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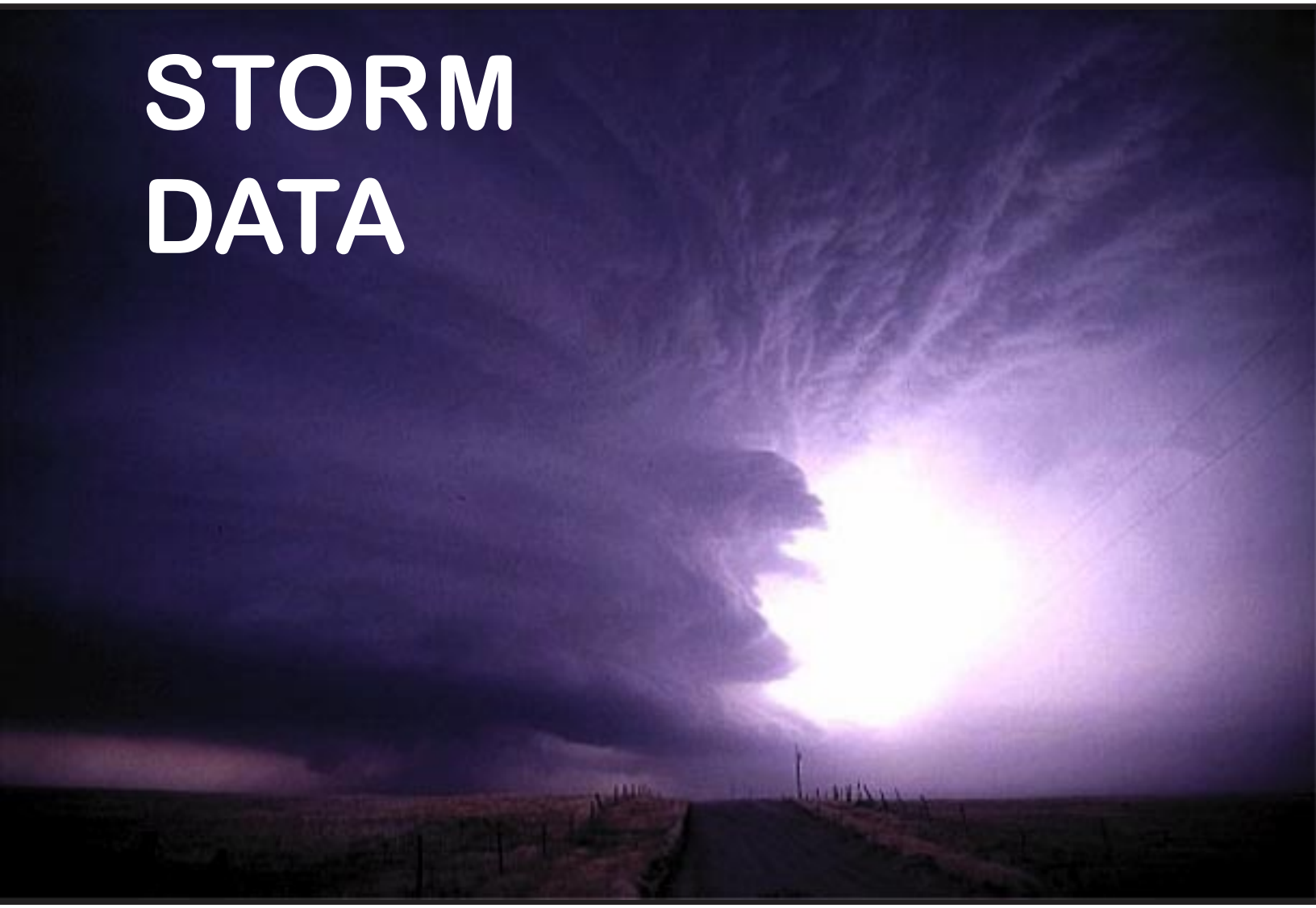
STORM DATA



AND UNUSUAL WEATHER PHENOMENA WITH LATE REPORTS AND CORRECTIONS

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

Cover: This photograph of a supercell thunderstorm was taken on July 8, 2000, northwest of Crook, Colorado. An hour later the storm produced softball size hail and an F3 tornado near Daily, Colorado. *(Photograph courtesy of Ian Wittmeyer, Research Associate/Meteorologist, Colorado State University, Fort Collins, CO)*

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STORM DATA
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Editor: Stephen Del Greco
Assistant Editor: Stuart Hinson

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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:

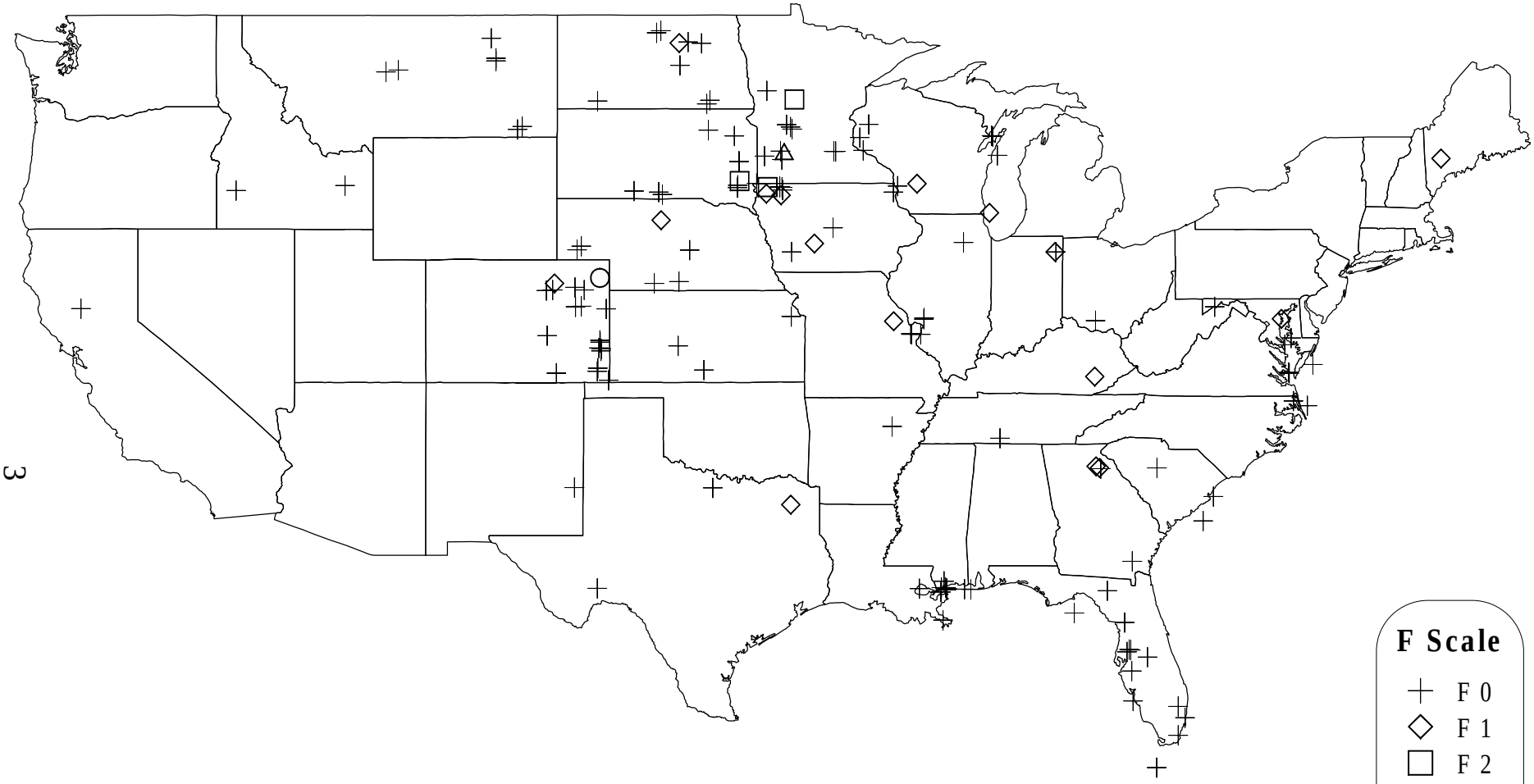
Storm Data
National Climatic Data Center
151 Patton Avenue
Asheville, NC 28801

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.

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

Thomas R. Karl
Director,
National Climatic Data Center

July 2000 Confirmed Tornadoes



F Scale	F0	F1	F2	F3	F4	F5	Total
Number	126	16	3	1	1	0	147

OUTSTANDING STORMS OF THE MONTH

The was no “OUTSTANDING STORM OF THE MONTH” submission for July 2000.

Storm Data and Unusual Weather Phenomena

July 2000

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
ALABAMA, North Central									
ALZ006	**Madison**								
	01	**0000CST**			**0**	**0**	**0**	**0**	**Drought**
	31	**2359CST**							
The monthly rainfall observed at the Huntsville International Airport was 1.31 inches. This was the second lowest amount of rain measured in the month of July since records began in 1958.									
ALZ044	**Montgomery**								
	01	**0000CST**			**0**	**0**	**0**	**0**	**Drought**
	31	**2359CST**							
ALZ044	**Montgomery**								
	01	**0000CST**			**0**	**0**	**0**	**0**	**Excessive Heat**
	31	**2359CST**							
The monthly rainfall measured at Dannelly Field was 1.69 inches. This was the second lowest amount of rain observed during the month of July since records began in 1910. The average monthly temperature for July was 84.3 degrees. This was the second highest temperature recorded for July since records began in 1910.									
Jackson County									
Bridgeport	**06**	**1635CST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G50)**
Power lines were blown down near Bridgeport.									
Randolph County									
7 SE Wedowee	**10**	**1430CST**			**0**	**0**	**5K**	**0**	**Thunderstorm Wind (G60)**
A grain silo was heavily damaged and some farm equipment sustained damage near the town of Tin Shop.									
Elmore County									
Wetumpka	**12**	**1000CST**			**0**	**0**	**30K**	**0**	**Thunderstorm Wind (G55)**
Trees and power lines were blown down in and around Wetumpka. One vehicle was totally destroyed by a falling tree.									
Barbour County									
Eufaula	**12**	**1219CST**			**0**	**0**	**15K**	**0**	**Thunderstorm Wind (G60)**
		1224CST							
Several trees were blown down just north of Eufaula near the intersection of US 431 and CR 97. One home was heavily damaged when a tree fell on it. One building in Eufaula had a heating unit damaged on the top of the structure. Several other reports of minor roof damage and trees blown down were received from the eastern part of Barbour County.									
Morgan County									
Decatur	**12**	**1617CST**			**0**	**0**	**3K**	**0**	**Thunderstorm Wind (G55)**
		1625CST							
Trees and power lines were knocked down across the city of Decatur.									
Marion County									
5 N Hamilton	**12**	**1715CST**			**0**	**0**	**8K**	**0**	**Thunderstorm Wind (G60)**
A large tree was blown down onto an automobile. A few homes reported shingle damage on their roofs. This damage occurred along CR 29 north of Hamilton.									
Jackson County									
Countywide	**12**	**1800CST**			**0**	**0**	**3K**	**0**	**Thunderstorm Wind (G55)**
Several trees were blown down throughout the county.									
Walker County									
Jasper	**12**	**1820CST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G55)**
Trees and power lines were knocked over producing power outages across the city of Jasper.									
Clay County									
Bluff Spgs	**12**	**1829CST**			**0**	**0**	**4K**	**0**	**Thunderstorm Wind (G60)**
Several trees were blown down near Bluff Springs. One home suffered minor roof damage.									
ALZ044	**Montgomery**								
	15	**1500CST**			**0**	**0**	**0**	**0**	**Excessive Heat**
A new record high temperature of 103 degrees was measured at Dannelly Field in Montgomery.									
Jefferson County									
Hoover	**15**	**1540CST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G55)**
Riverchase Country Club had several trees topped off. A few other trees were blown down in Hoover and Riverchase. A large sign at a computer store at the Galleria was damaged by strong wind.									
Tuscaloosa County									
Brookwood	**15**	**1708CST**			**0**	**0**	**1K**	**0**	**Thunderstorm Wind (G50)**
A few trees and power lines were blown down in the Brookwood area. Pea size hail was also reported with this storm.									
Colbert County									
Cherokee	**15**	**1900CST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Dime size hail was reported in the city of Cherokee.									
Winston County									
Countywide	**15**	**2012CST**			**0**	**0**	**4K**	**0**	**Thunderstorm Wind (G60)**
Several trees were blown down throughout the county. The most concentrated area of damage was along CR 63 near Moreland where trees and power lines were knocked down. A large piece of roof from a new chicken house was blown off, and a few carports and awnings were damaged in that area.									

Storm Data and Unusual Weather Phenomena

July 2000

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

ALABAMA, North Central

Cullman County

3 NW Garden City — **15** — **2038CST** — **0** — **0** — **10K** — **0** — **Thunderstorm Wind (G55)**

Several trees were blown down near the Fairview West community. One trailer sustained heavy damage and one tree fell onto a house.

St. Clair County

Cropwell — **15** — **2050CST** — **0** — **0** — **5K** — **0** — **Thunderstorm Wind (G55)**

Several trees and power lines were blown down near Cropwell along Logan Martin Lake. Thousands of customers were without power for several hours. One mobile home had its roof torn off in Pell City.

Talladega County

Talladega — **15** — **2055CST** — **0** — **0** — **10K** — **0** — **Thunderstorm Wind (G60)**

Trees and power lines were knocked down in Talladega. Thousands of customers were without power for several hours. A steeple of a church was blown off and destroyed in Renfroe.

ALZ044 — **Montgomery**

16 — **1500CST** — **0** — **0** — **0** — **0** — **Excessive Heat**

An afternoon high temperature of 102 degrees was observed at Dannelly Field in Montgomery. This temperature tied the previous record high temperature.

ALZ044 — **Montgomery**

18 — **1500CST** — **0** — **0** — **0** — **0** — **Excessive Heat**

An afternoon high temperature of 100 degrees was measured at Dannelly Field in Montgomery. This temperature tied the previous record high temperature.

ALZ006 — **Madison**

19 — **1500CST** — **0** — **0** — **0** — **0** — **Excessive Heat**

An afternoon high temperature of 99 degrees was observed at the Huntsville International Airport. This temperature tied the previous record high temperature.

ALZ024 — **Jefferson**

19 — **1500CST** — **0** — **0** — **0** — **0** — **Excessive Heat**

A new record high temperature of 103 degrees was observed at the Birmingham International Airport.

ALZ044 — **Montgomery**

19 — **1500CST** — **0** — **0** — **0** — **0** — **Excessive Heat**

An afternoon high temperature of 101 degrees was observed at Dannelly Field in Montgomery. This tied the previous record high temperature.

Sumter County

Livingston — **20** — **1350CST** — **0** — **0** — **0** — **0** — **Hail (0.88)**

Dime to nickel size hail was reported in Livingston, York, and Boyd.

Sumter County

Livingston — **20** — **1350CST** — **0** — **0** — **20K** — **0** — **Thunderstorm Wind (G55)**

A tree was blown down onto a home in York.

Sumter County

Bellamy — **20** — **1415CST** — **0** — **0** — **0** — **0** — **Hail (0.75)**

Dime size hail was reported in Bellamy.

Sumter County

Boyd — **20** — **1437CST** — **0** — **0** — **2K** — **0** — **Thunderstorm Wind (G55)**

A few trees were knocked down near Boyd.

Sumter County

Panola — **20** — **1457CST** — **0** — **0** — **0** — **0** — **Hail (0.75)**

Dime size hail was reported in Panola.

Lauderdale County

Countywide — **20** — **1445CST** — **1540CST** — **0** — **1** — **75K** — **0** — **Thunderstorm Wind (G65)**

A line of severe thunderstorms moved across Lauderdale County causing widespread damage. Numerous trees and power lines were blown down, golf ball size hail fell in the McGee Town community northwest of Florence, several trees were knocked over onto vehicles or homes, a few homes sustained shingle damage, a few small fires were attributed to lightning strikes, and at least 6000 residents were without power for several hours. A man from Florence received minor injuries when a large tree limb snapped off and pinned him to the ground. He sustained many bruises and a hernia. Some of the towns that received damage were Waterloo, Cloverdale, Oakland, Petersville, Florence, St. Florian, Greenhill, Killen, Lexington, Elgin, and Rogersville.

Colbert County

Countywide — **20** — **1445CST** — **1535CST** — **0** — **0** — **50K** — **0** — **Thunderstorm Wind (G65)**

A line of severe thunderstorms rolled across Colbert County causing scattered damage throughout the county. Trees and power lines were blown down in several locations, and a few of the downed trees fell onto cars and homes. A few reports of small hail were also received. There were no reports of any injuries.

Pickens County

Countywide — **20** — **1456CST** — **1621CST** — **0** — **0** — **5K** — **0** — **Thunderstorm Wind (G55)**

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

ALABAMA, North Central

Several trees were knocked down throughout the county. No one area had any concentrated damage, but trees were reported down throughout the county with the highest number just west of Aliceville.

ALZ024 **Jefferson**

20 1500CST 0 0 0 0 Excessive Heat

An afternoon high temperature of 100 degrees was measured at the Birmingham International Airport. This temperature tied the previous record high temperature.

ALZ044 **Montgomery**

20 1500CST 0 0 0 0 Excessive Heat

An afternoon high temperature of 104 degrees was measured at Dannelly Field in Montgomery. This tied the previous record high temperature.

Tuscaloosa County

Countywide 20 1515CST 0 0 150K 0 Thunderstorm Wind (G65)
1650CST

Isolated severe thunderstorms merged with a line of severe thunderstorms over Tuscaloosa County. These storms caused widespread damage across the county. Numerous trees and power lines were blown down throughout the county. Several vehicles were destroyed in Tuscaloosa when a couple of large signs fell on them. Additional vehicles were destroyed when trees fell on them. Dozens of homes and businesses received minor to major damage ranging from shingle damage to roof removal. Dime to golf ball size hail was also reported during this event. Alabama Power Company reported that at least 16,000 customers were without power for several hours. No injury reports were received.

Franklin County

Countywide 20 1525CST 0 0 10K 0 Thunderstorm Wind (G60)
1540CST

A line of severe thunderstorms rolled across Colbert County causing scattered damage throughout the county. Trees and power lines were blown down in several locations, and a few of the downed trees fell onto cars and homes. A few reports of small hail were also received. There were no reports of any injuries.

Lawrence County

Countywide 20 1530CST 0 1 75K 0 Thunderstorm Wind (G65)
1558CST

Numerous trees and power lines were knocked down throughout the county. Several trees were blown onto homes causing major damage. Dime size hail was reported in a few locations. In Langtown just north of Moulton at 1538 CST, a woman was blown off the front porch of her home. She was subsequently hospitalized with a broken arm.

Marion County

Countywide 20 1530CST 0 0 15K 0 Thunderstorm Wind (G60)
1600CST

Numerous trees and power lines were blown down countywide.

Lamar County

Countywide 20 1534CST 0 0 30K 0 Thunderstorm Wind (G60)
1613CST

Numerous trees and power lines were blown down across Lamar County. Several trees that were knocked down landed on homes. No injuries were reported.

Limestone County

Countywide 20 1540CST 0 0 75K 0 Thunderstorm Wind (G65)
1610CST

A line of thunderstorms with damaging wind moved through Limestone County. Numerous trees and power lines were blown down throughout the county. A roof was partially torn off a doctors building in Athens and several others buildings in the area received minor damage. Several large signs and a few gas stations were damaged.

Morgan County

Countywide 20 1550CST 0 0 30K 0 Thunderstorm Wind (G60)
1622CST

Numerous trees and power lines were knocked down countywide. A few of the downed trees landed on vehicles.

Winston County

Countywide 20 1555CST 0 0 70K 0 Thunderstorm Wind (G65)
1620CST

Numerous trees and power lines were knocked down across the county. A few chicken houses had significant roof damage. In Arley, the post office had shingles blown off the roof, and several commercial buildings suffered minor roof damage. In Lynn, a mobile home was rolled over and significantly damaged.

Fayette County

Countywide 20 1555CST 0 0 10K 0 Thunderstorm Wind (G55)
1640CST

Numerous trees and power lines were knocked down across Fayette County. Dime to quarter size hail was reported with these storms. A few outbuildings were destroyed.

Madison County

Countywide 20 1600CST 0 2 40K 0 Thunderstorm Wind (G65)
1635CST

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

ALABAMA, North Central

Numerous trees and power lines were blown down throughout the county. At least 40,000 customers were without power for several hours. In Huntsville, a man fell into a rain swollen creek and was swept away. The swift water rescue squad saved the man with only minor injuries. At the NASA Space Flight Center in Huntsville, a young boy was injured when a tree fell on him.

Cullman County

Countywide	**20**	**1605CST** **1700CST**		**0**	**0**	**70K**	**0**	**Thunderstorm Wind (G65)**

Numerous trees and power lines were blown down across the county. Several dime size hail reports were received. A few homes sustained structural damage in the city of Cullman. One tree fell on a mobile home in Bremen completely destroying it. Several chicken houses lost roofs in Bethel and Logan. A steeple was blown off a church in Hanceville. A few large signs fell in the southern part of the city of Cullman.

