All roads out of Cheyenne were closed with winds in excess of 40 mph and almost 10 inches of snow recorded, while many power poles were knocked over in eastern Laramie county. 13 inches of snow fell in Chugwater, WY, with 10-12 inches common over much of Laramie county and the southern Laramie mountain range.

Carbon County					0	3	50K		Thunderstorm Wind (G65)
35 WSW Rawlins	20	1015MST							
		1018MST							

Strong thunderstorm wind gust rolled a mobile home 3 times in Echo Springs, resulting in 3 injuries.

Carbon County					0	0			Hail (1.50)
35 WSW Rawlins	20	1020MST							
		1022MST							

WYZ059>060-062-065>070	Converse - Niobrara - North Carbon - Laramie Valley - Laramie Range - Platte - Goshen - Cheyenne Foothills - Pine Bluffs				0	0	100K		Blizzard
	21 1430MST								
	22 2000MST								

The second major winter storm in 10 days produced heavy snow over much of southeast Wyoming, with blizzard conditions in some spots. 12 to 16 inches of snow fell in Douglas, Lusk, Elk Mountain and Medicine Bow, WY, with 8 to 10 inches recorded in Wheatland and Cheyenne. All roads out of Cheyenne, WY, were closed again, as was much of Interstate 80. Power outages were also reported in parts of Laramie County as winds gusted to around 40 mph.

Storm Data and Unusual Weather Phenomena

January 2001

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

PENNSYLVANIA, Central

Lancaster County Countywide

30	1645EST	0	0	Flash Flood
31	1830EST			

Rainfall and warm temperatures combined to form an ice jam along Pequea Creek at Paradise in Lancaster County. An automated gage at the site recorded a rise from around 3 feet to 8.4 feet. Flooding occurs when the stage reaches 6 feet. A rapid decrease in water levels was noted on the morning of the 31st. Calls to Emergency Management officials reported no damage.

Storm Data and Unusual Weather Phenomena

March 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

KANSAS, Southeast

Kingman County Cunningham	14	2025CST			0	0			Hail (0.75)
Harper County 9 NW Attica	14	2040CST			0	0			Hail (1.00)
Kingman County 3 S Nashville	14	2100CST			0	0			Hail (1.00)
Harper County 5 NE Attica	14	2106CST			0	0			Hail (0.75)
Harper County 3 SW Duquoin	14	2114CST			0	0			Hail (0.75)
Harper County 5 NW Harper	14	2126CST			0	0			Hail (0.75)
Kingman County Nashville	14	2131CST			0	0			Hail (0.88)
Kingman County 4 NE Cunningham	14	2136CST			0	0			Hail (0.88)
Marion County 5 E Goessel	14	2143CST "Greater than 3/4 inch."			0	0			Hail (0.88)
Harper County 9 NW Attica	14	2147CST			0	0			Hail (0.75)
Harper County Harper	14	2225CST Time estimated.			0	0			Hail (1.00)
Marion County Lost Spgs	15	1347CST 1443CST			0	0			Flash Flood

Numerous roads across the county were flooded as well.

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.