Elmore County

Millbrook	**20**	**1605CST**		**0**	**0**	**0**	**0**	**Hail (0.75)**

Elmore County

Millbrook	**20**	**1605CST**		**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G55)**

Trees and power lines were blown down on SR 14 near Millbrook. Dime to nickel size hail was also reported in the area.

Perry County

Sprott	**20**	**1610CST**		**0**	**0**	**0**	**0**	**Hail (0.88)**

Nickel size hail fell in northeastern Perry County near Oakmulgee.

Walker County

Countywide	**20**	**1613CST** **1655CST**		**0**	**0**	**60K**	**0**	**Thunderstorm Wind (G65)**

Numerous trees and power lines were knocked down across the county. The main area affected was from Carbon Hill to Jasper and northward. Several trees fell onto vehicles destroying them. Minor damage was sustained on several homes and businesses. In Jasper, a fire was started by downed power lines that caused major damage to the Farmstead Animal Clinic. Several other reports of small fires were received causing minor damage. Alabama Power Company reported at least 29,000 customers without power for several hours.

Jackson County

Countywide	**20**	**1620CST** **1710CST**		**0**	**1**	**25K**	**0**	**Thunderstorm Wind (G60)**

Numerous trees and power lines were knocked down throughout the county. Near Scottsboro, a woman suffered minor injuries when a Bradford Pear tree broke and fell on her as she walked from her house to her car. Several locations reported roads blocked by fallen trees, and many customers were without power for several hours.

Marshall County

Countywide	**20**	**1620CST** **1705CST**		**0**	**0**	**70K**	**0**	**Thunderstorm Wind (G65)**

Numerous trees and power lines were blown down across the county. One resident in Guntersville reported that 32 chicken pens were picked up and tossed down the road. One church in Arab sustained major damage when two of its walls collapsed. Several trees were blown down onto homes and automobiles causing major damage. Large waves caused by the wind capsized a boat on Browns Creek. The men in the boat were rescued uninjured. Several boat houses had their roofs removed on Lake Guntersville.

Jefferson County

Countywide	**20**	**1628CST** **1735CST**		**0**	**0**	**65K**	**0**	**Flash Flood**

Jefferson County

Countywide	**20**	**1628CST** **1735CST**		**0**	**0**	**45K**	**0**	**Thunderstorm Wind (G60)**

Jefferson County

Birmingham	**20**	**1640CST**		**0**	**0**	**0**	**0**	**Hail (0.75)**

Numerous trees and power lines were blown down across the entire county. Several vehicles were destroyed by the downed trees. Many businesses and homes were also damaged by the trees. Alabama Power estimated that 90,000 customers were without power for an extended period of time. A few reports were received of dime size hail during the storms. Numerous roads and low lying regions throughout the Birmingham Metro area were temporarily flooded. Many vehicles were stranded in the high water. No injuries were reported.

Bibb County

Six Mile	**20**	**1630CST** **1710CST**		**0**	**0**	**5K**	**0**	**Thunderstorm Wind (G55)**

Numerous trees and power lines were knocked down along SR 25 from Six Mile to the county line.

Shelby County

Countywide	**20**	**1630CST** **1740CST**		**0**	**0**	**70K**	**0**	**Thunderstorm Wind (G60)**

Numerous trees and power lines were knocked down in Shelby County. Several gas stations reported roof damage and gas pumps disabled. Several homes and vehicles were damaged by the downed trees. A few reports were received of dime size hail during these storms.

Storm Data and Unusual Weather Phenomena

July 2000

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

ALABAMA, North Central

Chilton County

Countywide | **20** | **1640CST** | | | **0** | **0** | **25K** | **0** | **Thunderstorm Wind (G60)**
1740CST

Numerous trees and power lines were knocked down throughout Chilton County. A few of the trees landed on vehicles.

Blount County

Countywide | **20** | **1649CST** | | | **0** | **1** | **30K** | **0** | **Thunderstorm Wind (G60)**
1710CST

Numerous trees and power lines were knocked down throughout Blount County. One man was slightly injured when his truck was overturned by the wind along SR 160 between Hayden and Interstate 65. One house caught on fire east of Susan Moore with only minor damage reported. The fire was caused by downed power lines.

Dekalb County

Countywide | **20** | **1657CST** | | | **0** | **0** | **75K** | **0** | **Thunderstorm Wind (G65)**
1730CST

Numerous trees and power lines were knocked down throughout Dekalb County. A few trees fell onto mobile homes causing significant damage. Entire roofs, shingles, shutters, and siding were blown off homes and businesses in Rainsville, Kilpatrick, Ider, Collinsville, Geraldine, Valleyhead, Fyffe, Gilberts Crossroads and Fort Payne. One mobile was overturned in Kilpatrick. A few of the entire roofs landed on parked vehicles demolishing them. Most of the buildings at the Collinsville Trade days were heavily damaged. Fort Payne Fire and Rescue reported a wind gust of 75 mph at 1710. Numerous customers were without power for several hours.

Etowah County

Countywide | **20** | **1705CST** | | | **0** | **0** | **20K** | **0** | **Thunderstorm Wind (G60)** [M]
1740CST

Numerous trees and power lines were blown down across Etowah County. Several homes were severely damaged by fallen trees and many more reported damaged awnings and carports. One tree fell on a mobile home causing major damage. The Emergency Operations Center in Gadsden reported a wind gust of 66 mph at 1725 CST.

Autauga County

Prattville | **20** | **1710CST** | | | **0** | **0** | **0** | **0** | **Hail (0.75)**
1730CST

Dime size hail was reported in the city of Prattville.

Autauga County

Prattville | **20** | **1710CST** | | | **0** | **0** | **15K** | **0** | **Thunderstorm Wind (G58)**

Several trees were also blown down in and around the city. Winds were estimated at 60 to 70 miles an hour. Office Depot on Cobbs Ford Road had a portion of the roof torn off in the high wind. No injuries were reported.

St. Clair County

Countywide | **20** | **1717CST** | | | **0** | **0** | **10K** | **0** | **Thunderstorm Wind (G55)**
1755CST

Several trees and power lines were blown down across the county.

Elmore County

Countywide | **20** | **1720CST** | | | **0** | **0** | **3K** | **0** | **Thunderstorm Wind (G55)**
1755CST

Several trees were knocked down across the county.

Cherokee County

Countywide | **20** | **1730CST** | | | **0** | **0** | **50K** | **0** | **Thunderstorm Wind (G60)**
1755CST

Numerous trees and power lines were knocked down throughout Cherokee County. Several of the downed trees landed on mobile homes or vehicles. One mobile home was totally destroyed on CR 19 south of Centre. No injuries were reported.

Calhoun County

Countywide | **20** | **1730CST** | | | **0** | **0** | **25K** | **0** | **Thunderstorm Wind (G55)**
1830CST

Several trees and power lines were knocked down throughout the entire county.

Talladega County

Countywide | **20** | **1730CST** | | | **0** | **0** | **70K** | **0** | **Thunderstorm Wind (G55)**
1807CST

Numerous trees and power lines were knocked down across the county. Several trees fell onto homes, businesses, and vehicles. There were no reports of any injuries.

Macon County

Countywide | **20** | **1733CST** | | | **0** | **0** | **50K** | **0** | **Thunderstorm Wind (G55)**
1753CST

Several trees and power lines were blown down throughout the county. Some of the trees fell on homes causing damage. One tree was uprooted and it damaged a water main. One home was completely destroyed by fire after a power line ignited a brush fire.

Clay County

Countywide | **20** | **1740CST** | | | **0** | **0** | **40K** | **0** | **Thunderstorm Wind (G60)**
1840CST

Storm Data and Unusual Weather Phenomena

July 2000

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

ALABAMA, North Central

Numerous trees and power lines were blown down countywide. One mobile home lost part of its roof near Millerville. In the southwest part of the county, one home had its front porch removed. One residence in Ashland caught on fire from a lightning strike and sustained major damage. A grass fire was ignited in the Highland Pine area due to a lightning strike. Several vehicles were damaged by falling trees.

Coosa County

Rockford	**20**	**1745CST** **1810CST**	**0**	**0**	**3K**	**0**	**Thunderstorm Wind (G55)**

Trees and power lines were blown down across central Coosa County around Rockford.

Cleburne County

Countywide	**20**	**1750CST** **1825CST**	**0**	**0**	**25K**	**0**	**Thunderstorm Wind (G55)**

Several trees were snapped or uprooted in various locations across the county.

Tallapoosa County

Countywide	**20**	**1800CST** **1830CST**	**0**	**0**	**25K**	**0**	**Thunderstorm Wind (G55)**

Trees and power lines were knocked down across the entire county. Several trees landed on homes causing minor damage.

Chambers County

Countywide	**20**	**1820CST** **1845CST**	**0**	**0**	**25K**	**0**	**Thunderstorm Wind (G55)**

Numerous trees and power lines were blown down throughout Chambers County. Many of the trees fell onto homes and automobiles.

Randolph County

Countywide	**20**	**1825CST** **1855CST**	**0**	**0**	**30K**	**0**	**Thunderstorm Wind (G60)**

Numerous trees and power lines were blown down across the county. The Randolph County EMA reported that the hardest hit areas were around Wadley and near Wedowee.

Lee County

Countywide	**20**	**1855CST** **1915CST**	**0**	**0**	**30K**	**0**	**Thunderstorm Wind (G55)**

Numerous trees and power lines were knocked down across Lee County. Several trees landed on homes and vehicles. Some trees fell onto roadways and this caused several accidents.

Pike County

5 NE Troy	**20**	**1900CST**	**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G55)**

Several trees were knocked down near CR 69 and CR 25.

Dekalb County

Fyffe	**23**	**1050CST**	**0**	**0**	**1K**	**0**	**Hail (1.00)**

Quarter size hail was reported in Fyffe.

Dekalb County

Ft Payne	**23**	**1100CST** **1105CST**	**0**	**0**	**0**	**0**	**Hail (0.75)**

Dime size hail was reported in Fort Payne.

Dekalb County

Ft Payne	**23**	**1100CST** **1105CST**	**0**	**0**	**10K**	**0**	**Thunderstorm Wind (G60)**

Several trees and power lines were blown down in the Pine Ridge community on the north side of Fort Payne. A large sign was knocked down and some slight structural damage occurred in the vicinity of Interstate 59 and US 11.

Lee County

Auburn	**23**	**1300CST**	**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G55)**

Several trees were knocked down in Auburn. A few other trees were blown down in the southern part of the county.

Tallapoosa County

Newsite	**23**	**1530CST**	**0**	**0**	**1K**	**0**	**Thunderstorm Wind (G55)**

Trees and power lines were knocked down and blocked the roadway near New Site. This damage occurred on SR 22 just off of White Circle.

Clay County

Delta	**23**	**1724CST**	**0**	**0**	**0**	**0**	**Hail (0.88)**

Clay County

Delta	**23**	**1724CST**	**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G50)**

Nickel size hail was reported along with a few trees blown down just east of Delta.

Randolph County

9 NW Wedowee	**23**	**1740CST** **1745CST**	**0**	**0**	**8K**	**0**	**Thunderstorm Wind (G55)**

A boat repair shop near Fosters Crossroads had one of its metal buildings destroyed. One wood frame building had minor damage. A few homes had shingles blown off their roofs near CR 82 and CR 7. Several trees and power lines were blown down.

Storm Data and Unusual Weather Phenomena

July 2000

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
ALABAMA, North Central									
Randolph County									
12 NNW Wedowee	**23**	**1745CST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Dime size hail was reported near Corinth in northwest Randolph County. There were numerous reports that the storm was rotating.									
Randolph County									
Wedowee	**23**	**1805CST**			**0**	**0**	**6K**	**0**	**Hail (1.75)**
Golf ball size hail fell just north of Wedowee along old US 431.									
Randolph County									
5 NNE Woodland	**23**	**1817CST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G55)**
Several trees were blown down in the northeast part of Randolph County.									
ALZ006	**Madison**								
	24	**0400CST**			**0**	**0**	**0**	**0**	**Extreme Cold**
A new record low temperature of 62 degrees was measured at the Huntsville International Airport.									
ALZ006	**Madison**								
	25	**0400CST**			**0**	**0**	**0**	**0**	**Extreme Cold**
A new record low temperature of 63 degrees was measured at the Huntsville International Airport.									
Marshall County									
Arab	**26**	**1457CST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Dime size hail and 45 mile an hour wind was reported in Arab.									
Cullman County									
Joppa	**26**	**1510CST**			**0**	**0**	**1K**	**0**	**Thunderstorm Wind (G50)**
Several trees were blown down near Joppa.									
Fayette County									
Fayette	**26**	**1515CST**			**0**	**0**	**3K**	**0**	**Thunderstorm Wind (G50)**
Several trees were knocked down in the southwest part of the city of Fayette.									
Jefferson County									
Birmingham Arpt	**26**	**1516CST**			**0**	**0**	**30K**	**0**	**Thunderstorm Wind (G50)** [M]
The Birmingham International Airport observation reported a 50 knot wind gust at 2116 GMT. The roof of the Pemco Aeroplex Building at the airport was totally torn off, and it destroyed 6 telephone poles in the process. Two airplanes owned by the Ratheon Corporation were pushed sideways on the runway and two airplanes in a hangar were slightly damaged when the doors blew in.									
Jefferson County									
Tarrant	**26**	**1531CST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Dime size hail fell about 5 miles north of the Birmingham International Airport near Tarrant.									
Jefferson County									
Tarrant	**26**	**1540CST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G55)**
Several trees were blown down in and around the city of Tarrant.									
Franklin County									
Russellville	**27**	**1540CST**			**0**	**0**	**0**	**0**	**Hail (0.88)**
Franklin County									
Russellville	**27**	**1540CST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G50)**
Several trees and power lines were blown down in Russellville. Dime to nickel size hail was also reported with this storm.									
Winston County									
Haleyville	**27**	**1600CST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G50)**
A few trees were blown down that subsequently knocked power lines down in the Haleyville area.									
Dekalb County									
Valley Head	**27**	**1635CST**			**0**	**0**	**5K**	**0**	**Thunderstorm Wind (G60)**
A Chevron gas station had its roof blown off.									
Cullman County									
Hanceville	**27**	**1745CST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G50)**
Several trees were knocked down near the city of Hanceville along CR 569. The storm also produced pea sized hail.									
Bullock County									
5 SW Midway	**29**	**1545CST**			**0**	**0**	**125K**	**0**	**Thunderstorm Wind (G60)**
A microburst caused significant damage to The Triple M Quail Farm on CR 14. The wind destroyed three quail houses and damaged another. One tractor sustained damage when the roof of a building landed on it. 8500 quail were killed. The time was estimated.									
Randolph County									
Woodland	**30**	**2255CST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Dime size hail was reported near Woodland.									
Jefferson County									
Homewood	**31**	**1530CST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G50)**
Several trees and power lines were blown down in Homewood near the intersection of Oxmoor Road and Lakeshore Drive.									
Walker County									
Carbon Hill to Manchester	**31**	**1725CST 1745CST**			**0**	**0**	**7K**	**0**	**Thunderstorm Wind (G55)**

Storm Data and Unusual Weather Phenomena

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

ALABAMA, North Central

Numerous trees and power lines were knocked down from near Carbon Hill to near Manchester. Some minor roof damage was reported in Carbon Hill.

ALABAMA, Southeast

Houston County

Gordon 11 1500EST 0 0 5K **Thunderstorm Wind**

A trailer's roof was blown off at the Pleasant Hill Church. Reported by a WDHN-TV meteorologist.

Houston County

Pansey 11 1500EST 0 0 30K **Thunderstorm Wind**

Several trees down. Three buildings and a fire station were damaged. Reported by the Houston County EMA.

Henry County

Abbeville 12 1405EST 0 0 50K **Thunderstorm Wind**
1415EST

Numerous downed trees and power lines on County Roads 107, 65, and 95 just east and south of Abbeville. Two barns destroyed just south of Abbeville. Power outages in Abbeville. Reported by the Henry County EMA.

Houston County

Countywide 12 1415EST 0 0 10K **Thunderstorm Wind**
1420EST

Scattered downed trees and power lines in Kinsey and Webb. A roof was blown off a trailer in Kinsey. Reported by the Houston County EMA.

Coffee County

Kinston 21 1500EST 0 0 **Hail (1.00)**

Quarter size hail. Reported by the Coffee County EMA.

Coffee County

Kinston 21 1500EST 0 0 100K **Thunderstorm Wind**

Two race track buildings and two sheds were damaged. One road was blocked by fallen trees. Reported by the Coffee County EMA.

Dale County

Southeast Portion 23 1440EST 0 0 25K **Thunderstorm Wind**

A 25' X 25' metal building was destroyed and several trees were down off U.S. Highway 27 north of State Road 54. Reported by the Dale County EMA.

Dale County

Ariton 30 1340EST 0 0 5K **Thunderstorm Wind**
1355EST

Several large trees and power lines down in Ariton and on State Road 51 near Ariton. Winds were estimated near 60 mph. Reported by Ariton Police.

ALABAMA, Southwest

ALZ039-051>064 **Marengo - Choctaw - Washington - Clarke - Wilcox - Monroe - Conecuh - Butler - Crenshaw - Escambia - Covington - Upper Mobile - Upper Baldwin - Lower Mobile - Lower Baldwin**

01 0001CST 0 0 **Excessive Heat**
31 2359CST

July was hot and dry across most of south Alabama. The temperature was 100 degrees or higher five days during the month in Mobile. The average temperature for the month in Mobile was 84.3 degrees which was the eighth warmest July for the area. The highest temperature in Mobile during the month was 102 degrees. Other locations were also hot. In Andalusia the temperature was 100 degrees or higher eleven days during the month with the hottest being 103 degrees. In Butler the temperature was 100 degrees or higher also eleven days during the month with the hottest being 104 degrees. In Camden the temperature was 100 degrees or higher thirteen days during the month with the hottest being 105 degrees. In Chatom the temperature was 100 degrees or higher nine days during the month with the hottest being 106 degrees. In Greenville the temperature was 100 degrees or higher ten days during the month with the hottest being 104 degrees. In Highland Home the temperature was 100 degrees or higher five days during the month with the hottest being 103 degrees. In addition to being a hot month, it was also dry. In the Mobile area the monthly rainfall was almost three inches below the normal for July. So far this year the Mobile area is almost sixteen inches below normal.

Covington County

Gantt 08 1540CST 0 0 7K **Thunderstorm Wind (G55)**
1542CST

Thunderstorm winds blew down several trees and also caused minor damage to a mobile home.

Mobile County

Mobile 11 1548CST 0 0 **Hail (0.75)**
1555CST

A thunderstorm produced dime sized hail near the campus of the University of South Alabama.

Conecuh County

Castleberry 11 1715CST 0 0 10K **Thunderstorm Wind (G55)**
1720CST

A restaurant, near the intersection of Highway 31 and County Road 6, was damaged by fallen trees as thunderstorms moved through the area.

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

ALABAMA, Southwest

Escambia County

Canoe 11 1730CST 1735CST 0 0 **Hail (0.75)**

Dime sized hail was reported in the community.

Washington County

Leroy 11 1745CST 1750CST 0 0 15K **Thunderstorm Wind (G60)**

Trees and numerous tree limbs were blown down as a thunderstorm moved through the St. Stephens Park area near Leroy. In addition, some outbuildings in the area were damaged or destroyed, and some awnings were blown off of some campers as well.

ALZ061-063 **Upper Mobile - Lower Mobile**

14 1100CST 2 0 **Excessive Heat**

21 1700CST

Near record breaking high temperatures around 100 degrees, combined with high relative humidities, resulted in afternoon heat indices between 105 and 115 degrees from July 13th through July 21st. Nighttime low temperatures also remained warm through the period, only falling to the mid to upper 70s. These conditions resulted in the heat related deaths of two elderly females at separate locations in the Mobile area. One death occurred on July 14, the other on July 21st. The homes in which the women lived had neither air conditioning nor ample ventilation. F69PH, F83PH

Choctaw County

Butler to Toxey 16 1400CST 1410CST 0 0 7K **Thunderstorm Wind (G60)**

Several trees and power lines were blown down along SR 17 between Toxey and Butler.

Mobile County

Citronelle 16 1450CST 1455CST 0 0 5K **Thunderstorm Wind (G55)**

Trees were reported blown down by thunderstorm winds just to the north of Citronelle.

Mobile County

Mobile 16 1555CST 1605CST 0 0 40K **Thunderstorm Wind (G75)**

High thunderstorm winds produced roof and structural damage to several apartments in the west Mobile area. A section of the roof on the Lafeyette Square apartments was lifted off the building. The Grand Valley Apartment complex, in the same general location, also sustained wind damage. Various damage was also reported in the Tillmans Corner area.

Clarke County

Jackson 19 1400CST 1405CST 0 0 8K **Thunderstorm Wind (G60)**

Power poles and power lines were blown down as a result of high thunderstorm winds.

Clarke County

Alma 19 1405CST 1410CST 0 0 **Hail (0.88)**

Nickle sized hail was reported as a thunderstorm moved through the community.

Choctaw County

Gilbertown 20 1400CST 1410CST 0 0 10K **Thunderstorm Wind (G65)**

High thunderstorm winds downed trees southwest of the community and also peeled sections off the roof of a barn.

Marengo County

Demopolis 20 1445CST 1450CST 0 0 **Thunderstorm Wind (G55)**

A radio station in the community estimated thunderstorm winds of 55 to 60 mph.

Marengo County

Demopolis 20 1455CST 1457CST 0 2 10K **Thunderstorm Wind (G60)**

Trees were reported down in the community, and a store in the community received roof damage as a result of high thunderstorm winds. Two people received minor injuries at the store.

Clarke County

Jackson 20 1520CST 1525CST 0 0 5K **Thunderstorm Wind (G55)**

Winds from a thunderstorm blew down trees near the community.

Choctaw County

Butler 20 1525CST 1530CST 0 0 10K **Thunderstorm Wind (G55)**

Trees and power lines were reported down just south of the community.

Covington County

Andalusia 20 1545CST 1550CST 0 0 **Hail (0.88)**

Thunderstorm produced hail to the size of nickels south of the community.

Storm Data and Unusual Weather Phenomena

July 2000

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
ALABAMA, Southwest									
Covington County									
Red Level	**20**	**1610CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G60)**
		1615CST							
Thunderstorm winds blew down trees south of the community.									
Butler County									
Greenville	**20**	**1715CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1720CST							
Trees were blown down by high thunderstorm winds southeast of the community.									
Crenshaw County									
Luverne	**20**	**1725CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1730CST							
Trees were blown down by high winds near Luverne.									
Escambia County									
Atmore	**20**	**1800CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1805CST							
Trees were blown down by high winds near the community.									
Baldwin County									
Rosinton	**21**	**1220CST**			**0**	**0**			**Hail (1.00)**
		1225CST							
Baldwin County									
Rosinton	**21**	**1220CST**			**0**	**0**	**7K**		**Thunderstorm Wind (G60)**
		1225CST							
Quarter size hail covered the ground and high winds blew a billboard sign and large limbs down along I-10 near the Wilcox Road exit.									
Covington County									
Opp to Andalusia	**21**	**1335CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G60)**
		1345CST							
Several trees blown down around Opp, Andalusia and near Heath.									
Baldwin County									
Bay Minette	**21**	**1345CST**			**0**	**0**	**8K**		**Thunderstorm Wind (G70)**
		1347CST							
Several trees and power lines blown down just west of the community.									
Mobile County									
Irvington	**21**	**1400CST**			**0**	**0**	**15K**		**Thunderstorm Wind (G70)**
		1403CST							
Trees and power lines were blown down by high winds and a barn destroyed near the community. Also, a house trailer was damaged.									
Baldwin County									
Silverhill to Bay Minette	**21**	**1455CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G70)**
		1457CST							
Several trees and power lines blown down just north of Silverhill and near Bay Minette.									
Mobile County									
Mobile	**21**	**1515CST**			**0**	**0**	**5K**		**Lightning**
Lightning struck a home and caused a minor fire.									
Mobile County									
Gulf Crest	**22**	**1242CST**			**0**	**0**			**Hail (0.88)**
		1244CST							
Mobile County									
Gulf Crest	**22**	**1242CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1244CST							
Several trees were blown down by high winds. Nickel size hail was also reported.									
Mobile County									
Tillmans Corner	**22**	**1355CST**			**0**	**0**			**Hail (0.75)**
		1357CST							
Mobile County									
Tillmans Corner	**22**	**1355CST**			**0**	**0**	**6K**		**Thunderstorm Wind (G55)**
		1357CST							
Dime size hail was reported near Tillmans Corner and a sign was blown down near mile marker 32 on I-10.									
Mobile County									
Theodore	**22**	**1430CST**			**0**	**0**			**Hail (0.75)**
		1435CST							
Mobile County									
Theodore	**22**	**1430CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1435CST							

Storm Data and Unusual Weather Phenomena

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

ALABAMA, Southwest

Thunderstorms produced winds which downed tree limbs and power lines near Theodore. Dime sized hail was also reported.

Covington County

Opp	**22**	**1445CST**			**0**	**0**	**20K**	**Thunderstorm Wind (G85)**
		1455CST						

Severe thunderstorms downed numerous trees and power lines in and around the Opp area. Several stores in a shopping center in the Opp area had their roofs torn off by the high thunderstorm winds.

Escambia County

Brewton	**22**	**1500CST**			**0**	**0**	**5K**	**Thunderstorm Wind (G55)**
		1505CST						

High thunderstorm winds downed trees and power lines near the community.

Mobile County

Bayou La Batre	**22**	**1500CST**			**0**	**0**	**5K**	**Thunderstorm Wind (G55)**
		1502CST						

High thunderstorm winds blew down trees and power lines.

ALZ063 **Lower Mobile**

	22	**1515CST**			**0**	**0**		**High Wind (G70)**
		1545CST						

A thunderstorm with high winds moved over the coastal waters just south of Dauphin Island. The storm was moving south and occurred during a fishing rodeo. A special marine warning was issued at least an hour before the storm moved over the water, but many of the people fishing wanted to stay out just a while longer. As the storm moved over the water, many of the boaters were caught offshore and had to run aground to get out of the high winds and seas. Some of the boaters estimated wind speeds of 60 to 70 knots with 6 to 8 foot waves. Buoys in the area only measured wind speeds of 35 knots so the storm covered a small area. No major injuries were reported although the Coast Guard had to rescue several stranded fishermen.

Mobile County

Mobile	**22**	**1530CST**			**0**	**0**	**100K**	**Lightning**

Lightning struck a tree next to a house and ran in through the trees root system into the home. The strike started a fire inside the home. No one was home and the home suffered major fire damage.

Washington County

Wagarville	**26**	**1620CST**			**0**	**0**	**5K**	**Thunderstorm Wind (G55)**
		1625CST						

Trees and power lines were blown down near the community.

Clarke County

Thomasville	**26**	**1650CST**			**0**	**0**	**5K**	**Thunderstorm Wind (G55)**
		1655CST						

Trees and power lines were blown down south of the community.

Clarke County

Thomasville	**27**	**1650CST**			**0**	**0**	**7K**	**Thunderstorm Wind (G60)**
		1655CST						

High thunderstorm winds downed trees near the community.

Washington County

Wagarville	**30**	**1705CST**			**0**	**0**	**5K**	**Thunderstorm Wind (G60)**
		1707CST						

Trees and power lines were blown down near Wagarville.

ALASKA, Northern

Upper Yukon Valley

Chicken	**11**	**0000AST**			**0**	**0**		**Flood**
	13	**1100AST**						

Heavy Rain over the Fortymile country of the Southeastern Upper Yukon Valley produced high water on creeks flowing under the Taylor highway, which links the city to Tok to the Village of Eagle. Water over the road occurred at places between 35 to mile 49, and at mile 76 Wade Creek overflowed creating a washout of the road occurred, with the State Departement of Transportation able to keep only one lane open at this spot .

Tanana Valley

Big Delta	**11**	**0200AST**			**0**	**0**		**Flash Flood**
	12	**0200AST**						

Heavy Rains in the central Alaska Range during the night of July 10 caused Onemile creek to flood, clogging the bridge on the Richardson highway with rock, mud, and debris, and buried nearly a quarter-mile of roadway under two feet of muck. Onemile Creek is approximately 40 miles south of Big Delta (Delta Junction).

ALASKA, Southeast

Cp Fairweather To Cp Suckling

Yakutat	**12**	**1330AST**			**0**	**0**		**Urban/Sml Stream Fld**
	13	**0325AST**						

Minor flooding of low-lying areas and significant erosion along dirt roadways occurred when about 2 inches of rain fell over the Yakutat area in less than 12 hours.

Storm Data and Unusual Weather Phenomena

July 2000

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
ALASKA, Southeast									
S. Se. Ak Ernest Snd To Dixon									
Ketchikan	**24**	**1600AST**			**0**	**0**			**Urban/Sml Stream Fld**
		2200AST							
	A couple of basements were flooded along Water Street, several small creeks flowed over-bank, and considerable ponding of water in low-lying areas took place after record-breaking rains fell in Ketchikan. The airport received over 4 inches (4.35) in 24 hours.								
AKZ025	**Juneau Borough-Admiralty Island-Icy Strait Area**								
	26	**0930AST**			**0**	**0**			**Flood**
	27	**0930AST**							
	The annual release of a glacial lake encompassed by the Tulsequah Glacier created unusually high flows and minor flooding conditions along the Taku River south of Juneau. The Taku River is used mainly for recreation and tourism during the summer, and there was no known damage to any of the cabins or other structures along its shores.								
ALASKA, Southern									
AKZ020									
	23	**1800AST**			**0**	**0**			**High Wind (G56) M**
		1900AST							
	Pre-frontal, south and southwest winds locally gusted as high as 64 mph at the Captain's Bay mesonet site, located just west of the Dutch Harbor airport.								
AMERICAN SAMOA									
ASZ003	**Manu'A**								
	27	**1400SST**			**0**	**0**	**0**	**50K**	**High Wind (G44) M**
	29	**0600SST**							
	The high winds were generated by a strong high pressure far south of the islands. The enhanched trades were mostly between 20-30 knots across the territory with highest peak gust of 44 kt recorded at Ofu, Manua on the 28th. The highest peak gust recorded at the Airport at Tafuna was 32 knots. The southeasterly trades also brought nice and cool weather across the territory. Damages were mainly to crops such as banana and breadfruits.								
ARIZONA, Central and Northeast									
Gila County									
Young	**10**	**1500MST**			**0**	**0**			**Wild/Forest Fire**
	13	**1800MST**							
	The Tanner Fire was caused by lightning on July 10 about 20 miles south of Young. The fire was contained on July 13 after 316 acres had burned.								
Navajo County									
Carrizo	**22**	**1400MST**			**0**	**0**			**Wild/Forest Fire**
	31	**2359MST**							
	Lightning ingited the Cibecue Ridge/Ridge Fire about 5 miles northwest of Carrizo on July 22. Irratic wind, steep terrain, and extreme fire behavior (flame lengths of nearly 300 feet!) complicated fire fighting efforts. The fire was contained on August 4 after 8690 acers burned. About 520 people were involved in the firefightnig efforts.								
Gila County									
Payson	**22**	**1500MST**			**0**	**0**			**Wild/Forest Fire**
	29	**1800MST**							
	The Mogollon Fire was caused by lightning about 10 miles northeast of Payson on July 22. The fire burned about 190 acres before it was contained on July 29. About 50 people helped put out the fire at a cost of $65,000.								
Yavapai County									
Camp Verde	**22**	**1645MST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Yavapai County officials reported that thunderstorm wind had knocked down power lines.								
Yavapai County									
Prescott	**23**	**1049MST**			**0**	**0**			**Hail (0.75)**
		1053MST							
	A weather spotter reported 3/4 inch hail and heavy rain on the south end of Prescott.								
Yavapai County									
Prescott	**23**	**1250MST**			**0**	**0**			**Hail (1.00)**
	Yavapai County Sheriff reported one inch hail in Prescott.								
Yavapai County									
Prescott	**23**	**1310MST**			**0**	**0**			**Hail (0.88)**
	Public report of nickel sized hail.								
Yavapai County									
Prescott	**23**	**1250MST**			**0**	**0**			**Hail (1.00)**
	Sheriff's office reported quarter sized hail.								
Yavapai County									
Prescott	**23**	**1310MST**			**0**	**0**			**Flood**
	Public report of street flooding in Prescott and Granite Creek nearly out of it's banks.								

Storm Data and Unusual Weather Phenomena

July 2000

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
ARIZONA, Central and Northeast									
Yavapai County									
Camp Verde	**23**	**1620MST**			**0**	**0**			**Hail (0.88)**
		1625MST							
Storm spotter reported dime to nickel sized hail and wind gusts to 35 mph.									
Coconino County									
Bellemont	**24**	**1400MST**			**0**	**0**			**Wild/Forest Fire**
	27	**1800MST**							
Lightning started a forest fire about 3 miles north of Bellemont (10 miles northwest of Flagstaff) on July 24. The Pipe Fire burned 600 acers of dense ponderosa pine. Air tankers, helicopters, and about 300 people contained the fire by the evening of July 27.									
Coconino County									
Winona	**24**	**1500MST**			**0**	**0**			**Wild/Forest Fire**
	27	**1800MST**							
Lightning started a forest fire about 3 miles north of Winona (16 miles east of Flagstaff) on July 24. The Power Fire burned about 1500 acers in pinyon and juniper trees and grassland. Air tankers, helicopters, and about 70 people contained the fire by the evening of July 27.									
Navajo County									
Heber	**31**	**1735MST**			**0**	**0**			**Hail (1.00)**
Spotter in Forest Lakes (12 miles southwest of Heber in Coconino county) reported quarter sized hail that lasted 3-4 minutes and covered the ground.									
ARIZONA, Northwest									
NONE REPORTED.									
ARIZONA, South									
Santa Cruz County									
Rio Rico	**02**	**1545MST**			**0**	**0**			**Flash Flood**
		1620MST							
Streets impassable. Several people stranded in city park.									
Pima County									
15 E Tucson	**22**	**2100MST**			**0**	**0**	**75K**		**Thunderstorm Wind (G55)**
6 power poles snapped in remote area on east side of Tucson. Power out in some areas for 36 hours.									
Pima County									
15 NE Tucson to	**22**	**2130MST**			**0**	**0**	**20K**		**Flash Flood**
10 N Tucson		**2245MST**							
Several cars stranded in low water crossing. Many streets flooded and impassable in Tucson foothills north and northeast of town.									
Pima County									
Tucson	**27**	**1917MST**			**0**	**0**	**100K**		**Thunderstorm Wind (G55)**
9 power poles toppled on south side of Tucson.									
Pima County									
Tucson	**27**	**2000MST**			**0**	**0**			**Flash Flood**
		2030MST							
Streets flooded and impassable on south side of Tucson.									
Cochise County									
Douglas	**28**	**1300MST**			**0**	**2**			**Lightning**
2 boys, age 13 years, injured by lightning strike.									
AZZ035	**Cochise County**								
	29	**1900MST**			**0**	**0**			**Dust Storm**
Wind gust to 60 mph and 1/4 mile visibility in blowing dust at the Safford Airport.									
ARIZONA, Southwest									
Gila County									
5 NE Globe	**22**	**1828MST**			**0**	**0**			**Hail (1.00)**
		1855MST							
Gila County									
8 S Globe	**30**	**1200MST**			**0**	**0**			**Wild/Forest Fire**
	31	**2359MST**							
The lightning-started "Peak Fire" burned a total of 2,310 acres of the Tonto National Forest. Numerous communications towers were threatened but none was damaged. The fire was contained on August 28.									
Pinal County									
Coolidge	**30**	**2030MST**			**0**	**0**	**5K**		**Thunderstorm Wind (G60)**
Winds damaged the roof of a trailer.									
Pinal County									
Coolidge	**30**	**2110MST**			**0**	**0**			**Thunderstorm Wind (G60)**
Railroad crossing arm damaged by high winds.									

Storm Data and Unusual Weather Phenomena

July 2000

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
ARIZONA, Southwest									
Maricopa County									
Mesa to Phoenix	**30**	**2328MST 2345MST**			**0**	**0**			**Thunderstorm Wind (G65)**
Winds blew down about 13 power poles along Greenfield Road in East Mesa. As many as 20,000 homes lost power from this storm. At about the same time, a couple poles were blown down in Scottsdale. Spotters in Phoenix also reported minor roof damage. The Arizona Division of Emergency Management reported several windows in cars were damaged, as well as an awning at the headquarters at the Papago Military Reservation.									
ARKANSAS, Central and North Central									
ARZ044	**Pulaski**								
	08	**1500CST**			**1**	**0**			**Excessive Heat**
Excessive heat claimed the life of an elderly woman in Little Rock. The woman was found in her home on a very hot afternoon. There was no air conditioner in the home, and only a fan to keep her cool. F72PH									
Arkansas County									
De Witt	**17**	**1410CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed trees at DeWitt.									
Sharp County									
Williford	**18**	**1455CST**			**0**	**0**			**Hail (0.75)**
Independence County									
Newark	**19**	**1855CST**			**0**	**0**			**Hail (0.88)**
Independence County									
Oil Trough	**19**	**1915CST**			**0**	**0**			**Hail (1.25)**
Boone County									
Harrison Arpt	**20**	**0828CST**			**0**	**0**			**Thunderstorm Wind (G60) M**
Thunderstorm winds gusted to 69 mph at the Harrison Airport.									
Boone County									
Harrison	**20**	**0830CST**			**0**	**0**			**Thunderstorm Wind (G70)**
Thunderstorm winds were estimated around 80 mph at Harrison. Numerous trees were downed, with a chicken house destroyed near town.									
Boone County									
Lead Hill	**20**	**0830CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed trees and power lines at Lead Hill.									
Newton County									
5 NE Jasper	**20**	**0920CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds knocked down a few trees about 5 miles northeast of Jasper.									
Searcy County									
Morning Star	**20**	**0920CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed trees at Morning Star.									
Searcy County									
St Joe	**20**	**0920CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds caused some roof damage at St. Joe.									
Johnson County									
Clarksville	**20**	**0930CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed a few trees at Clarksville.									
Baxter County									
2 E Mountain Home	**20**	**0933CST**			**0**	**0**			**Hail (1.00)**
Quarter size hail covered the ground about 2 miles east of Mountain Home.									
Logan County									
Magazine	**20**	**0945CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed trees and power lines at Magazine.									
Pope County									
Russellville	**20**	**0945CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Thunderstorm winds were estimated around 60 mph at Russellville.									
Fulton County									
Byron	**20**	**0950CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds knocked down some trees near Byron.									
Yell County									
6 W Havana to Havana	**20**	**0950CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds knocked down several trees and damaged chicken house roofs from 6 miles west of Havana to Havana.									
Marion County									
Bull Shoals	**20**	**0955CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds knocked down some trees at Bull Shoals.									

Storm Data and Unusual Weather Phenomena

July 2000

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ARKANSAS, Central and North Central									
Marion County									
Pyatt	**20**	**0955CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed trees at Pyatt.									
Yell County									
Countywide	**20**	**0956CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds knocked down trees and power lines in several parts of Yell County.									
Stone County									
2 E Mountain View	**20**	**1000CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds knocked a tree down about 2 miles east of Mountain View.									
Izard County									
3 NW Pineville	**20**	**1000CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed large tree limbs and power lines about 3 miles northwest of Pineville.									
Montgomery County									
Mt Ida	**20**	**1000CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds knocked down a few trees in Mount Ida.									
Montgomery County									
Story	**20**	**1000CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed some trees in Story.									
Izard County									
Pineville	**20**	**1000CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds knocked a large tree onto a van near Pineville.									
Izard County									
Franklin	**20**	**1015CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds blew a tree into a utility pole near Franklin.									
Izard County									
4 N Franklin	**20**	**1015CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds knocked a large tree onto the roof of a garage about 4 miles north of Franklin...or in the Horseshoe Bend area. The roof suffered some damage as a result.									
Faulkner County									
Conway	**20**	**1020CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds knocked down a few power lines in Conway.									
Sharp County									
6 NE Ash Flat	**20**	**1020CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds tore an awning from a building about 6 miles northeast of Ash Flat.									
Independence County									
Batesville	**20**	**1020CST**			**0**	**0**			**Hail (0.75)**
Cleburne County									
10 SE Heber Spgs	**20**	**1025CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed some power lines about 10 miles southeast of Heber Springs.									
Saline County									
10 NW Benton	**20**	**1030CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed some trees about 10 miles northwest of Benton.									
Perry County									
Bigelow	**20**	**1030CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed a few trees at Bigelow.									
Perry County									
Houston	**20**	**1030CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds knocked down some trees at Houston.									
Montgomery County									
2 NW Joplin	**20**	**1030CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed some trees and moved some boats about 2 miles northwest of Joplin.									
Pulaski County									
2 NW Morgan	**20**	**1030CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Thunderstorm winds were estimated around 60 mph about 2 miles northwest of Morgan.									
Montgomery County									
2 N Joplin	**20**	**1032CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds removed part of a roof from a boat dock about 2 miles north of Joplin.									
Pulaski County									
9 SE Roland	**20**	**1037CST**			**0**	**1**			**Thunderstorm Wind (G50)**
Thunderstorm winds blew a man off of a roof about 9 miles southeast of Roland. The man was injured as a result.									
Saline County									
Benton	**20**	**1040CST**			**0**	**0**			**Thunderstorm Wind (G50)**