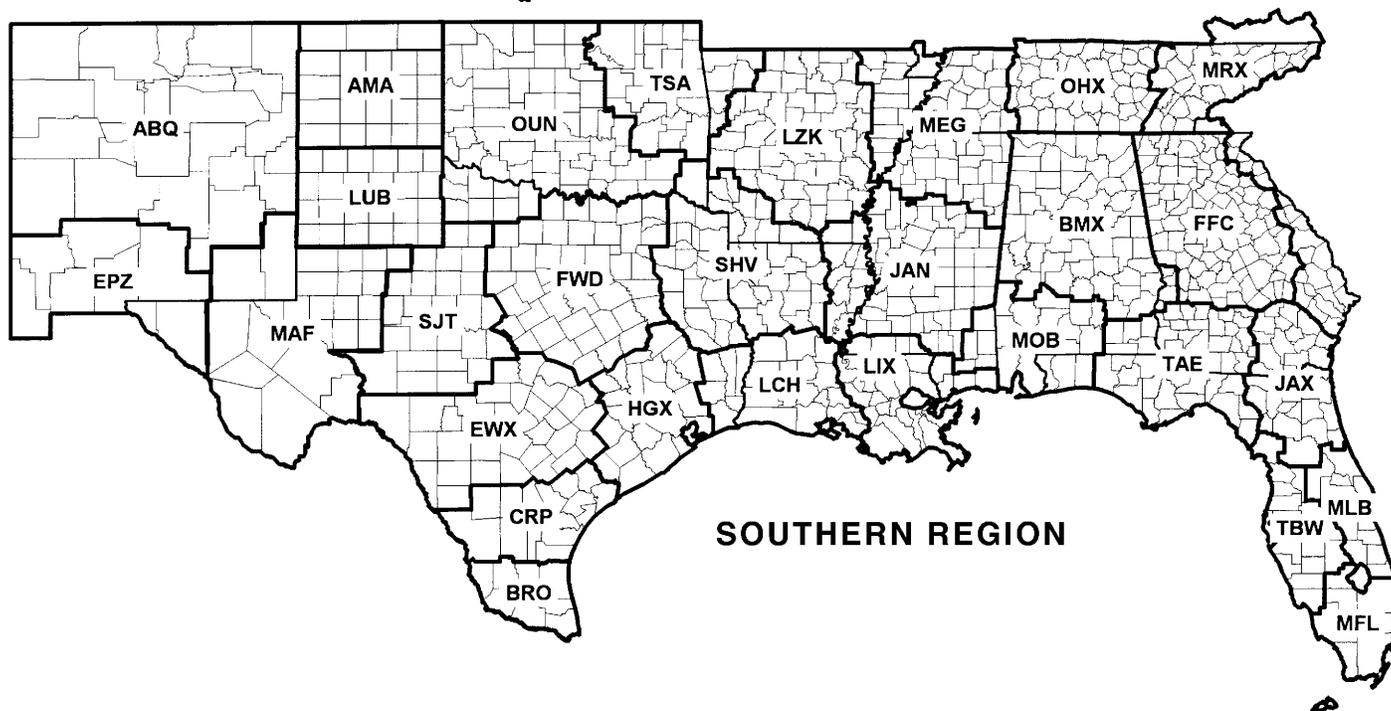


* From the Journal of Atmospheric Science, August 1981, p. 1517-1519