Storm Data and Unusual Weather Phenomena

July 2000

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
ARKANSAS, Central and North Central									
		Thunderstorm winds knocked down numerous trees in and around Benton.							
Scott County									
Parks	**20**	**1045CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed trees near Parks.							
Hot Spring County									
Countywide	**20**	**1054CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed trees in several parts of Hot Spring County.							
Hot Spring County									
2 SE Bismarck	**20**	**1054CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds blew a tree onto a house about 2 miles southeast of Bismarck.							
Garland County									
Lake Hamilton	**20**	**1055CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds tore several boats from their moorings on Lake Hamilton.							
Hot Spring County									
Rockport	**20**	**1055CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds knocked down a billboard at an auto sales business in Rockport. The billboard fell on several cars, with the cars suffering some damage.							
Hot Spring County									
Malvern	**20**	**1055CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed trees and power lines in Malvern.							
Pulaski County									
Little Rock	**20**	**1059CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds tore a camper shell from a pickup truck in Little Rock							
Pulaski County									
Galloway	**20**	**1100CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds knocked a tree down near Galloway.							
Prairie County									
Hazen	**20**	**1100CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds knocked down a few trees near Hazen.							
Pulaski County									
Little Rock	**20**	**1105CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Thunderstorm wind gusts were estimated around 60 mph at Little Rock. The winds downed trees and power lines in and around the city.							
Garland County									
Hot Spgs	**20**	**1110CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed numerous trees in and around Hot Springs, with a few trees falling on houses. Some roof damage occurred as a result.							
Pulaski County									
Wrightsville	**20**	**1112CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds tore part of a roof from a prison at Wrightsville.							
Jefferson County									
Redfield	**20**	**1120CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed some trees at Redfield.							
Pike County									
Glenwood	**20**	**1120CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds knocked down several trees and large tree limbs in and around Glenwood.							
Clark County									
Arkadelphia	**20**	**1124CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Thunderstorm wind gusts were estimated around 60 mph at Arkadelphia.							
Jefferson County									
Wright	**20**	**1125CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Thunderstorm wind gusts were estimated around 60 mph at Wright. The winds blew a tree onto a house in town.							
Pike County									
5 E Kirby	**20**	**1128CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds knocked down some trees about 5 miles east of Kirby.							
Lonoke County									
15 N Lonoke	**20**	**1130CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed some trees about 15 miles north of Lonoke.							
Lonoke County									
6 S Cabot	**20**	**1130CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds blew down a tree about 6 miles south of Cabot.							
Grant County									
Leola	**20**	**1130CST**			**0**	**0**			**Thunderstorm Wind (G50)**

Storm Data and Unusual Weather Phenomena

July 2000

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
ARKANSAS, Central and North Central									
		Thunderstorm winds knocked down some trees and power lines at Leola.							
Jefferson County									
Pine Bluff	**20**	**1130CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed trees in Pine Bluff.							
Dallas County									
Carthage	**20**	**1135CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds knocked down several trees and power lines near Carthage.							
Grant County									
10 E Sheridan	**20**	**1140CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds knocked a tree down about 10 miles east of Sheridan.							
Jefferson County									
Pine Bluff	**20**	**1140CST**			**0**	**0**			**Thunderstorm Wind (G70)**
		Thunderstorm wind gusts were estimated around 80 mph in Pine Bluff. The winds downed trees and power lines and also caused some roof damage at several homes and businesses.							
Woodruff County									
Augusta	**20**	**1146CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed trees and power lines at Augusta.							
Jefferson County									
Noble Lake	**20**	**1155CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds blew down some trees and power lines at Noble Lake.							
Lincoln County									
Star City	**20**	**1156CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds blew down some large tree limbs near Star City.							
Lincoln County									
Tarry	**20**	**1156CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed a tree at Tarry.							
Monroe County									
Clarendon	**20**	**1200CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed some power lines at Clarendon.							
Arkansas County									
5 W De Witt	**20**	**1205CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed a tree about 5 miles west of DeWitt.							
Arkansas County									
10 ENE De Witt	**20**	**1220CST**			**0**	**2**			**Thunderstorm Wind (G50)**
		Thunderstorm winds blew a tree onto a trailer about 10 miles east-northeast of DeWitt, with two people injured.							
Cleveland County									
8 S Rison	**20**	**1228CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed trees and power lines and damaged the roof of a home about 8 miles south of Rison.							
Ouachita County									
1 W Camden	**20**	**1228CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds blew down some power lines about 1 mile west of Camden.							
Calhoun County									
5 ENE Thornton	**20**	**1234CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed a few power lines about 5 miles east-northeast of Thornton.							
Bradley County									
3 W Warren	**20**	**1240CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds knocked a tree down about 3 miles west of Warren.							
Desha County									
Dumas	**20**	**1247CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds damaged the roof of a church near Dumas.							
Ouachita County									
Bearden	**20**	**1248CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed some power lines at Bearden.							
Drew County									
Countywide	**20**	**1315CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds knocked down power lines in several parts of Drew County.							
Drew County									
Monticello	**20**	**1315CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds downed some trees in Monticello. One tree fell on a house, causing considerable roof damage. The tree also fell on a metal carport at a neighboring home.							
Marion County									
8 NE Pyatt	**28**	**1745CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Thunderstorm winds were estimated around 60 mph about 8 miles northeast of Pyatt.							

Storm Data and Unusual Weather Phenomena

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
ARKANSAS, Central and North Central									
Marion County									
Flippin	**28**	**1803CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds knocked down some power lines at Flippin.									
Baxter County									
Mountain Home	**28**	**1825CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed trees and power lines at Mountain Home.									
Sharp County									
3 E Cave City to	**29**	**1410CST**	**1**	**50**	**0**	**0**			**Tornado (F0)**
4 E Cave City		**1412CST**							

A farm shed was destroyed by a weak tornado about 3 to 4 miles east of Cave City (Sharp County) on 07/29/2000.

A weak tornado was spawned in southern Sharp County , or from 3 to miles 4 miles east of Cave City close to Highway 230. One house sustained significant roof damage, with minor roof damage to three other houses. Two small farm sheds were destroyed, and a chicken house suffered some foundation damage and lost some of its tin roof. Several trees were also blown down.

ARKANSAS, East									
Lawrence County									
Ravenden to	**18**	**1521CST**			**0**	**0**	**0.85K**		**Hail (1.75)**
Imboden		**1540CST**							
Hail ranged in size from quarters in Ravenden to golfballs in Imboden.									
Lawrence County									
Hoxie	**18**	**1615CST**			**0**	**0**	**0.75K**		**Hail (1.75)**
		1620CST							
Hail was covering the ground.									
Craighead County									
1 S Bono	**18**	**1645CST**			**0**	**0**	**0.75K**		**Hail (1.75)**
		1650CST							
Randolph County									
6 SE Ravenden Spgs	**20**	**1050CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		1055CST							
Several trees and power lines were knocked down.									
Clay County									
Success	**20**	**1105CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1110CST							
A few trees were blown down.									
Greene County									
Paragould	**20**	**1125CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1130CST							
Some trees were knocked down.									
Lee County									
Marianna	**20**	**1200CST**			**1**	**0**	**5K**		**Thunderstorm Wind**
		1205CST							

Storm Data and Unusual Weather Phenomena

July 2000

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
ARKANSAS, East									
		A tree was blown over and fell on a car killing the driver. Other trees and power lines were knocked down. F74VE							
Mississippi County									
(Byh)Blytheville Afb	**20**	**1214CST**			**0**	**0**			**Thunderstorm Wind (G60) M**
		1220CST							
Mississippi County									
Hilton	**20**	**1220CST**			**0**	**0**	**20K**		**Thunderstorm Wind**
		1225CST							
		A semi trailer was blown over on Interstate 55.							
ARKANSAS, Northwest									
Benton County									
Siloam Spgs	**20**	**0735CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
		Thunderstorm winds blew down large tree limbs and power lines.							
Benton County									
Garfield	**20**	**0740CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
		Thunderstorm winds blew down a few large trees.							
Benton County									
Gentry	**20**	**0740CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
		Thunderstorm winds blew down large tree limbs and power lines.							
Benton County									
Gateway	**20**	**0745CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		Thunderstorm winds damaged one barn, a chicken house and downed power lines.							
Benton County									
Lowell	**20**	**0755CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
		Thunderstorm winds blew trees down onto a road.							
Carroll County									
Eureka Spgs	**20**	**0800CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		Thunderstorm winds blew down several large trees. A few of the trees fell on power lines and one tree fell on a van.							
Washington County									
Fayetteville	**20**	**0800CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
		Thunderstorm winds blew down several large tree limbs.							
Carroll County									
Berryville	**20**	**0808CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
		Thunderstorm winds blew trees down.							
Madison County									
Huntsville	**20**	**0810CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
		Thunderstorm winds blew down a few large trees.							
Washington County									
Greenland	**20**	**0810CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
		Thunderstorm winds blew a few large trees down.							
Crawford County									
Mountainburg	**20**	**0835CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
		Thunderstorm winds blew trees and business signs down.							
Crawford County									
Alma	**20**	**0845CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
		Thunderstorm winds blew several large tree limbs down.							
Madison County									
St Paul	**20**	**0845CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
		Thunderstorms winds blew tree down onto Highways 16 and 23.							
Washington County									
Winslow	**20**	**0845CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
		Thunderstorm winds blew several trees down.							
Franklin County									
Turners Bend	**20**	**0850CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
		Thunderstorm winds blew down trees.							
Sebastian County									
Ft Smith	**20**	**0853CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Sebastian County									
Ft Smith	**20**	**0900CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
		Thunderstorm winds blew down numerous trees.							
Franklin County									
Ozark	**20**	**0910CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
		Thunderstorm winds blew down trees.							

Storm Data and Unusual Weather Phenomena

July 2000

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
ARKANSAS, Northwest									
Franklin County									
Branch	**20**	**0915CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew tree down onto Highway 22.									
Sebastian County									
Greenwood	**20**	**0918CST**			**0**	**0**			**Thunderstorm Wind (G52)**
ARKANSAS, Southeast									
Chicot County									
Eudora	**17**	**1540CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
A few trees were blown down and caused some minor damage.									
ARKANSAS, Southwest									
NONE REPORTED.									
CALIFORNIA, Extreme Southeast									
NONE REPORTED.									
CALIFORNIA, North Central									
Shasta County									
Lakehead	**03**	**1700PST**			**0**	**0**			**Heavy Rain**
		1800PST							
A passing thunderstorm produced nearly 0.50 inches of rain in ten minutes.									
Shasta County									
Cottonwood	**04**	**1800PST**			**0**	**0**			**Heavy Rain**
		1900PST							
Shasta County									
Cottonwood	**04**	**1830PST**			**0**	**0**			**Hail (1.50)**
Shasta County									
Cottonwood	**04**	**1830PST**			**0**	**0**			**Urban/Sml Stream Fld**
		2300PST							
Tehama County									
Red Bluff	**04**	**1920PST**			**0**	**0**			**Hail (0.75)**
A line of thunderstorms developed rapidly off the Trinity Mountains and moved across northern Tehama and southern Shasta counties. Many reports were received of widepread large hail and several minor car accidents were reported on I-5 and local highways. Localized street flooding was reported in the town of Cottonwood.									
Glenn County									
7 NW Artois to	**05**	**1715PST**	**0.2**	**.1**	**0**	**0**			**Tornado (F0)**
6 NW Artois		**1718PST**							
A weak rope tornado was spotted by a construction worker approximately 7 miles northwest of Artois. A tornado warning had been issued for the area at 4:57 pm based upon radar indications of a well-developed mesocyclonic structure.									
CAZ016>017-019-063	**Central Sacramento Valley - Southern Sacramento Valley - Northern San Joaquin Valley - Mountains Southwest Shasta County To Northern Lake County**								
	29	**0001PST**			**0**	**0**			**Excessive Heat**
	31	**2359PST**							
Excessive heat impacted the Sacramento and northern San Joaquin Valleys during the last few days of July. Temperatures reached and exceeded 100 degrees in many areas before peaking on the 31st at 104 degrees in Sacramento and Stockton and at 110 degrees in Redding. The Redding reading set a new daily maximum temperature record...breaking the previous mark of 108 degrees set in 1993.									
CALIFORNIA, Northeast									
Lassen County									
Pittville	**05**	**1348PST**			**0**	**0**	**0**		**Hail (0.75)**
		1400PST							
Spotter report of .75 inch hail. Hail covering the ground and .32 inches of rain in 12 minutes, 4 miles east of McArthur.									
CALIFORNIA, Northwest									
NONE REPORTED.									
CALIFORNIA, South Central									
Tulare County									
17 ESE Johnsondale	**22**	**1300PST**			**0**	**0**	**490K**		**Wild/Forest Fire**
	31	**2359PST**							
The Manter Wildfire (possible arson cause) in the southernmost part of the Sequoia National Park just above the Kern County line in the Dome Land Wilderness Area burned from July 22nd and was contained on August 10th. It burned 74,010 acres and 16 structures, including at least 7 homes in the Pine Creek area. Its cost of containment was $11.2 Million and involved 978 personnel.									

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

CALIFORNIA, South Central

Tulare County

7 NE Springville | **31** | **1200PST** | | | **0** | **0** | | | **Wild/Forest Fire**
2359PST

The Edison wildfire began on July 31st from an unknown cause and was contained the next day (August 1st) after burning 150 acres. No structures were lost and the cost to contain was unreported.

CALIFORNIA, Southeast

NONE REPORTED.

CALIFORNIA, Southwest

San Bernardino County

Phelan | **14** | **1315PST** | | | **0** | **0** | | | **Funnel Cloud**

San Diego County

Live Oak Spgs to | **20** | **1530PST** | | | **1** | **0** | | | **Wild/Forest Fire**
Tierra Del Sol | **21** | **1700PST**

Erratic winds pushed a brush fire close to State Route 94 and threatened four homes before fire fighters beat it back. Near the origin of the blaze, a burned body was found. It was estimated that it had been a middle-aged male M35OU

San Diego County

Alpine to | **22** | **1150PST** | | | **0** | **0** | | | **Wild/Forest Fire**
Buckman Spgs | **23** | **1700PST**

A wild fire scorched 300 acres in a remote area of the Cleveland National Forest.

Riverside County

Temecula | **22** | **1640PST** | | | **0** | **0** | | | **Wild/Forest Fire**
23 | **0500PST**

A wildfire threatened several homes and burned 180 acres before being contained.

CAZ043 | **San Diego County Coasts**
23 | **1300PST** | | | **0** | **1** | | | **Excessive Heat**
1500PST

Heat exhaustion was blamed for a young man losing consciousness after running along the beach.

San Diego County

10 NW Campo to | **27** | **1330PST** | | | **0** | **0** | | | **Wild/Forest Fire**
9 NW Campo | **28** | **0800PST**

About 500 acres were burned in the wilderness area near Morena Reservoir.

Riverside County

6.7 E Temecula to | **29** | **1241PST** | | | **0** | **3** | | | **Wild/Forest Fire**
9.3 SE Temecula | **31** | **2359PST**

San Diego County

4.6 N Pala to | **31** | **0800PST** | | | **0** | **0** | | | **Wild/Forest Fire**
6 E Pala | **2359PST**

A brush fire, fanned by erratic winds, quickly grew to over 3800 acres and was still out of control as July ended. Over 1,100 fire fighters, 74 fire engines, 4 helicopters, and eight air tankers were battling to keep flames away from structures.

CALIFORNIA, Upper

CAZ084>085 | **Northeast Siskiyou And Northwest Modoc Counties - Modoc County**
03 | **1442PST** | | | **0** | **0** | | | **Extreme Cold**
04 | **0800PST**

See below.

A Frost Warning was issued for the above zones. Reported low temperatures were mostly in the 30s, so frost likely occurred this night...although none was reported.

CALIFORNIA, West South Central

CAZ041 | **Los Angeles County Coasts Including Downtown Los Angeles**
31 | **2100PST** | | | **0** | **0** | | | **Heavy Surf**

The combination of locally heavy surf and abnormally high tides resulted in damage to two homes in the Malibu area. The powerful waves destroyed the decks of two homes, including one house owned by the musician Sting.

CALIFORNIA, Western

Monterey County

Big Sur | **22** | **2000PST** | | | **0** | **0** | | **5.7M** | **Wild/Forest Fire**
31 | **2300PST**

Plaskett 2 - Ignition date: 7/22/00
Cause: The fire began on Plaskett Rd at approximately
2000 PDT when an unknown individual discarded burning paper into brush after attempting to ignite a pilot light on a trailer.
Location: Monterey Ranger District of the
Los Padres National Forest
between Plaskett Creek and Willow Creek, east of Highway 1, approximately 23

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

CALIFORNIA, Western

miles south of Big Sur, 3 miles north of Gorda and 3 miles west of Fort Hunter Liggett. (T23S,R5E,SEC.16)
Size: 5, 830 acres
Containment: 8/2/00
Fatalities: 0
Structures Lost: 0
Cost: $5.7 million

COLORADO, Central and Northeast

COZ040 **Denver Metropolitan Area**

	01	**1600MST**			**0**	**0**			**Excessive Heat**
	15	**1600MST**							

July 15th marked the end of a near record hot streak for the Denver area. The maximum high temperature at Denver International Airport equalled or exceeded the 90 degree mark for 17 consecutive days, from June 29th-July 15th; one day short of tying the all time record. The record of 18 consecutive days was set in two different years, July 1st-July 18th, 1874 and July 6th-23rd, 1901.

Logan County									
7 N Crook	**05**	**1925MST**			**0**	**0**			**Hail (1.75)**
Logan County									
1 E Crook	**05**	**1945MST**			**0**	**0**			**Hail (4.50)**
Logan County									
Crook	**05**	**1950MST**			**0**	**0**			**Hail (2.75)**
Logan County									
2 NNE Dailey	**05**	**2010MST**			**0**	**0**			**Hail (1.00)**

This photograph was taken just before sunset by Ian Wittmeyer. This severe thunderstorm produced softball size hail near Crook and an F3 tornado in the vicinity of Dailey, in eastern Logan County.

Logan County									
2 NNE Dailey to 4 S Dailey	**05**	**2010MST**	**6**	**1320**	**0**	**2**	**750K**		**Tornado (F3)**

A large and destructive tornado accompanied with hail, up to softball size, ripped through eastern Logan County. An 88-year old farmer and his wife received minor injuries when the tornado flattened their home. The elderly man spared from serious injury when the recliner he was sitting in flipped upside down; just before a wall caved in on top of him. The farmer suffered a cracked vertebra and a lacerated hand. In all, five farmsteads were either damaged or destroyed. Several structures were destroyed, including three homes and numerous outbuildings. One modular home was lifted up and dropped 50 feet away from its foundation. Numerous pieces of farm equipment including, machinery, stock trailers and vehicles were damaged or destroyed. Three square miles of corn crops and several trees were destroyed. Some livestock were also killed. The tornado snapped power poles and downed electrical lines between Holyoke and Fleming. Initial damage estimates to two properties alone were around $750,000.

Phillips County									
3 N Haxtun	**05**	**2030MST**			**0**	**0**			**Hail (0.75)**
Phillips County									
1 N Haxtun	**05**	**2035MST**			**0**	**0**			**Hail (1.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
COLORADO, Central and Northeast									
Morgan County									
2 SW Brush	**07**	**1900MST**			**0**	**0**	**0**		**Lightning**
Dry lightning sparked a large grassfire near the Pawnee Power Plant. No damage to the plant was reported.									
Clear Creek County									
12 SW Idaho Spgs	**08**	**1200MST**			**0**	**2**	**0**	**0**	**Lightning**
Two men were struck by lightning while climbing just below the summit of Mount Evans. The lightning hit a boulder that had taken shelter under, then struck them. One man suffered second degree burns to his left arm, the other suffered burns to his legs, arms and back.									
Logan County									
5 SE Fleming	**10**	**1359MST**			**0**	**0**			**Hail (0.75)**
Logan County									
11 SSW Fleming	**10**	**1454MST**			**0**	**0**			**Hail (1.00)**
Phillips County									
10 S Haxtun	**10**	**1538MST**			**0**	**0**			**Hail (1.75)**
Boulder County									
1 SW Boulder	**10**	**1540MST**			**0**	**3**	**0**		**Lightning**
Three children were injured, one critically, when lightning hit a nearby tree atop Panorama Point on Flagstaff Mountain. Lightning hit the tree, entered the ground, then struck the children.									
Washington County									
2 NW Akron	**10**	**1650MST**			**0**	**0**			**Hail (1.75)**
Morgan County									
Brush	**10**	**1805MST**			**0**	**0**			**Hail (0.75)**
Weld County									
Hudson to Keenesburg	**10**	**1830MST 2030MST**			**0**	**0**			**Lightning**
Lightning sparked at least 6 fires in the Hudson and Keenseburg areas as thunderstorms, accompanied with heavy rain, large hail and tornadoes moved through southern Weld County.									
Weld County									
Keenesburg	**10**	**1830MST 2030MST**			**0**	**0**			**Urban/Sml Stream Fld**
Over 2 inches of very heavy rain caused flooding along an Interstate 76 off ramp near Keenseburg. The fire department rescued 15 stranded motorists, as high water inundated sections of the off ramp and adjacent interstate. Basements were also flooded in Keenseburg. One home reportedly had seven feet of standing water in the basement before the rain subsided.									
Jefferson County									
15 N Golden	**10**	**1930MST**			**0**	**0**			**Lightning**
Lightning sparked a grassfire that burned approximately 50 acres at the Rocky Flats Environmental Test Facility.									
Adams County									
3 ENE Brighton	**10**	**1938MST**	**0.1**	**25**	**0**	**0**	**0**	**0**	**Tornado (F0)**
A small tornado touched down briefly but did no damage.									
Weld County									
6 E Platteville	**10**	**1950MST**			**0**	**0**			**Thunderstorm Wind (G60) [M]**
Weld County									
2 SW Prospect	**10**	**2030MST**	**0.1**	**25**	**0**	**0**	**0**	**0**	**Tornado (F0)**
A small tornado touched down briefly but did no damage.									
Jefferson County									
3 W Buffalo	**12**	**1200MST**			**0**	**0**		**0**	**Flash Flood**
Heavy rain fell across a portion of the Hi Meadow burn area near Buffalo Creek, causing localized flash flooding. Approximately three quarters of an inch /0.75/ of rain fell in 30 minutes across Miller Gulch. Some culverts became plugged by debris from the fire. As a result, small sections of a forest service road along Miller Gulch were washed out.									
Douglas County									
Castle Rock	**12**	**1300MST**			**0**	**0**	**100K**	**0**	**Lightning**
Lightning struck a home is Castle Rock causing extensive damage. The majority of the damage was confined to the roof, attic and second floor.									
Morgan County									
Snyder	**12**	**1315MST**			**0**	**0**			**Hail (1.75)**
Boulder County									
8 NW Allens Park	**12**	**1400MST**			**1**	**0**	**0**	**0**	**Lightning**
A climber was struck and killed by lightning as he and a companion were ascending a sheer rock face, near the summit of Longs Peak. Lightning struck the victim, who was using climbing ropes and a harness, killing him instantly. His friend was not injured. M28OU									
Morgan County									
2 E Ft Morgan	**12**	**1441MST**			**0**	**0**			**Hail (0.75)**
Morgan County									
4 E Ft Morgan	**12**	**1449MST**			**0**	**0**			**Hail (1.25)**

Storm Data and Unusual Weather Phenomena

July 2000

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
COLORADO, Central and Northeast									
Morgan County									
East Central Portion to Southeast Portion	**12**	**1500MST 1700MST**			**0**	**0**	**50K**	**200K**	**Flash Flood**
Very heavy rain, large hail and extensive flash flooding accompanied a line of nearly stationary thunderstorms that formed across eastern and southern portions of Morgan County. Radar estimated at least 6 inches of rain fell during the late afternoon. The heaviest concentration of rain fell in an area bounded by the following locations: Snyder, Brush, 9-mile Corner and Fort Morgan. Beaver Creek, south of Brush, jumped its banks and forced the closure of State Highway 71. Several smaller county roads were washed out and closed due to floodwaters east and south of Brush. In Fort Morgan, numerous cars were stranded and basements flooded, as much of the town was under at least a foot of water. In Morgan County, flood damage to private land was approximately $200,000, with another $50,000 damage to public infrastructures, including a small dam that was breached.								
Morgan County									
6 S Brush to 6 N Brush	**12**	**1527MST**	**0.1**	**25**	**0**	**0**	**0**	**0**	**Tornado (F0)**
A small tornado touched down briefly but did no damage.									
Washington County									
Woodrow	**12**	**1534MST**			**0**	**0**			**Thunderstorm Wind (G60) M**
Logan County									
3 SE Sterling	**12**	**1640MST**			**0**	**1**		**0**	**Lightning**
A man received minor injuries when lightning struck a nearby fence, shocking him. He was opening a gate attached to the fence when the bolt hit. Lightning also sparked two small grassfires in the area, but the heavy rain that accompanied the storm quickly extinguished them.									
Grand County									
Granby	**16**	**1600MST 1700MST**			**0**	**0**			**Flash Flood**
Heavy rain, up to 3.5 inches in an hour, deluged the streets, drains, homes and businesses in Granby. In many places, water was gushing out of the storm drains as the drainage system could not handle the high volume of water. Some hillsides were washed out and many yards had surface soil stripped clean. Water up to 2 feet in depth covered some of the cities' streets. Several offices and businesses were also flooded. The Granby Library, in the basement of Granby Town Hall, was also flooded. Numerous books and computers were damaged forcing the closure of the library for a week.									
Adams County									
Denver Front Range A	**16**	**1810MST 2000MST**			**0**	**0**			**Urban/Sml Stream Fld**
Arapahoe County									
(Apa)Englwood Arapah	**16**	**1810MST 2000MST**			**0**	**0**			**Urban/Sml Stream Fld**
Denver County									
Denver	**16**	**1810MST**			**0**	**0**			**Urban/Sml Stream Fld**
Jefferson County									
5 W Arvada	**16**	**1930MST 2100MST**			**0**	**0**	**0**		**Urban/Sml Stream Fld**
Very moist and unstable conditions, combined with upslope during the late afternoon and evening hours, triggered widespread urban and small stream flooding in and around the Denver metropolitan area. Rainfall amounts generally ranged from 1 to 3 inches, with the heaviest rainfall occurring during the evening hours. Two miles east of White Ranch, an automated rain gage measured nearly 4 inches of rain/3.86/. Since the rain fell in a relatively open area, no flood damage was reported. In Greenwood Village however, near Peoria and Bellview, the road was closed for several hours as 2 feet of standing water covered the roadway.									
Clear Creek County									
12 SW Idaho Spgs	**16**	**1900MST**			**0**	**2**	**0**	**0**	**Lightning**
Two campers near Mount Evans were injured by lightning and stranded overnight by the inclement weather. Both received minor injuries.									
Jefferson County									
Pine	**17**	**1300MST 1345MST**			**0**	**0**		**0**	**Flash Flood**
An estimated 2 inches of rain reportedly fell in less than an hour. As a result two secondary roads in Buck and Miller Gulches, in the Hi Meadows burn area, washed out. Water also covered County Road 68 which connects to Bailey. Homeowners in Pine Valley Estates attempted to divert some of the runoff by piling stacks of hay above their homes.									
Elbert County									
6 NNW Elizabeth	**17**	**1430MST 1530MST**			**0**	**0**			**Flash Flood**
Torrential rainfall, up to 3.5 inches in an hour, caused flash flooding along Whiskey Gulch near Elizabeth. Several roads were washed out and basements flooded during the storm. Along County Road 13, about 6 miles north-northwest of Elizabeth, rushing water washed away a 15-ft section of the road. The floodwaters forced debris and mud into four huge culverts, sending water onto the road.									

Storm Data and Unusual Weather Phenomena

July 2000

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
COLORADO, Central and Northeast									
Denver County									
Denver Intl Arpt	**17**	**1500MST**			**0**	**1**		**0**	**Lightning**
A United Airlines ground crew worker was struck by lightning as she was loading a Boeing 747 jumbo jet. The woman was injured when lightning either hit the jet or the loading equipment that she was working near. The 25-yr old woman received minor injuries.									
Weld County									
13 SE Roggen	**19**	**1821MST**			**0**	**0**			**Hail (1.25)**
Morgan County									
Hoyt	**19**	**1828MST**			**0**	**0**			**Hail (0.88)**
Morgan County									
3 N Hoyt	**19**	**1829MST**			**0**	**0**			**Hail (0.88)**
Morgan County									
15 S Wiggins	**19**	**1842MST**			**0**	**0**			**Hail (0.75)**
Morgan County									
7 S Ft Morgan	**19**	**1901MST**			**0**	**0**			**Hail (0.88)**
Washington County									
7 ESE Otis	**19**	**2005MST**			**0**	**0**			**Hail (1.75)**
Washington County									
8 W Elba	**20**	**1455MST**			**0**	**0**			**Hail (0.88)**
Weld County									
10 E Briggsdale	**20**	**1511MST**			**0**	**0**			**Hail (0.75)**
Morgan County									
3 NNW Goodrich	**20**	**1528MST**			**0**	**0**			**Hail (1.50)**
Morgan County									
15 NW Ft Morgan	**20**	**1550MST**			**0**	**0**			**Hail (1.75)**
Morgan County									
20 S Brush	**20**	**1600MST**			**0**	**0**			**Urban/Sml Stream Fld**
Heavy rain and hail caused Beaver Creek to jump its banks. Extensive flooding was reported along the creek.									
Washington County									
2 N Woodrow	**20**	**1600MST**			**0**	**0**			**Hail (1.75)**
Morgan County									
5 SE Weldona	**20**	**1605MST**			**0**	**0**			**Hail (1.50)**
Washington County									
13 SE Akron	**20**	**1605MST**	**0.1**	**25**	**0**	**0**	**0**	**0**	**Tornado (F0)**
A small tornado touched down briefly but did no damage.									
Washington County									
Otis	**20**	**1605MST**			**0**	**0**			**Hail (2.50)**
Adams County									
40 NE Watkins	**20**	**1615MST**			**0**	**0**			**Hail (1.75)**
Washington County									
4 N Last Chance	**20**	**1621MST**	**0.1**	**25**	**0**	**0**	**0**	**0**	**Tornado (F0)**
A small tornado touched down briefly but did no damage.									
Washington County									
Otis	**20**	**1631MST**			**0**	**0**			**Hail (1.75)**
Washington County									
6 S Woodrow	**20**	**1633MST**			**0**	**0**			**Hail (1.00)**
Washington County									
10 SE Anton	**20**	**1648MST**			**0**	**0**			**Hail (1.75)**
Washington County									
7 N Lindon	**20**	**1648MST**			**0**	**0**			**Hail (1.50)**
Washington County									
6 SE Woodrow	**20**	**1648MST**			**0**	**0**			**Hail (1.00)**
Weld County									
6 S New Raymer	**20**	**2125MST** **2135MST**			**0**	**0**			**Hail (0.75)**
Weld County									
6 N Masters to **4 SE Masters**	**21**	**1650MST** **1715MST**	**8**	**440**	**0**	**0**			**Tornado (F1)**

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

COLORADO, Central and Northeast

Sam Graveel of Fort Morgan took this photograph on July 21st, about 5 to 8 miles east of the twister. The impressive looking tornado caused minimal damage since it occurred in open country. Based on the damage caused by the tornado alone, it was officially assigned an F1 rating.

The tornado touched down 6 miles north of Masters, crossed Riverside Reservoir in the form of a waterspout, then travelled south-southeast towards Empire Reservoir, about 4 miles southeast of Masters where it dissipated. Since the tornado touched down in open country, damage was minimal. The twister tore up fences and a sprinkler irrigation system. In addition, four ditch riders, one on a three wheel all-terrain vehicle, did find themselves in the path of the storm and had to take cover in a ditch. The twister picked up the ATV and smashed it into some nearby trees. None of the men were injured.

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
Washington County									
5 N Anton	**21**	**1722MST**	**0.1**	**25**	**0**	**0**	**0**	**0**	**Tornado (F0)**
A small tornado touched down briefly but did no damage.									
Morgan County									
1 NE Wiggins	**21**	**1725MST**			**0**	**0**			**Hail (1.00)**
Washington County									
4 S Lindon	**21**	**1730MST**			**0**	**0**			**Hail (2.00)**
Morgan County									
1 SE Wiggins	**21**	**1742MST**			**0**	**0**			**Hail (1.75)**
Morgan County									
2 SE Weldona	**21**	**1746MST**			**0**	**0**			**Thunderstorm Wind (G60)**
Strong thunderstorm winds snapped branches, 4 to 5 inches in diameter, off trees along State Highway 144.									
Morgan County									
Brush	**21**	**1748MST**			**0**	**0**	**10K**		**Thunderstorm Wind (G60)**
Microburst winds damaged a garage and destroyed a small shed in Brush. The burst blew the roof off the garage and smashed the shed.									
Washington County									
5 N Anton	**21**	**1750MST**			**0**	**0**			**Hail (2.75)**
Washington County									
Lindon	**21**	**1817MST**			**0**	**0**			**Hail (0.88)**
Washington County									
4 S Otis	**21**	**1828MST**			**0**	**0**			**Hail (0.88)**
Washington County									
8 S Anton	**21**	**1830MST**			**0**	**0**			**Hail (2.00)**
Washington County									
8 S Anton	**21**	**1830MST**			**0**	**0**			**Hail (2.00)**
Washington County									
4 N Last Chance	**21**	**1837MST**			**0**	**0**			**Hail (0.75)**
Washington County									
4 N Last Chance	**21**	**1837MST**			**0**	**0**			**Hail (0.75)**
Washington County									
Anton	**21**	**1850MST**			**0**	**0**			**Hail (2.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
COLORADO, Central and Northeast									
Washington County									
Anton	**21**	**1850MST**			**0**	**0**			**Hail (2.75)**
Lincoln County									
19 NNE Arriba to 3 S Arriba	**21**	**1900MST**			**0**	**0**			**Hail (0.75)**
Lincoln County									
20 NNE Arriba	**21**	**1900MST**			**0**	**0**			**Hail (0.75)**
Washington County									
9 S Last Chance	**21**	**1904MST**			**0**	**0**			**Hail (1.25)**
Washington County									
9 S Last Chance	**21**	**1904MST**			**0**	**0**			**Hail (1.25)**
Lincoln County									
Genoa	**21**	**1930MST**			**0**	**0**			**Hail (2.75)**
Lincoln County									
16 NE Limon	**21**	**2330MST**			**0**	**0**			**Hail (1.00)**
Lincoln County									
4 N Genoa	**21**	**2334MST**			**0**	**0**			**Hail (1.50)**
Lincoln County									
Genoa	**21**	**2343MST**			**0**	**0**			**Hail (1.00)**
Lincoln County									
Genoa	**21**	**2345MST**			**0**	**0**			**Hail (1.75)**
Lincoln County									
Genoa	**21**	**2357MST**			**0**	**0**			**Hail (1.00)**
Elbert County									
7 NW Agate	**22**	**0100MST**			**0**	**0**			**Hail (0.75)**
Lincoln County									
10 SW Hugo	**22**	**0200MST**			**0**	**0**			**Hail (1.50)**
Arapahoe County									
Byers	**22**	**1210MST**			**0**	**0**			**Hail (1.00)**
Boulder County									
Longmont	**24**	**1500MST**			**0**	**2**	**0**	**0**	**Lightning**
Lightning struck near two golfers at Ute Creek Golf Course, knocking them to the ground. The men received minor injures.									
Lincoln County									
9 NNE Karval	**28**	**1638MST**			**0**	**0**			**Hail (1.00)**
COLORADO, East Central									
COZ090>092	**Yuma County - Kit Carson County - Cheyenne County**								
	01	**0000MST**			**0**	**0**			**Drought**
	31	**0000MST**							
Drought conditions were in the Severe Category for most of the month across far eastern Colorado. Non-irrigated crops succumbed to the dry weather and lack of sub-soil moisture.									
Kit Carson County									
3 NE Flagler	**10**	**0101CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Cheyenne County									
17 SW Kit Carson	**10**	**1440CST**			**0**	**0**			**Hail (0.75)**
Cheyenne County									
9 SE Kit Carson	**10**	**1440CST**			**0**	**0**			**Hail (0.88)**
Yuma County									
2 NW Clarkville	**10**	**1644CST**			**0**	**0**			**Hail (1.75)**
Yuma County									
19 N Eckley	**10**	**1700CST**			**0**	**0**			**Hail (1.25)**
Yuma County									
8 SE Clarkville	**10**	**1730CST**			**0**	**0**			**Hail (1.75)**
Yuma County									
Eckley	**12**	**1940CST**			**0**	**0**			**Hail (0.75)**
Kit Carson County									
Seibert	**18**	**1647MST**			**0**	**0**			**Hail (0.88)**
Cheyenne County									
10 N Kit Carson	**18**	**1737MST**			**0**	**0**			**Hail (0.75)**
Yuma County									
Wray	**18**	**1757MST**			**0**	**0**			**Thunderstorm Wind (G53)**
Cheyenne County									
Cheyenne Wells	**18**	**2230MST**			**0**	**0**			**Thunderstorm Wind (G52)**

Storm Data and Unusual Weather Phenomena

July 2000

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
COLORADO, East Central									
Cheyenne County									
16 SE Cheyenne Wells	**18**	**2325MST**			**0**	**0**			**Tstm Wind/Hail**
Thunderstorm produced winds to 52 knots and nickel size hail.									
Yuma County									
18 N Wray	**19**	**1812MST**			**0**	**0**			**Hail (0.88)**
Yuma County									
6 E Yuma	**19**	**1945MST**			**0**	**0**			**Hail (1.75)**
Yuma County									
7 W Wray	**19**	**2032MST**			**0**	**0**			**Hail (1.00)**
Yuma County									
7 W Vernon	**19**	**2041MST**			**0**	**0**			**Hail (1.75)**
Yuma County									
2 S Idalia	**19**	**2105MST**	**0.2**	**10**	**0**	**0**			**Tornado (F0)**
Brief touchdown of weak Tornado.									
Yuma County									
Yuma	**20**	**1615MST**			**0**	**0**			**Hail (0.75)**
Yuma County									
5 NW Wray	**20**	**1655MST**			**0**	**0**			**Hail (1.75)**
Yuma County									
8 S Idalia	**20**	**1741MST**			**0**	**0**			**Hail (0.75)**
Yuma County									
Yuma	**20**	**1750MST**			**0**	**0**			**Flash Flood**
Some street flooding within the city of Yuma with the rainfall entirely flooding the city park. Up to eight basements in town were also flooded.									
Kit Carson County									
Flagler	**20**	**1815MST**			**0**	**0**			**Hail (0.75)**
Yuma County									
Yuma	**21**	**1638MST**			**0**	**0**			**Hail (1.25)**
Yuma County									
Yuma	**21**	**1705MST**			**0**	**0**			**Hail (1.75)**
Yuma County									
Kirk	**21**	**1745MST**			**0**	**0**			**Hail (0.75)**
Kit Carson County									
Stratton	**21**	**1858MST**			**0**	**0**			**Thunderstorm Wind (G59)**
Kit Carson County									
4 N Flagler	**21**	**1912MST**			**0**	**0**			**Hail (2.75)**
Kit Carson County									
13 S Seibert	**21**	**2010MST**			**0**	**0**			**Hail (0.88)**
Cheyenne County									
Cheyenne Wells	**21**	**2028MST**			**0**	**0**			**Hail (0.75)**
Cheyenne County									
14 N Kit Carson	**21**	**2030MST**			**0**	**0**			**Hail (1.00)**
Yuma County									
8 SE Yuma	**22**	**1448MST**			**0**	**0**			**Hail (2.75)**
Yuma County									
5 N Kirk	**22**	**1528MST**			**0**	**0**			**Hail (1.75)**
Yuma County									
3 NE Kirk	**22**	**1544MST**			**0**	**0**			**Hail (1.00)**
Kit Carson County									
5 NW Stratton	**22**	**1618MST**			**0**	**0**			**Hail (1.00)**
Kit Carson County									
5 SW Stratton	**22**	**1650MST**			**0**	**0**			**Hail (1.75)**
Kit Carson County									
10 W Flagler to 5 W Flagler	**22**	**1653MST**			**0**	**0**			**Hail (1.00)**
Yuma County									
Eckley	**27**	**1925MST**			**0**	**0**			**Hail (0.75)**
COLORADO, South Central and Southeast									
Baca County									
Walsh	**02**	**1356MST** **1406MST**			**0**	**0**			**Hail (1.25)**

Storm Data and Unusual Weather Phenomena

July 2000

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
COLORADO, South Central and Southeast									
Prowers County									
31 SW Holly	**02**	**1510MST**			**0**	**0**			**Hail (0.75)**
		1515MST							
Prowers County									
Lamar	**02**	**1545MST**			**0**	**0**			**Hail (1.00)**
		1558MST							
Prowers County									
35 SW Holly	**02**	**1806MST**			**0**	**0**			**Hail (0.75)**
		1811MST							
Saguache County									
6 W Saguache	**03**	**1445MST**			**0**	**0**			**Hail (0.88)**
		1450MST							
Prowers County									
31 SW Holly	**03**	**1506MST**			**0**	**0**			**Hail (0.75)**
		1511MST							
Huerfano County									
Walsenburg	**07**	**1430MST**			**0**	**0**			**Hail (1.25)**
		1435MST							
El Paso County									
Broadmoor	**07**	**1710MST**			**0**	**0**			**Thunderstorm Wind (G54) M**
El Paso County									
Colorado Spgs	**07**	**1727MST**			**0**	**0**			**Thunderstorm Wind (G52) M**
El Paso County									
Colorado Spgs	**07**	**1746MST**			**0**	**0**	**1K**		**Thunderstorm Wind (G52)**
A camper trailer towed by a vehicle was blown off Interstate 25 near downtown Colorado Springs.									
Pueblo County									
4 N Pueblo	**11**	**1502MST**			**0**	**0**			**Thunderstorm Wind (G52)**
		1507MST							
Pueblo County									
4 W Pueblo Muni Arpt	**11**	**1505MST**			**0**	**0**			**Funnel Cloud**
		1510MST							
Pueblo County									
Pueblo Muni Arpt	**11**	**1523MST**			**0**	**0**			**Hail (0.75)**
		1528MST							
A 61 mph wind gust was also observed at the airport.									
Fremont County									
Hillside	**13**	**1518MST**			**0**	**0**			**Hail (0.75)**
		1523MST							
Saguache County									
12 SE Villa Grove	**15**	**1642MST**			**0**	**0**			**Hail (0.75)**
		1647MST							
El Paso County									
1 E Ellicott	**16**	**1418MST**			**0**	**0**			**Thunderstorm Wind (G60)**
		1420MST							
Las Animas County									
Thatcher	**16**	**1445MST**			**0**	**0**			**Thunderstorm Wind (G65) M**
Baca County									
20 SSE Walsh to	**16**	**1728MST**	**15**	**50**	**0**	**0**			**Tornado (F0)**
13 ESE Walsh		**1828MST**							
A small tornado may have had a nearly continuous track north-northeastward over open country of eastern Baca county. There was no known damage.									
El Paso County									
5 ESE Colorado Spgs	**17**	**1445MST**			**0**	**0**			**Hail (0.75)**
		1450MST							
El Paso County									
Fountain	**17**	**1500MST**			**0**	**0**			**Hail (1.00)**
		1505MST							
El Paso County									
4 WSW Black Forest	**19**	**1818MST**			**0**	**0**			**Hail (0.75)**
		1823MST							
Baca County									
12 NE Campo	**19**	**1935MST**			**0**	**0**			**Hail (1.75)**
		1940MST							