COUNTY WARNING & FORECAST AREAS - MODERNIZED NWS

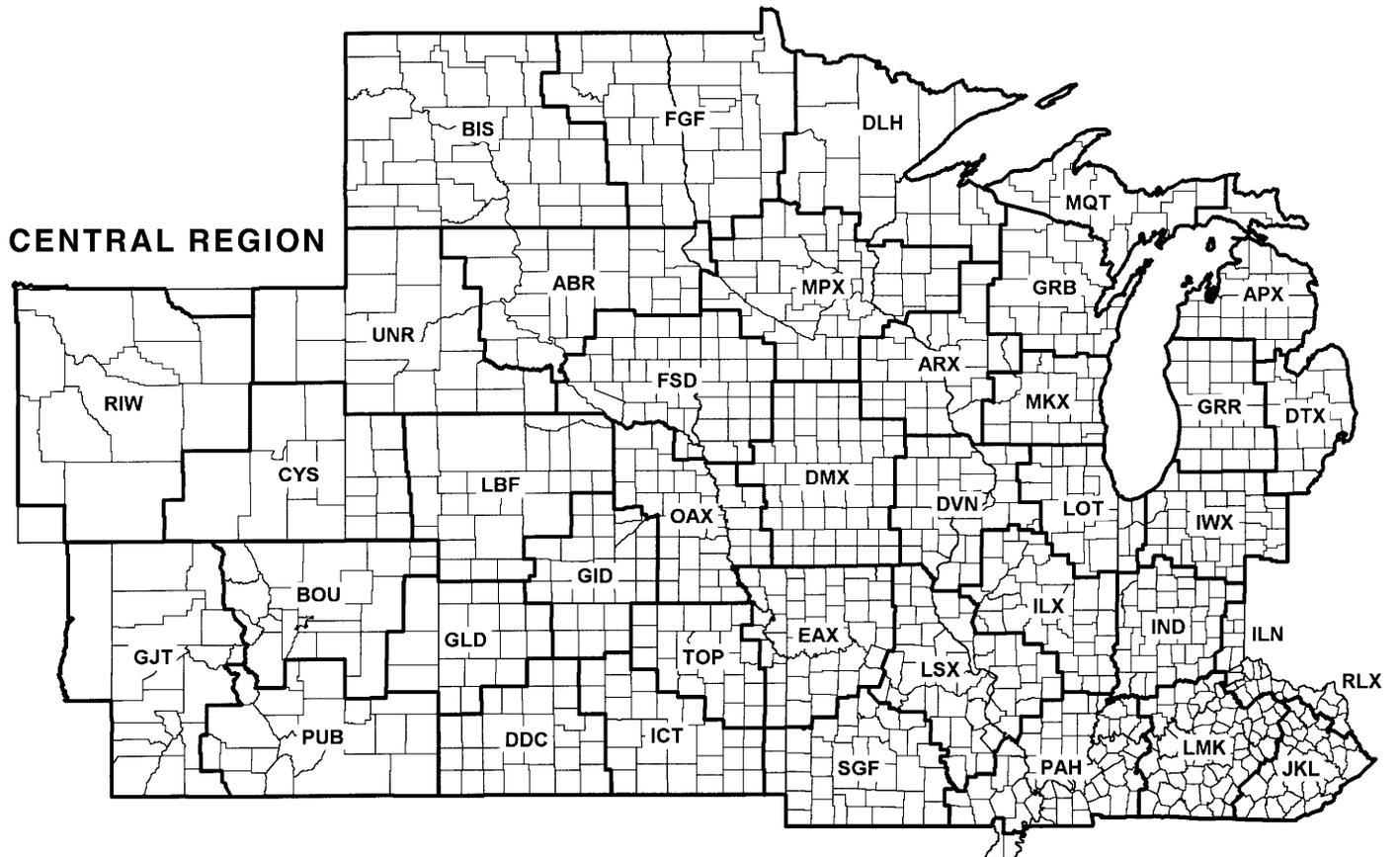
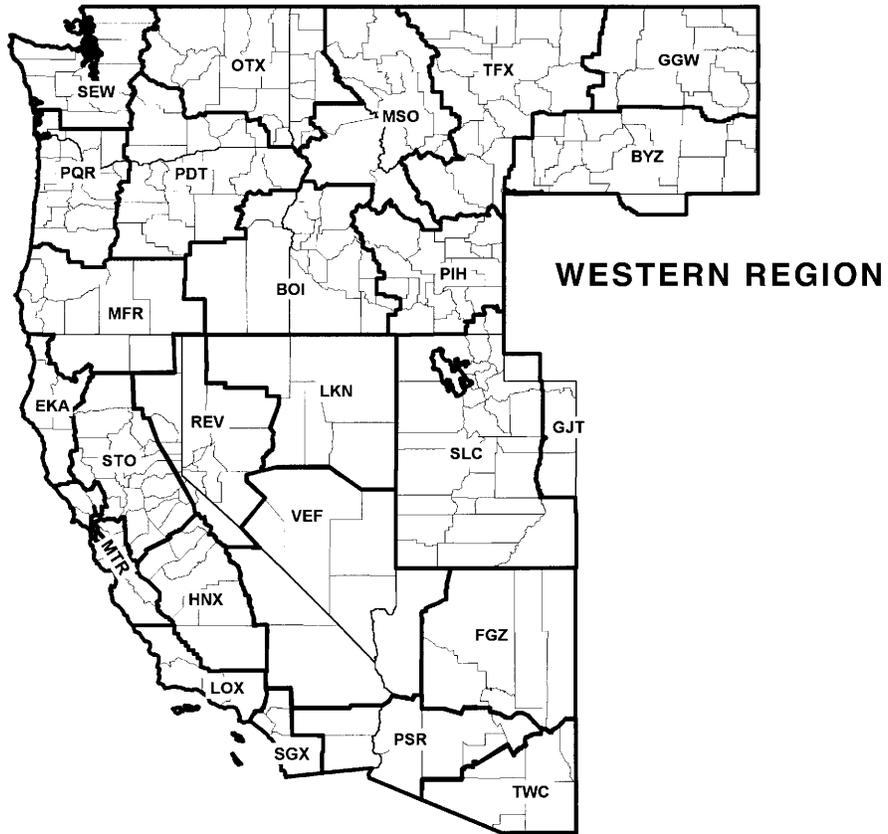