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
COLORADO, South Central and Southeast									
El Paso County									
2 E Monument	**20**	**1230MST**			**0**	**0**	**5K**		**Lightning**
Lightning struck a residence and caused a small fire on the roof and into the attic. The smoke and water damage was contained to the attic and roof.									
El Paso County									
6 ENE Colorado Spgs	**20**	**1258MST**	**0.1**	**25**	**0**	**0**			**Tornado (F0)**
		1300MST							
A brief, small tornado hit the yard of a residence, pushing down part of a wooden fence and taking a few limbs off a tree. It then moved into a field and lifted.									
El Paso County									
Ellicott	**20**	**1300MST**			**0**	**0**			**Hail (0.75)**
		1305MST							
El Paso County									
Colorado Spgs	**20**	**1335MST**			**0**	**0**			**Hail (0.75)**
Pueblo County									
18 NE Boone	**20**	**1430MST**			**0**	**0**			**Hail (1.25)**
		1435MST							
Pueblo County									
Pueblo Muni Arpt to	**20**	**1502MST**			**0**	**0**	**5M**	**15M**	**Hail (2.00)**
12 ESE Pueblo		**1535MST**							
Hailstorm caused an estimated 20 million dollars in damage. Approximately 15,000 acres of crops were affected, and vehicles, airplanes, and houses were damaged.									
Las Animas County									
Trinchera	**20**	**1545MST**			**0**	**0**			**Hail (0.75)**
		1550MST							
Otero County									
1 W Rocky Ford	**20**	**1620MST**			**0**	**0**			**Hail (1.00)**
		1635MST							
Pueblo County									
41 SE Pueblo	**20**	**1620MST**			**0**	**0**			**Hail (1.00)**
		1630MST							
Las Animas County									
10 NNE Thatcher	**20**	**1640MST**			**0**	**0**			**Hail (1.00)**
		1645MST							
Pueblo County									
18 S Pueblo	**20**	**1642MST**			**0**	**0**			**Hail (1.00)**
		1647MST							
Baca County									
15 N Springfield	**20**	**1719MST**			**0**	**0**			**Hail (0.75)**
		1724MST							
Baca County									
20 NW Springfield	**20**	**1720MST**	**0.5**	**50**	**0**	**0**			**Tornado (F0)**
		1725MST							
A small, shortlived landspout tornado caused no known damage over open country of northwest Baca county.									
Prowers County									
26 S Lamar	**20**	**1725MST**			**0**	**0**			**Hail (0.75)**
		1730MST							
Baca County									
1 N Pritchett	**20**	**1730MST**			**0**	**0**			**Hail (0.75)**
		1735MST							
Kiowa County									
Eads	**20**	**1940MST**			**0**	**0**			**Hail (1.00)**
		1943MST							
Las Animas County									
5 NE Tyrone	**21**	**1611MST**	**0.5**	**50**	**0**	**0**			**Tornado (F0)**
		1613MST							
A small, short-lived tornado caused no known damage over open country of north-central Las Animas county.									
Teller County									
Cripple Creek	**22**	**1412MST**			**0**	**0**			**Hail (0.75)**
		1417MST							
Las Animas County									
6 NW Aguilar	**22**	**1607MST**			**0**	**0**			**Hail (1.50)**
		1612MST							

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
COLORADO, South Central and Southeast									
Huerfano County									
Gardner	**22**	**1645MST**			**0**	**0**			**Hail (0.75)**
		1650MST							
Huerfano County									
11 W Walsenburg	**22**	**1710MST**			**0**	**0**			**Hail (1.00)**
		1715MST							
Huerfano County									
10 W Walsenburg	**22**	**1727MST**			**0**	**0**			**Hail (2.00)**
		1732MST							
Las Animas County									
Hoehne	**22**	**1740MST**			**0**	**0**			**Hail (0.75)**
		1745MST							
Kiowa County									
10 NNE Eads to	**22**	**1756MST**	**1**	**100**	**0**	**0**			**Tornado (F0)**
9 NNE Eads		**1758MST**							
A long lasting supercell moved south across Kiowa, Bent, Prowers, and Baca counties over a three and a half hour time frame. The main damage was caused by high winds and large hail. The majority of the damage was around the mesocyclone, which tracked across central Kiowa, eastern Bent, and western Baca counties. From time to time, the mesocyclone produced brief tornadoes. Tornado paths were not found during a damage survey, owing to the lack of trees, crops, fence line, and roads. Photographic evidence and eyewitness accounts of the tornadoes was helpful in estimating the path lengths and size of the tornadoes. The first reported tornado was short-lived and over open country of north-central Kiowa county and caused no known damage.								
Kiowa County									
5 ENE Eads to	**22**	**1811MST**	**3**	**100**	**0**	**0**			**Tornado (F0)**
3 E Eads		**1825MST**							
The supercell cycled another tornado. The nearly continuous path was over open country. Because of the lack of trees, crops, fence line, and roads, the exact path of the tornado was difficult to determine, and no damage was discovered.									
Kiowa County									
5 N Sheridan Lake	**22**	**1815MST**			**0**	**0**			**Hail (1.75)**
		1820MST							
Kiowa County									
12 NE Eads	**22**	**1817MST**			**0**	**0**			**Hail (2.75)**
		1827MST							
Huerfano County									
Cuchara	**22**	**1825MST**			**0**	**0**			**Hail (1.75)**
		1830MST							
Prowers County									
6 N Lamar to	**22**	**1858MST**	**3**	**50**	**0**	**0**			**Tornado (F0)**
4 N Lamar		**1904MST**							
What was likely a landspout tornado on the southeast side of the supercell traveled through open country. Because of the lack of trees, crops, fence line, and roads, the exact path of the tornado was difficult to determine, and no damage was discovered.									
Bent County									
6 NE Mc Clave to	**22**	**1900MST**	**4**	**100**	**0**	**0**			**Tornado (F0)**
2 ENE Mc Clave		**1910MST**							
The supercell cycled another weak tornado northeast of McClave over open country. Because of the lack of trees, crops, fence line, and roads, the exact path of the tornado was difficult to determine, and there was no damage discovered.									
Bent County									
Mc Clave	**22**	**1905MST**			**0**	**0**			**Hail (2.75)**
		1910MST							
Prowers County									
2 SSW Lamar to	**22**	**1934MST**	**1**	**50**	**0**	**0**			**Tornado (F0)**
3 SSW Lamar		**1939MST**							
A short-lived landspout tornado moved through open country. Because of the lack of trees, crops, fence line, and roads, the exact path of the tornado was difficult to determine, and no damage was discovered.									
Prowers County									
3 N Lamar	**22**	**1942MST**			**0**	**0**			**Hail (1.50)**
		1947MST							
Bent County									
30 SE Las Animas to	**22**	**2020MST**	**1**	**100**	**0**	**0**			**Tornado (F0)**
31 SE Las Animas		**2022MST**							
A short-lived tornado moved through open country causing no known damage.									
Baca County									
25 NW Springfield	**22**	**2050MST**			**0**	**0**			**Hail (1.50)**
		2055MST							

Storm Data and Unusual Weather Phenomena

July 2000

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
COLORADO, South Central and Southeast									
Baca County									
23 WNW Springfield	**22**	**2104MST** **2109MST**			**0**	**0**			**Hail (2.00)**
El Paso County									
10 W Colorado Spgs	**25**	**1159MST**			**1**	**0**			**Lightning**
18 year old male was killed by initial lightning strike of a developing thunderstorm as he was standing in a boulder field very near the top of Pikes Peak. M18OU									
Baca County									
Two Buttes	**27**	**1713MST** **1718MST**			**0**	**0**			**Hail (0.75)**
El Paso County									
Colorado Spgs	**28**	**1335MST** **1340MST**			**0**	**0**			**Hail (0.75)**
El Paso County									
Colorado Spgs	**28**	**1352MST** **1405MST**			**0**	**0**			**Hail (0.75)**
El Paso County									
18 E Colorado Spgs	**28**	**1405MST** **1410MST**			**0**	**0**			**Hail (0.75)**
El Paso County									
Green Mtn Falls	**28**	**1630MST**			**0**	**1**			**Lightning**
A 55-year-old woman was injured when a lightning flash hit a tree near where she was standing. She was treated at a local hospital. Her right arm was paralyzed, and it was not known whether it was permanent.									
El Paso County									
9 SE Calhan	**28**	**1650MST**			**0**	**0**			**Hail (0.88)**
COLORADO, West									
Rio Blanco County									
16 NW Meeker	**01** **02**	**1300MST** **1600MST**			**0**	**0**			**Wild/Forest Fire**
Lightning sparked a wildfire which consumed 120 acres of forest.									
Mesa County									
2 W Gateway	**03** **09**	**1400MST** **1700MST**			**0**	**0**			**Wild/Forest Fire**
Lightning sparked a wildfire which burned 4960 acres.									
Moffat County									
70 W Craig	**03** **16**	**1600MST** **2000MST**			**0**	**0**			**Wild/Forest Fire**
A lightning caused wildfire consumed over 11,000 acres in extreme northwest Colorado.									
Rio Blanco County									
15 SW Rangely	**04** **08**	**1800MST** **1900MST**			**0**	**0**			**Wild/Forest Fire**
A lightning ignited fire consumed 747 acres of trees and brush.									
Archuleta County									
4 WSW Chromo	**07**	**1245MST**			**0**	**1**			**Lightning**
A man was struck by lightning while fishing along the shores of the Navajo River. The man lived, although he suffered significant burns as the lightning entered through his right hand and exited in out of the lower part of his body.									
Moffat County									
5 S Elk Spgs	**08** **09**	**1230MST** **1600MST**			**0**	**0**			**Wild/Forest Fire**
Lightning ignited a wildfire which burned 14 acres.									
Routt County									
24 SW Steamboat Spgs	**08**	**1300MST** **2000MST**			**0**	**0**			**Wild/Forest Fire**
Lightning ignited a wildfire which consumed 20 acres of forest.									
San Miguel County									
2 E Ophir to **3 E Ophir**	**08**	**2000MST** **2130MST**			**0**	**0**			**Flash Flood**
Heavy rains from a slow moving thunderstorm resulted in flash flooding of Chapman Gulch. The flooding trapped a motorist who drove through the Gulch moments earlier with water reaching the hood of the vehicle. The motorist was able to vacate the area the next morning after the waters had receded.									

Storm Data and Unusual Weather Phenomena

July 2000

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
COLORADO, West									
Gunnison County									
Pitkin	**15**	**1555MST**			**0**	**0**			**Hail (0.88)**
		1557MST							
Pitkin County									
14 SSW Aspen	**15**	**1700MST**			**0**	**1**			**Lightning**
A group of four people were hiking near Conundrum Hot Springs when one of the hikers was struck by lightning. The victim's clothing was shredded and her boots were blown off. The lightning victim also was bleeding from the ears and nose and had burns on her chest and feet.									
Delta County									
Delta	**15**	**1705MST**			**0**	**0**			**Hail (0.75)**
		1707MST							
Hinsdale County									
14 WSW Slumgullion Pa	**16**	**1230MST**			**0**	**0**	**2K**		**Flash Flood**
13 SW Slumgullion Pass									
Heavy rains which fell for about 60 minutes resulted in rapid water runoff and numerous mud and rock slides off of Sunshine Mountain. There were 10 large debris slides along a three mile stretch of the Burrows Park/Cinnamon Pass Road. Each slide covered 50 to 60 yards of the road. Debris from three of the slides was 10 to 12 feet deep on the road, while the other debris deposits were 4 to 6 feet deep on the road. At least a dozen vehicles were trapped between the slides. And several vehicles were hit by smaller slides and received some damage. 48 people were trapped by the slides and had to be evacuated. It took the county road crew about a week to remove the debris from the road.									
Dolores County									
6 ESE Cahone	**16**	**1600MST**			**0**	**0**			**Wild/Forest Fire**
	19	**2200MST**							
Lightning sparked a wildfire which consumed 60 acres of ponderosa pine and oak brush.									
Moffat County									
5 SE Maybell	**17**	**1300MST**			**0**	**0**			**Wild/Forest Fire**
	19	**1400MST**							
Lightning ignited a wildfire which consumed approximately 69 acres of rangeland.									
Ouray County									
4 S Ridgeway	**17**	**1330MST**			**0**	**0**			**Hail (0.75)**
		1332MST							
Routt County									
20 N Steamboat Spgs	**17**	**1400MST**			**0**	**0**			**Wild/Forest Fire**
	20	**2000MST**							
Lightning ignited a fire in the Routt National Forest. The fire consumed 10 acres of trees which had been blown over during a previous winter event. The fire was in a remote area and required the use of air tankers and helicopters to extinguish the blaze.									
Moffat County									
25 NNE Dinosaur	**17**	**1430MST**			**0**	**0**			**Wild/Forest Fire**
	18	**2000MST**							
Lightning ignited a wildfire which consumed 30 acres.									
San Miguel County									
2 NE Norwood	**17**	**1440MST**			**0**	**0**			**Hail (0.75)**
		1450MST							
San Miguel County									
5 W Telluride	**17**	**1500MST**			**0**	**0**			**Hail (0.75)**
		1503MST							
Rio Blanco County									
2 N Rangely	**17**	**1615MST**			**0**	**0**			**Thunderstorm Wind (G50)**
		1617MST							
Eagle County									
Gypsum	**17**	**1924MST**			**0**	**0**			**Thunderstorm Wind (G60)**
		1926MST							
Rio Blanco County									
12 WNW Meeker	**18**	**1400MST**			**0**	**0**			**Wild/Forest Fire**
	22	**1900MST**							
Lightning ignited a wildfire which consumed 26 acres.									
Routt County									
12 N Steamboat Spgs	**18**	**1500MST**			**0**	**0**			**Wild/Forest Fire**
	20	**2000MST**							
Lightning ignited a fire in the Routt National Forest. The fire consumed 6 acres of trees which had been blown over during a previous winter event.									
Rio Blanco County									
20 WNW Meeker	**19**	**1300MST**			**0**	**0**			**Wild/Forest Fire**
		1900MST							

Storm Data and Unusual Weather Phenomena

July 2000

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
COLORADO, West									
		Lightning ignited a wildfire which consumed 38 acres.							
Rio Blanco County									
30 E Rangely	**19**	**1500MST**			**0**	**0**			**Wild/Forest Fire**
	21	**1800MST**							
		Lightning ignited a wildfire which consumed 650 acres.							
Montezuma County									
Mesa Verde Natl Park	**19**	**1830MST**			**0**	**0**	**40K**		**Wild/Forest Fire**
	31	**1830MST**							
		Lightning ignited a fire in Mesa Verde National Park and spread into a portion of the Ute Mountain Indian Reservation which borders the southeast part of the Park. The fire consumed over 23,000 acres of trees and brush. Over 1000 firefighters fought the blaze.							
Rio Blanco County									
12 SE Rangely	**20**	**1700MST**			**0**	**0**			**Wild/Forest Fire**
	24	**1700MST**							
		Lightning ignited a fire southeast of Rangely, Colorado. The fire consumed over 1500 acres of brush and timber.							
Rio Blanco County									
15 SW Meeker	**22**	**1530MST**			**0**	**0**			**Wild/Forest Fire**
	27	**1600MST**							
		Lightning caused a wildfire which consumed over 3400 acres.							
Montezuma County									
19 NW Cortez	**22**	**1700MST**			**0**	**0**			**Wild/Forest Fire**
	26	**1830MST**							
		Lightning sparked a wildfire which consumed in excess of 1500 acres of pinon-juniper brush.							
Moffat County									
10 W Massadona	**24**	**1200MST**			**0**	**0**			**Wild/Forest Fire**
		2000MST							
		Lightning ignited a wildfire which consumed 40 acres.							
Moffat County									
10 ENE Elk Spgs	**24**	**1200MST**			**0**	**0**			**Wild/Forest Fire**
		2100MST							
		Lightning ignited a wildfire which consumed 20 acres.							
Moffat County									
5 N Massadona	**24**	**1300MST**			**0**	**0**			**Wild/Forest Fire**
	25	**1430MST**							
		Lightning ignited a wildfire which consumed 100 acres.							
Moffat County									
8 W Massadona	**24**	**1330MST**			**0**	**0**			**Wild/Forest Fire**
		1700MST							
		Lightning ignited a wildfire which burned 8 acres.							
Rio Blanco County									
18 NW Meeker	**24**	**1400MST**			**0**	**0**			**Wild/Forest Fire**
	27	**1600MST**							
		Lightning caused a wildfire which consumed 500 acres.							
Rio Blanco County									
20 W Meeker	**24**	**1400MST**			**0**	**0**			**Wild/Forest Fire**
	28	**1400MST**							
		Lightning ignited a wildfire which consumed 37 acres.							
Montezuma County									
6 N Cortez	**24**	**1400MST**			**0**	**0**			**Wild/Forest Fire**
		1900MST							
		Lightning sparked a wildfire which burned approximately 3 acres.							
Moffat County									
3 E Dinosaur	**24**	**1430MST**			**0**	**0**			**Wild/Forest Fire**
	26	**1600MST**							
		A lightning sparked wildfire consumed 90 acres.							
Moffat County									
15 SW Craig	**24**	**1430MST**			**0**	**0**			**Wild/Forest Fire**
		2030MST							
		Lightning ignited a wildfire which consumed 30 acres.							
Rio Blanco County									
25 NE Rangely	**24**	**1500MST**			**0**	**0**			**Wild/Forest Fire**
	30	**1900MST**							
		A lightning caused wildfire consumed 8,603 acres.							
Rio Blanco County									
18 NW Meeker	**24**	**1500MST**			**0**	**0**			**Wild/Forest Fire**
	27	**2000MST**							

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
COLORADO, West									
		Lightning ignited a wildfire which burned 6 acres.							
Rio Blanco County									
20 W Meeker	**25**	**1330MST**			**0**	**0**			**Wild/Forest Fire**
	27	**1500MST**							
		Lightning sparked a wildfire which consumed 95 acres.							
Eagle County									
(Ege)Eagle	**25**	**1355MST**			**0**	**0**			**Thunderstorm Wind (G50) M**
		A microburst struck the Eagle County Regional Airport. Extensive dust was picked up by the winds. However, no damage was reported.							
Moffat County									
12 W Great Divide	**25**	**1630MST**			**0**	**0**			**Wild/Forest Fire**
		1700MST							
		Lightning ignited a wildfire which consumed 1500 acres.							
Moffat County									
8 N Great Divide	**26**	**1300MST**			**0**	**0**			**Wild/Forest Fire**
		2100MST							
		Lightning sparked a wildfire which consumed 590 acres.							
Archuleta County									
Chimney Rock	**26**	**1500MST**			**0**	**0**			**Flash Flood**
		1530MST							
		Heavy rains which fell for about 60 minutes resulted in rapid water runoff along with mud and rock slides across Highway 160 near Chimney Rock.							
La Plata County									
15 NE Durango	**26**	**1525MST**			**0**	**0**			**Hail (0.75)**
		1530MST							
CONNECTICUT, Northeast									
Hartford County									
Bristol	**26**	**2200EST**			**0**	**0**			**Heavy Rain**
	27	**1400EST**							
		Tropical moisture surging northward combined with a slow moving frontal boundary south of New England to bring heavy rain to Hartford County. Bristol reported 3.10 inches of rain, Bradley International Airport in Windsor Locks had 3.01 inches of rain, and Granby reported a storm total of 3.00 inches.							
CONNECTICUT, Northwest									
Litchfield County									
Bantam	**15**	**1750EST**			**0**	**0**			**Flood**
		2350EST							
Litchfield County									
New Milford	**15**	**1751EST**			**0**	**0**	**10K**		**Flood**
		2355EST							
CTZ001	**Litchfield**								
	16	**2000EST**			**0**	**0**			**Flood**
		A stalled frontal boundary across northwest Connecticut interacted with a strong upper level disturbance from July 15 into July 16. The result, was a slow moving low pressure area which formed over Virginia. This low pumped a deep layer of tropical air into the region, resulting in a heavy rainstorm. Rainfall ranged from three to locally more than five inches. Specific amounts included 3.66 inches at Bakersville, and 5.20 at Bulls Bridge. The rainfall resulted in enough runoff to cause the Aspatuk River to rise quickly out of its banks. Flooding was also noted on State Highway Route 7 in Falls Village. Also, a skywarn spotter observed flooding in Bantam.							
		Runoff from the heavy rains caused the Housatonic River to swell briefly above the seven foot flood stage at Falls Village by July 17.							
CONNECTICUT, Southern									
Fairfield County									
Newtown	**15**	**1945EST**			**0**	**0**			**Flood**
New Haven County									
Hamden to North Branford	**15**	**2120EST**			**0**	**0**			**Flood**
		Bands of heavy rain, oriented from southeast to northwest, developed across the region. Heavy rainfall caused serious and widespread flooding of low-lying and poor drainge areas, especially along streets in Newtown, Hamden, and North Branford. A spotter from Hamden reported a 3 hour rainfall amount of 2.33 inches from 7:20 pm to 10:20 pm EDT.							
		The heaviest rain fell from Central Fairfield County east across Central New Haven County, where amounts ranged from 2 1/2 to around 5 inches. Here are selected rainfall amounts for:							

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

CONNECTICUT, Southern

Fairfield County: 5.40 inches at Saugatuck reservoir, 4.65 inches at Shelton, and 2.68 inches at both Danbury and Bethel.

New Haven County: 4.44 inches at Ansonia, 3.58 inches at Hamden, and 3.55 inches at North Branford.

Less than 2 inches of rain fell across Middlesex and New London Counties.

Fairfield County									
Countywide	**26**	**0800EST**			**0**	**0**			**Heavy Rain**
		2000EST							
Middlesex County									
Countywide	**26**	**0800EST**			**0**	**0**			**Heavy Rain**
		2000EST							
New Haven County									
Countywide	**26**	**0800EST**			**0**	**0**			**Heavy Rain**
		2000EST							

As a low pressure system moved north along the Mid-Atlantic Coast, periods of heavy rain occurred across the region. Rain developed between 2 and 3 am EDT on July 26th and ended around 9 am on July 27th. The heaviest rain occurred from around 9 am to 9 pm on the 26th. Rainfall amounts ranged from around 2 to around 3 inches.

Here are selected rainfall amounts for:

Fairfield County: from 2.38 inches at Bridgeport to 3.85 inches at Putnam Lake.

New Haven County: from 1.96 inches at Guilford to 2.56 inches at North Branford.

Middlesex County: 2.35 inches was measured at Haddam.

DELAWARE

Sussex County									
Rehoboth Beach	**10**	**2100EST**			**0**	**0**		**0**	**Lightning**

A lightning strike ignited an electrical fire in a Rehoboth Beach condominium. There were no serious injuries. The time is estimated.

Sussex County									
Northeast Portion	**14**	**1700EST**			**0**	**0**			**Flash Flood**
	15	**0300EST**							
Sussex County									
Ellendale to Milton	**14**	**1730EST**			**0**	**0**		**0**	**Lightning**

Thunderstorms with torrential downpours and frequent lightning caused flash flooding in the northeast part of the county. The flooding coincided with the Friday evening exodus to the shore. Doppler Radar storm total estimates indicated an excess of 4 inches of rain fell from the Ellendale area southeast through Dewey Beach. The heaviest rain fell in the Cedar Creek and Broadkill (north of Milton) Hundreds. A weather station at the Rookery Golf Course measured 12 inches of rain which appears in line with the Doppler Radar storm total estimates in the county.

About a dozen vehicles became stranded in high water. Passengers were perched atop the roofs of the vehicles. Stranded motorists were sheltered at the Eagle's Nest Church and the Milton Fire Hall. Both Delaware State Routes 1 and 16 were closed due to the flooding. Delaware State Route 1 between Delaware State Route 16 and Five Points in Lewes was closed from 930 p.m. EDT on the 14th through 4 a.m. EDT on the 15th. Traffic from Delaware State Route 1 (which was backed up to Dover) was routed onto U.S. Route 113. Delaware State Route 16 was closed from U.S. Route 113 in Ellendale to Delaware State Route 1 northeast of Milton. Traffic was diverted onto Delaware State Route 5. Torrential rain also affected the shore. In Rehoboth Beach, 4.5 inches of rain fell in 90 minutes. Five major roadways were flooded. Downtown businesses suffered flood damage as the water and debris were too much for the storm drains. Water levels reached 8 inches in some stores and trash barrels in the streets were tipping over.

The lightning ignited three house fires in Ellendale and Milton. One house's wiring was fried, but no serious injuries were reported. A fire truck responding to one of the fires stalled in fender deep flood waters. Other reported storm totals included 4.21 inches in Lewes, 4.00 inches in Milton, 3.16 inches in Milford, 3.00 inches in Georgetown and 2.57 inches in Greenwood.

DEZ001>004	**New Castle - Kent - Inland Sussex - Delaware Beaches**								
	31	**2359EST**			**0**	**0**			**Unseasonably Cool & Wet**

July 2000 was one of the coolest and wettest Julys on record for the state of Delaware. At the New Castle County Airport, the monthly mean temperature of 72.9 degrees was 3.5 degrees below normal and the 2nd coolest July since 1900 and the coolest July since 1962 (monthly mean temperature of 72.6 degrees). On a county weighted average, all of Delaware was wetter than normal. July monthly rainfall (on a county weighted average) ranged from 4.7 inches in New Castle County to 5.2 inches in Kent County to 6.7 inches in Sussex County. Normal monthly rainfall is around 4 inches.

Storm Data and Unusual Weather Phenomena

July 2000

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

DISTRICT OF COLUMBIA

District Of Columbia

Northwest Portion **28** **1922EST** **0** **0** **0.50K** **Thunderstorm Wind**

Trees were downed on Kingle and Adams Mills Road.

A thunderstorm that produced winds in excess of 55 MPH moved across the District during the evening of the 28th. Trees were downed on Kingle and Adams Mills Roads.

FLORIDA, East Central

Seminole County

Casselberry **07** **1530EST** **0** **0** **10K** **Thunderstorm Wind (G50)**

Thunderstorm winds blew down trees in Casselberry. The roof of a house was damaged by falling trees.

Seminole County

Oviedo **07** **1530EST** **0** **0** **10K** **Thunderstorm Wind (G55)**

Thunderstorm winds blew down large limbs and damaged awnings and roofs in Oviedo. Winds were estimated at 60 mph.

Osceola County

St Cloud **07** **1545EST** **0** **0** **Hail (0.75)**

Volusia County

De Land **07** **1545EST** **0** **0** **20K** **Thunderstorm Wind (G55)**

Thunderstorm winds blew down power lines over much of De Land

Volusia County

2 S Edgewater **07** **1545EST** **0** **0** **Thunderstorm Wind (G50)**

Thunderstorm winds blew down numerous trees south of Edgewater.

Orange County

Orlando **07** **1615EST** **0** **0** **30K** **Thunderstorm Wind (G50)**

Thunderstorm wind blew down trees and power lines and damaged the roof of a house. Falling trees damaged some houses.

Brevard County

Mims **07** **1645EST** **0** **0** **Thunderstorm Wind (G50)**

Thunderstorm winds blew down a few trees in the Mims area.

Orange County

3 SE Orlando **16** **1815EST** **0** **0** **Thunderstorm Wind (G55)**

A few small trees were blown down in the Wedgefield community east of Orlando.

Orange County

Winter Park **19** **1730EST** **0** **0** **Thunderstorm Wind (G50)**

Thunderstorm winds blew down two trees and large limbs in Winter Park.

Seminole County

Lake Mary **19** **1740EST** **0** **0** **100K** **Thunderstorm Wind (G60)**

Thunderstorm winds damaged 4 houses and blew down trees in the Lake Mary area.

Lake County

Leesburg **20** **1825EST** **0** **0** **100K** **Thunderstorm Wind (G60)**

Strong downburst winds swept through the Leesburg area, blowing down trees and power lines. Two airplanes were flipped over at the Leesburg Airport. Three mobile homes were damaged, one seriously. Roofs were damaged at two restaurants and one business.

Lake County

Lady Lake **20** **1828EST** **0** **0** **Thunderstorm Wind (G50)**

Thunderstorm winds blew down trees and damaged roofs of homes in the Villages area in Lady Lake.

Lake County

Leesburg **20** **1828EST** **0** **0** **Funnel Cloud**

Leesburg law enforcement reported a funnel cloud at Lake Square Mall in Leesburg.

Lake County

Leesburg **20** **1830EST** **0** **0** **Hail (0.75)**

Lake County

Tavares **20** **1840EST** **0** **0** **50K** **Thunderstorm Wind (G60)**

Strong downburst winds blew down trees and damaged a river cruise boat near Tavares.

Lake County

Leesburg **20** **1828EST** **0** **0** **Funnel Cloud**

Law enforcement reported a funnel cloud in Leesburg.

St. Lucie County

Port St Lucie **21** **1710EST** **0** **0** **8K** **Thunderstorm Wind (G50)**

Thunderstorm winds blew down a few trees and power lines in Port Saint Lucie. A small travel trailer and a porch screen was damaged.

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
FLORIDA, East Central									
Orange County									
7 SE Orlando	**25**	**1535EST**			**0**	**0**			**Hail (0.88)**
Orange County									
5 SW Orlando Intl Arpt	**26**	**1650EST**			**0**	**0**			**Hail (0.75)**
Lake County									
Paisley	**26**	**1725EST**			**0**	**0**			**Hail (0.75)**
Volusia County									
Deltona	**26**	**1900EST**			**0**	**1**	**12K**		**Thunderstorm Wind (G55)**
Thunderstorm winds blew down power lines and trees in the Deltona Area. One woman was injured when a tree fell on her car as she was driving in Deltona.									
Lake County									
2 S Leesburg	**29**	**1800EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds blew down two trees just south of Leesburg.									
Brevard County									
Palm Bay	**30**	**1400EST**			**1**	**0**			**Lightning**
A 62 year old man was struck by lightning on a golf course in Palm Bay. He died of his lightning injuries on 08/01/00. M62GF									
FLORIDA, Extreme Southern									
Monroe County									
(Eyw)Key West Inl Ar	**01**	**1640EST** **1647EST**			**0**	**0**			**Waterspout**
Waterspout observed 5 miles Northwest of Key West Airport									
Monroe County									
Big Pine Key	**01**	**1820EST** **1830EST**	**0.2**	**10**	**0**	**0**	**15K**		**Tornado (F0)**
Waterspout moved onshore along the south end of Big Pine Key. Damaged a bed and breakfast Inn.									
Monroe County									
Marathon	**02**	**2245EST** **2255EST**			**0**	**0**			**Waterspout**
Waterspout observed 2 miles north of Marathon									
Monroe County									
(Eyw)Key West Inl Ar	**06**	**1357EST** **1404EST**			**0**	**0**			**Waterspout**
Waterspout observed 5 miles northeast of Key West airport.									
Monroe County									
Marathon	**16**	**1300EST** **1312EST**			**0**	**0**			**Waterspout**
Waterspout observed 3 miles north of Key Colony Beach									
Monroe County									
Duck Key	**16**	**1405EST** **1415EST**			**0**	**0**			**Waterspout**
5 waterspouts observed 4 miles north of Conch Key									
Monroe County									
Duck Key	**22**	**0938EST** **0950EST**			**0**	**0**			**Waterspout**
Waterspout observed 1 mile south of DuckKey.									
Monroe County									
Big Coppit Is	**22**	**1718EST** **1737EST**			**0**	**0**			**Waterspout**
Waterspout observed 4 miles north of the Saddlebunch Keys.									
Monroe County									
Summerland Key	**22**	**1735EST**			**0**	**0**			**Waterspout**
Waterspout observed 2 miles north of upper Sugarloaf Key.									
Monroe County									
(Eyw)Key West Inl Ar	**23**	**1238EST** **1245EST**			**0**	**0**			**Waterspout**
Waterspout observed 20 miles northeast of Key West Airport.									
Monroe County									
(Eyw)Key West Inl Ar	**23**	**1449EST** **1500EST**			**0**	**0**			**Waterspout**
Waterspout observed 65 miles northwest of Key West airport.									
Monroe County									
Key West	**26**	**1650EST**			**0**	**1**			**Lightning**
Lightning struck a boat just west of Key West. 5 people were knocked out of the boat with one person injured with burns.									

Storm Data and Unusual Weather Phenomena

July 2000

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
FLORIDA, Extreme Southern									
Monroe County									
Marathon	**26**	**2248EST**			**0**	**0**			**Waterspout**
		2259EST							
Waterspout observed 4 miles west of Marathon.									
Monroe County									
Duck Key	**28**	**1013EST**			**0**	**0**			**Waterspout**
		1050EST							
Large waterspout observed 1 miles south of Duck Key.									
Monroe County									
Duck Key	**28**	**1025EST**			**0**	**0**			**Waterspout**
		1035EST							
Waterspout observed 5 miles southwest of Duck Key.									
Monroe County									
(Eyw)Key West Inl Ar	**28**	**1425EST**			**0**	**0**			**Waterspout**
		1449EST							
Waterspout observed 3 miles southwest of Key West Airport.									
Monroe County									
(Eyw)Key West Inl Ar	**28**	**1747EST**			**0**	**0**			**Waterspout**
		1759EST							
Waterspout observed 4 miles northwest of Key West Airport.									
Monroe County									
Big Coppit Is	**28**	**1750EST**			**0**	**0**			**Waterspout**
		1802EST							
Waterspout observed 4 miles of Big Coppit.									
Monroe County									
Key West	**28**	**1848EST**			**0**	**0**	**0**		**Urban/Sml Stream Fld**
		1930EST							
Minor street flooding along streets adnin business in downtown Key West.									
Monroe County									
Marathon	**29**	**1826EST**			**0**	**0**			**Waterspout**
		1834EST							
Waterspout observed 3 miles north-northwest of Marathon.									
FLORIDA, Northeastern									
Duval County									
5 N Craig Muni Arpt	**07**	**1430EST**			**0**	**1**	**50K**		**Tstm Wind/Hail**
JEA tower under construction collapsed during with a gust of wind.									
Flagler County									
Flagler Beach	**07**	**1515EST**			**0**	**0**			**Thunderstorm Wind (G65) M**
Flagler County									
Bunnell	**07**	**1521EST**			**0**	**0**			**Hail (0.88)**
Alachua County									
Hawthorne	**07**	**1735EST**			**0**	**0**			**Funnel Cloud**
Suwannee County									
Live Oak	**07**	**1750EST**			**0**	**0**	**20K**		**Thunderstorm Wind**
Large trees and power lines were blown down. One mobile home destroyed.									
Marion County									
Orange Spgs	**07**	**1824EST**			**0**	**0**	**50K**		**Thunderstorm Wind**
Roof blown was blown of a house at 107th Av. and 157 Ln.									
Suwannee County									
Live Oak	**11**	**1715EST**			**0**	**0**			**Hail (1.00)**
Marion County									
Ocala	**11**	**1820EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									
Baker County									
Macclenny	**11**	**1825EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									
Clay County									
Middleburg	**11**	**1830EST**			**0**	**0**	**2.5K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									
Clay County									
Orange Park	**11**	**1830EST**			**0**	**0**			**Funnel Cloud**
Clay County									
Middleburg	**11**	**1900EST**			**0**	**0**			**Hail (0.88)**

Storm Data and Unusual Weather Phenomena

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
FLORIDA, Northeastern									
St. Johns County									
Riverdale	**16**	**1131EST**			**0**	**0**	**1.5K**		**Thunderstorm Wind**
Large trees were blown down.									
St. Johns County									
Riverdale	**16**	**1131EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Large trees were blown down.									
Union County									
Lake Butler	**16**	**1140EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									
Union County									
Lake Butler	**16**	**1145EST**			**0**	**0**			**Hail (0.75)**
Union County									
Lake Butler	**16**	**1140EST**			**0**	**0**			**Funnel Cloud**
Flagler County									
Countywide	**16**	**1230EST**			**0**	**0**			**Wild/Forest Fire**
Small brush fires due to lightning.									
Bradford County									
Lawtey	**16**	**1240EST**			**0**	**0**	**1.5K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									
Alachua County									
1 S Gainesville	**16**	**1406EST**			**0**	**0**			**Hail (0.75)**
Alachua County									
Waldo	**16**	**1500EST**			**0**	**0**	**2.5K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									
Alachua County									
Monteocha	**16**	**1515EST**			**0**	**0**	**1.5K**		**Thunderstorm Wind**
Large trees were blown down.									
Alachua County									
Gainesville	**16**	**1525EST**			**0**	**0**			**Funnel Cloud**
Over University of Florida's campus.									
Alachua County									
Gainesville	**16**	**1530EST** **1630EST**			**0**	**0**	**10K**		**Flood**
Numerous streets and roads flooded.									
Alachua County									
Gainesville	**16**	**1530EST**			**0**	**0**	**150K**		**Thunderstorm Wind**
Home damaged. Numerous reports of trees and power lines blown dow. More than 4000 homes in the western sections of the county experenced power outages.									
Alachua County									
Gainesville	**16**	**1545EST**			**0**	**0**	**40K**		**Lightning**
Destroyed a mobile home.									
Suwannee County									
3.1 SW Falmouth to 3 SE Falmouth	**20**	**1435EST**	**0.1**	**10**	**0**	**0**	**1K**		**Tornado (F0)**
Weak FO. Large trees were damaged.									
Gilchrist County									
Bell	**20**	**1515EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Large trees were blown down.									
St. Johns County									
10 E Hastings	**20**	**1540EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Fruit stands damaged at I-95 truck stop.									
Alachua County									
1 E La Crosse	**20**	**1545EST**			**0**	**0**			**Funnel Cloud**
Clay County									
Green Cove Spgs	**20**	**1605EST**			**0**	**0**	**3.5K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									
Columbia County									
2 W Lake City	**20**	**1615EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Mobile home damaged.									
Putnam County									
Florahome	**20**	**1621EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									

Storm Data and Unusual Weather Phenomena

July 2000

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
FLORIDA, Northeastern									
Putnam County									
Satsuma	**20**	**1700EST**			**0**	**0**	**25K**		**Thunderstorm Wind**
One mobile home damaged. Large trees and power lines were blown down.									
Clay County									
5 SE Middleburg	**20**	**1715EST**			**0**	**0**	**2.5K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									
Clay County									
Keystone Hgts	**20**	**1818EST**			**0**	**0**	**20K**		**Thunderstorm Wind**
Roof blown off a mobile home.									
Clay County									
Middleburg	**26**	**1730EST**			**0**	**0**	**2.5K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									
Clay County									
Keystone Hgts	**26**	**1815EST**			**0**	**0**			**Hail (2.00)**
Columbia County									
Mt Carrie	**30**	**1720EST**			**0**	**0**			**Hail (1.75)**
FLORIDA, Northwest									
Bay County									
10 E Panama City to	**05**	**1330EST**			**0**	**0**	**10K**		**Wild/Forest Fire**
11 E Panama City	**13**	**0900EST**							
A 63-acre controlled burn went awry in the East Callaway Heights area. The blaze which was contained eight days later, scorched nearly 1,000 acres. Numerous homes were threatened, but there were no mandatory evacuations. A barn and a shed were consumed at a residence on Dogwood Way. More than 100 firefighters and the Florida Division of Forestry fought the blaze. County officials closed a section of State Road 22 between Star Avenue and the Bay County line due to smoke. Reported by the Panama City News Herald.									
Gulf County									
Southwest Portion	**08**	**1400EST**			**0**	**0**			**Wild/Forest Fire**
	17	**1700EST**							
Lightning sparked a wildfire at the tip of St. Joseph Peninsula. The blaze consumed approximately 650 acres. Reported by the Gulf County Star.									
Jefferson County									
2 S Aucilla	**11**	**1610EST**			**0**	**0**			**Hail (1.25)**
Quarter size hail. Reported by the Jefferson County Sheriff.									
Jefferson County									
2 S Aucilla	**11**	**1610EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Numerous trees and power lines down near County Road 257 and U.S. Highway 90. Reported by the Jefferson County Sheriff.									
Jackson County									
6 S Graceville	**12**	**1515EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Trees down on State Road 77. Reported by the Jackson County EMA.									
Liberty County									
Northwest Portion	**12**	**1540EST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
A few large trees down. Reported by the Liberty County EMA.									
Bay County									
Allanton	**14**	**1430EST**			**0**	**0**			**Wild/Forest Fire**
		2300EST							
Lightning ignited a wildfire just southeast of the intersection of Alvie Road and County Road 2297 in Allanton. The blaze consumed nearly 700 acres. Firefighters from Bay County, the Florida Division of Forestry, and Callaway battled the blaze. No homes were threatened. Reported by the Panama City News Herald.									
Liberty County									
Telogia	**14**	**1640EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
		1645EST							
Skirting blown off a trailer. Reported by the Liberty County Sheriff.									
Leon County									
6 W Tallahassee	**14**	**1645EST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
Two large oak trees down just south of State Road 20. Reported by a WTXL-TV meteorologist.									
Madison County									
10 SE Madison to	**16**	**1500EST**			**0**	**0**			**Hail (1.00)**
12 SE Madison									
Dime to quarter size hail along State Road 53. Reported by the Madison County EMA.									
Lafayette County									
1 S Mayo	**16**	**1515EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Downed trees and power lines at the intersection of County Road 355 and State Road 51. Reported by the Lafayette County Sheriff.									