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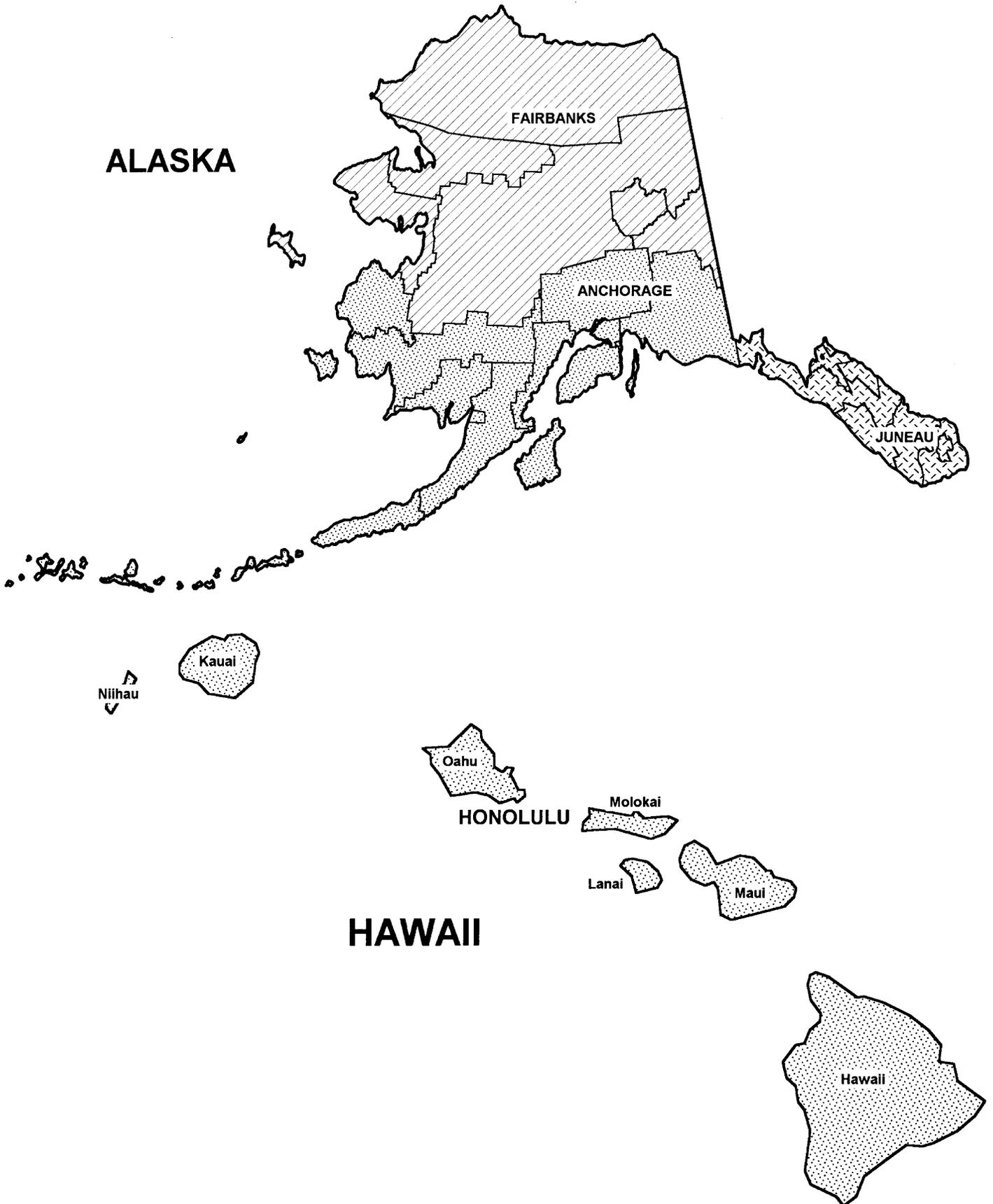


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