Storm Data and Unusual Weather Phenomena

July 2000

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
FLORIDA, Northwest									
Washington County									
4 WNW Vernon	**16**	**1515EST** **1520EST**			**0**	**0**	**10K**		**Thunderstorm Wind**
A home, neighboring barn and vehicle were damaged off State Road 170. Another home sustained minor roof damage. Reported by the Washington County Sheriff.									
Taylor County									
Perry	**16**	**1530EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Downed trees on power lines. Reported by the Taylor County Sheriff.									
Taylor County									
5 NW Keaton Beach	**16**	**1600EST** **1615EST**			**0**	**0**	**10K**		**Thunderstorm Wind**
A gazebo was destroyed. Numerous downed trees and power lines on roads in the Shady Grove, Yates Creek and Ocean Pond subdivisions. Reported by the Taylor County EMA.									
Taylor County									
Steinhatchee	**16**	**1630EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Downed trees on power lines. Reported by the Taylor County Sheriff.									
Dixie County									
Countywide	**16**	**1745EST** **1815EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Numerous downed trees and power lines. Scattered power outages. Reported by the Dixie County Sheriff.									
Dixie County									
2 E Old Town	**16**	**1815EST**			**0**	**0**	**50K**		**Lightning**
A mobile home near the Suwannee River was destroyed. Reported by the Dixie County Sheriff.									
Jackson County									
Marianna	**16**	**1955EST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
A few large trees and large limbs down in a residential area. Reported by WTYS Radio.									
Jackson County									
Dellwood	**16**	**2000EST**			**0**	**0**	**25K**		**Thunderstorm Wind**
A mobile home was severely damaged by fallen trees. Numerous downed trees and power lines on Grimsley and Hussey Roads just south of Dellwood. Reported by the Jackson County Sheriff.									
Calhoun County									
Altha	**16**	**1505EST**			**0**	**0**	**20K**		**Thunderstorm Wind**
A home suffered minor roof damaged, two sheds were damaged and tree tops were blown off. Reported by the Calhoun County Record.									
Gulf County									
Southwest Portion	**17**	**1100EST** **2000EST**			**0**	**0**			**Wild/Forest Fire**
Lightning sparked a wildfire in the Ed Ball Wildlife Management Area. The blaze consumed approximately 500 acres. Reported by the Gulf County Star.									
Bay County									
4 NE Allanton to 5 NE Allanton	**17**	**1400EST**			**0**	**0**			**Wild/Forest Fire**
Lightning was blamed for a wildfire in the Sandy Creek area which consumed more than 500 acres. The blaze was confined to a underdeveloped area between County Road 2297 and Old Sandy Creek Road. Two families were evacuated off of Laura Bluff Road. Reported by the Panama City News Herald.									
Leon County									
6 E Tallahassee	**20**	**1350EST**			**0**	**0**			**Hail (1.25)**
Half dollar size hail on Apalachee Parkway. Reported by the public.									
Leon County									
8 E Tallahassee	**20**	**1350EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
A large tree fell on a vehicle with other smaller trees and limbs down on Copper Creek Drive. Some tree tops snapped. Reported by the public.									
Wakulla County									
Countywide	**20**	**1350EST** **1415EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Portions of Sopchoppy and St. Marks reported scattered trees and limbs down. Other downed trees and limbs closed State Roads 363, 267, 61 and Wakulla Arran Road. Some power lines were knocked down with scattered power outages countywide. The most extensive outages occurred in northeast Wakulla County where power was out for nine hours. Just north of Crawfordville, a few large pines were down blocking traffic on U.S. Highway 319. Reported by the Wakulla County EMA and an off-duty NWS employee.									
Leon County									
15 E Tallahassee	**20**	**1400EST**			**0**	**0**	**30K**		**Thunderstorm Wind**
Two mobile homes damaged on Goodview Lane off U.S. Highway 27. Reported by a WOWT-TV meteorologist.									
Leon County									
7 E Tallahassee	**20**	**1400EST**			**0**	**0**	**25K**		**Thunderstorm Wind**

Storm Data and Unusual Weather Phenomena

July 2000

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

FLORIDA, Northwest

Several large pine trees and power lines snapped in the Pine Meadows subdivision. One tree fell on a house on Pine Cone Road and others blocked the road. Reported by a Chaires Capitola Fire Department volunteer.

Leon County
Woodville to **20** **1410EST** **0** **0** **200K** **Thunderstorm Wind**
3 S Woodville **1415EST**

Two frame homes sustained major damage and one received minor damage. Two mobile homes and a business were damaged. Numerous trees snapped and power lines down. The damage path extended along State Road 363 (Woodville Highway) from Woodville to the Wakulla County line. Reported by the Florida EOC.

Leon County
7 ENE Tallahassee **20** **1415EST** **0** **0** **0.50K** **Thunderstorm Wind**

A few large trees down on Smoke Rise Lane. Reported by the public.

Gulf County
Overstreet **20** **1423EST** **0** **0** **Hail (0.75)**

Dime size hail. Reported by the Gulf County EMA.

Gulf County
Dalkeith **20** **1430EST** **0** **0** **300K** **Thunderstorm Wind**

Ten mobile homes damaged (one severely) and one frame home severely damaged near State Road 71 and Overstreet Road. One mobile home was shifted off its foundation. Reported by a WJHG-TV meteorologist and the Florida EOC.

Franklin County
1 ENE Apalachicola **20** **1450EST** **0** **0** **Waterspout**

A waterspout was sighted just north of the bridge over East Bay. Reported by the Franklin County Sheriff.

Madison County
Ebb **20** **1505EST** **0** **0** **1K** **Thunderstorm Wind**

A few trees and power lines down. Reported by the public.

Lafayette County
Northeast Portion **20** **1535EST** **0** **0** **0.25K** **Thunderstorm Wind**

A few large trees down on County Road 420. Reported by NWS Jacksonville.

Jackson County
Cottondale **20** **1625EST** **0** **0** **10K** **Thunderstorm Wind**

A mobile's roof was blown off and a neighboring storage trailer was damaged. Reported by the Jackson County EMA.

Jackson County
Southwest Portion **20** **1725EST** **0** **0** **125K** **Thunderstorm Wind**
1730EST

Two homes sustained minor damage and one home received moderate damage. Some trees down. Reported by the Jackson County EMA.

Wakulla County
Wakulla **21** **0015EST** **0** **0** **Hail (0.75)**

Dime size hail. Reported by the public.

Leon County
Woodville **21** **1415EST** **0** **0** **0.50K** **Thunderstorm Wind**

Trees down across Woodville Highway near Elm School. Reported by a SKYWARN storm spotter.

Wakulla County
Countywide **22** **1555EST** **0** **0** **5K** **Thunderstorm Wind**
1600EST

Some trees down on power lines. Reported by the Wakulla County Sheriff.

Walton County
Countywide **22** **1715EST** **0** **0** **5K** **Thunderstorm Wind**
1730EST

Some trees down on power lines in Freeport and northern Walton County. Reported by the Walton County Sheriff.

Jackson County
2 N Marianna **22** **1733EST** **0** **0** **1K** **Thunderstorm Wind**

Several trees down on State Road 73 north of Valley Oaks Drive. Reported by the Jackson County Sheriff.

Holmes County
Bonifay **22** **1810EST** **0** **0** **2K** **Thunderstorm Wind**

Some trees down on power lines. Reported by the Holmes County Sheriff.

Madison County
4 SE Greenville **22** **1630EST** **0** **2** **300K** **Lightning**

Lightning sparked a fire which completely destroyed a mansion home two and a half miles off of State Road 221 on Sundown Creek Road. Three of the four residents escaped unharmed, but two firefighters were injured while tackling the blaze. Several county fire and volunteer fire departments responded. Reported by the Madison Enterprise Recorder.

Gulf County
Indian Pass **24** **1239EST** **0** **0** **25K** **Thunderstorm Wind**

Gazebos picked up and thrown against a house. Its windows were blown out and roof damaged. Reported by the Gulf County Sheriff.

Storm Data and Unusual Weather Phenomena

July 2000

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
FLORIDA, Northwest									
Leon County									
Tallahassee	**24**	**1505EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Several trees down on Rumba Lane off Ocala Street. Reported by Tallahassee Police.									
Leon County									
Tallahassee	**24**	**1515EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
A few trees and power lines down near North Meridian and Monroe Streets, and near Dellwood and Bradford Roads. Reported by the public.									
Holmes County									
Northwest Portion	**29**	**1440EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
		1445EST							
Numerous downed trees caused several car accidents on State Road 181. Reported by the Holmes County EMA.									
Leon County									
5 W Tallahassee	**29**	**1635EST**			**0**	**0**	**0.20K**		**Thunderstorm Wind**
A few trees down on Capital Circle SW between State Road 20 and U.S. Highway 90. Reported by an off-duty NWS employee.									
Bay County									
Panama City Beach	**30**	**1600EST**			**0**	**3**			**Lightning**
Three people were struck by lightning while walking on the beach. All were transported to the Gulf Coast Medical Center and released. Reported by the Panama City News Herald.									
Franklin County									
8 SE Carrabelle Beach t	**31**	**0745EST**			**0**	**0**			**Waterspout**
7 SE Carrabelle Beach		**0750EST**							
A waterspout was sighted just offshore of Dog Island. Reported by the public on Dog Island and Carrabelle Beach.									
Franklin County									
7 SE Carrabelle Beach	**31**	**0753EST**	**0.1**	**50**	**0**	**0**			**Tornado (F0)**
A waterspout came ashore over Dog Island. No injuries or damage. Reported by the public and the Franklin County Sheriff.									
FLORIDA, Southern									
Collier County									
Immokalee	**04**	**1547EST**			**0**	**0**			**Flash Flood**
		1647EST							
Hendry County									
Felda	**04**	**1547EST**			**0**	**0**			**Flash Flood**
		1647EST							
Flooding occurred along U.S. 29 between Felda and Immokalee stalling cars.									
Palm Beach County									
North Palm Beach	**08**	**1400EST**			**0**	**0**	**2.5M**		**Lightning**
A lightning-initiated fire badly damaged a $5 million house in Lost Tree Village.									
Palm Beach County									
Belle Glade	**10**	**1430EST**	**0.1**	**10**	**0**	**0**			**Tornado (F0)**
A Sheriff's Deputy reported a brief tornado touchdown three miles south of SR 80 just southwest of Hatter Highway. No damage was sustained.									
Dade County									
20 W Sweet Water	**10**	**1548EST**	**0.1**	**10**	**0**	**0**			**Tornado (F0)**
A pilot reported a tornado on the ground near U.S. 41 at the 20-mile bend.									
Broward County									
2 W Sunrise Golf Vlg	**11**	**1549EST**	**0.1**	**10**	**0**	**0**			**Tornado (F0)**
The public reported a brief touchdown in Markham Park which did minor damage to foliage.									
Dade County									
Miami	**12**	**1405EST**			**0**	**0**	**10K**		**Lightning**
A lightning-initiated fire on the roof a house forced a family to evacuate.									
Palm Beach County									
Lantana	**12**	**1445EST**			**0**	**0**			**Funnel Cloud**
A funnel cloud was sighted.									
Dade County									
15 E Miami Beach	**13**	**0532EST**			**0**	**0**			**Waterspout**
A waterspout was seen by a boater in the Atlantic 15 miles east of Miami Beach.									
Broward County									
Cooper	**15**	**1400EST**			**0**	**1**			**Lightning**
A man cleaning his roof was struck by lightning. He was transported to a hospital in critical condition.									
Dade County									
5 SE Homestead	**17**	**0955EST**			**0**	**0**			**Waterspout**
A Park Ranger reported a waterspout in Biscayne Bay one mile offshore Turkey Point.									
Broward County									
Coral Spgs	**17**	**1445EST**			**0**	**0**			**Funnel Cloud**
	18	**1445EST**							

Storm Data and Unusual Weather Phenomena

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

FLORIDA, Southern

Pilot reported a funnel cloud.

Palm Beach County
Boca Raton **18** **1645EST** **0** **0** **5K** **Thunderstorm Wind (G55)**
Severe thunderstorm winds did minor damage to a roof and blew down trees in the Sandalfoot Cove subdivision.

Collier County
5 SW Naples **20** **0944EST** **0** **0** **Waterspout**
Public reported a waterspout in the Gulf of Mexico.

Dade County
Kendall **21** **1545EST** **0** **0** **Hail (0.75)**
Dime-size hail reported.

Palm Beach County
Belle Glade **21** **1605EST** **0** **0** **Funnel Cloud**
A funnel cloud was reported.

Broward County
Tamarac **22** **1142EST** **0** **0** **Funnel Cloud**
A SKYWARN spotter sighted a funnel cloud.

Palm Beach County
Boca Raton **22** **1408EST** **0** **0** **Funnel Cloud**
A SKYWARN spotter saw a funnel cloud.

Broward County
10 W Coral Spgs **22** **1705EST** **0** **0** **Funnel Cloud**
A pilot saw a funnel cloud over the Everglades.

Dade County
1 W Homestead **22** **1900EST** **0** **0** **Funnel Cloud**
A funnel cloud was reported just west of Homestead.

Broward County
2 W Sunrise Golf Vlg **23** **1430EST** **0** **0** **Thunderstorm Wind (G50)**
Severe thunderstorm winds blew down large tree limbs in Markham Park.

Collier County
5 S Marco **23** **1555EST** **0** **0** **Waterspout**
A boat operator sighted a large waterspout in the Gulf of Mexico.

Collier County
2 S Marco Is Arpt **23** **1600EST** **0** **0** **Waterspout**
The public reported a waterspout in the Gulf of Mexico.

Broward County
1 NE Pompano Beach A **25** **0813EST** **0** **0** **Waterspout**
A waterspout was seen in the Atlantic Ocean.

Dade County
5 E Miami Beach **25** **0828EST** **0** **0** **Waterspout**
A SKYWARN spotter sighted a waterspout in the Atlantic five miles offshore Government Cut.

Palm Beach County
10 ESE Palm Beach Intl **25** **0924EST** **0** **0** **Waterspout**
Pilot reported a waterspout in the Atlantic.

Dade County
4 S Key Biscayne **25** **1334EST** **0** **0** **Waterspout**
Pilot reported a large waterspout in Biscayne Bay.

Collier County
12 NE Naples **27** **1707EST** **0** **0** **Funnel Cloud**

Collier County
12 NE Naples **27** **1707EST** **0** **0** **Hail (0.75)**
Dime-size hail and a funnel cloud were sighted near the intersection of Golden Gate Boulevard and Wilson Road.

Palm Beach County
3 S Pahokee **28** **1350EST** **0** **0** **Funnel Cloud**
A funnel cloud was sighted.

FLORIDA, West Central

Hillsborough County
Brandon **04** **1740EST** **0** **0** **30K** **0** **Thunderstorm Wind**
A local utility company reported that thunderstorm winds downed a few large trees and several large branches in Brandon. One home incurred roof and structural damage from a downed tree near Parsons Road north of State Road 60 in Brandon.

Hardee County
8 E Zolfo Spgs **05** **1848EST** **0** **0** **50K** **0** **Thunderstorm Wind**
A local utility reported that thunderstorm winds snapped several wooden power poles eight miles east of Zolfo Springs along State Road 66.

Storm Data and Unusual Weather Phenomena

July 2000

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
FLORIDA, West Central									
Highlands County									
6 W Sebring	**05**	**2000EST**			**0**	**0**	**0**	**0**	**Lightning**
Lightning ignited and burned nearly 124 acres of forest at the Highlands Hammock State Park.									
Levy County									
1 SW Williston to 7 E Chiefland	**07**	**1915EST**			**0**	**0**	**75K**	**0**	**Thunderstorm Wind**
Law enforcement of Levy county reported that thunderstorm winds downed several trees and power lines along U.S. Highway 41 and County Road 121 near Williston. Also, thunderstorm winds downed trees and power lines at the intersection of County Road 339 and 320.									
Hillsborough County									
9 NW Tampa	**08**	**1100EST**			**0**	**1**	**0**	**0**	**Lightning**
The broadcast media reported that a 17 year old female was struck and injured by lightning on the 8900 block of Thousand Oaks Court near Heatherfield Drive in the "Town n Country" area of western Hillsborough county. The lightning charge entered the female's hand while standing on the porch of her home during heavy rain. The female reported that she had a loss of feeling in her legs and blurred vision following the lightning strike.									
Hernando County									
7 SW Brooksville to 3 SW Brooksville	**08**	**1252EST 1300EST**			**0**	**0**	**20K**	**0**	**Thunderstorm Wind (G56) M**
Thunderstorm wind gusts of 64 mph were measured by Automated Surface Observing Equipment (ASOS) at the Hernando County Airport. Hernando Emergency Management reported that thunderstorm winds damaged the roof of a chickan farm, downed several large trees, branches and power lines from the Hernando County Airport northeast to near the intersection of U.S. Highway 41 and Powell Road.									
Pinellas County									
3 NE St Petersburg	**08**	**1505EST**			**0**	**0**	**0**	**0**	**Waterspout**
A waterspout was observed by the public and reported by law enforcement one mile south of the Shore Acres Subdivision in St. Petersburg.									
Polk County									
1 NE Ft Meade	**08**	**1515EST**			**0**	**0**	**1K**	**0**	**Thunderstorm Wind**
Law enforcement of Polk county reported that thunderstorm winds downed two large trees and several large branches along NE 9th Street between County Roads 630 and 640 near Ft. Meade.									
Sumter County									
Sumterville	**14**	**1400EST**			**0**	**0**	**10K**	**0**	**Lightning**
Lightning struck, ignited and damaged a mobile home on the 2800 block of Southeast 21st Avenue in Sumterville.									
Pinellas County									
Pinellas Park	**14**	**1450EST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind**
The public reported, through Bay News 9 Cable, that thunderstorm winds downed several trees along 66th Street N. in Pinellas Park. One vehicle incurred damage from a wind toppled tree along 66th Street N.									
Hillsborough County									
Brandon	**14**	**1515EST**	**0.1**	**5**	**0**	**0**	**0**	**0**	**Tornado (F0)**
An off-duty National Weather Service meteorologist observed a tornado briefly touch down over a wooded area near the intersection of Lumsden and Lithia-Pinecrest roads in Brandon.									
Manatee County									
Anna Maria to Bradenton Beach	**15**	**1000EST 1700EST**			**0**	**0**	**1M**	**0**	**Flood**
Heavy rainfall of 7 to 11 inches in less than twelve hours caused extensive flooding of homes, businesses and roadways from Anna Maria south to Bradenton Beach in extreme western Manatee county. Floodwaters were reported three to four feet above street level in Anna Maria and Holmes Beach with nearly 50 homes damaged.									
Pasco County									
4 E Jasmine Estates to 5 E Jasmine Estates	**15**	**1026EST 1030EST**	**1**	**5**	**0**	**0**	**2K**	**0**	**Tornado (F0)**
A weak tornado sporadically touched down over a heavily wooded area of rural western Pasco county near Moon Lake Road (C.R. 587) and State Road 52.									
Pasco County									
8 ESE Hudson	**15**	**1033EST**	**0.1**	**5**	**0**	**0**	**0**	**0**	**Tornado (F0)**
An amateur radio operator reported that a tornado briefly touched down without damage near the intersection of State Road 52 and Hayes Road.									
Hillsborough County									
8 NW Tampa to 5 N Tampa	**15**	**1200EST 1300EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
Skywarn Spotters reported heavy rainfall, of two to four inches in less than an hour, caused localized flooding of roadway intersections and low-lying areas from the "Town n' Country" area east to near the U.S. Highway 41 (Florida Avenue) and U.S. Highway 92 (Hillsborough Avenue) intersections in Tampa.									
Pinellas County									
10 W Tarpon Spgs	**15**	**1215EST**			**0**	**0**	**0**	**0**	**Waterspout**

Storm Data and Unusual Weather Phenomena

July 2000

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

FLORIDA, West Central

The public reported a waterspout approximately ten miles west of Tarpon Springs.

Pinellas County

Pass A Grille Beach to Pinellas Park | **15** | **1400EST 1600EST** | | | **0** | **0** | | **0** | **Flood**

Very heavy rainfall of 7 to 9 inches in less than six hours caused flooding of homes, businesses and roadways from Pinellas Park south to Pass-a-Grille Beach in Pinellas county.

Hillsborough County

Ruskin | **15** | **1700EST** | | | **1** | **0** | **0** | **0** | **Lightning**

A 27 year old male was struck and killed by lightning while fishing on a pond south of 19th Avenue near U.S. Highway 41 in Ruskin. Lightning struck the victims fishing rod and killed him instantly. Also, the lightning strike partially burned the victim's clothes and fishing boat.
M27BO

Levy County

14 NW Chiefland to Bronson | **16** | **1740EST 1815EST** | | | **0** | **0** | **50K** | **0** | **Thunderstorm Wind**

Levy County Emergency Management reported that thunderstorm winds downed several trees, snapped several large branches and caused minor roof and tile damage to homes from Fanning Springs, southeast to Chiefland and east Bronson.

Levy County

Lebanon to Inglis | **16** | **1816EST 1840EST** | | | **0** | **0** | **25K** | **0** | **Thunderstorm Wind**

Levy County Emergency Management reported that thunderstorm winds downed several trees, large branches and caused minor roof and tile damage to homes from Lebanon south to Inglis. A commercial building incurred major roof damage from a wind toppled tree in Inglis.

Citrus County

Inverness | **16** | **1900EST** | | | **0** | **0** | **1K** | **0** | **Tstm Wind G45**

Thunderstorm winds, estimated at 50 mph by the Citrus County Sheriffs Department, downed a few drought stressed and diseased trees in Inverness.

Levy County

Gulf Hammock | **18** | **1230EST** | **0.1** | **5** | **0** | **0** | **0** | **0** | **Tornado (F0)**

The Levy County Emergency Management reported that a tornado briefly touched down along U.S. Highway 19 near Gulf Hammock.

Charlotte County

1 W Englewood | **18** | **1612EST** | | | **0** | **0** | **0** | **0** | **Waterspout**

The public reported, through WINK-TV of Ft. Myers, a waterspout offshore of Englewood in northwest Charlotte county.

Polk County

Frostproof | **18** | **1650EST** | | | **0** | **0** | **50K** | **0** | **Thunderstorm Wind**

The Frostproof Police Department reported that thunderstorm winds blew down the scoreboard at a baseball field, damaged the tin roof of a commercial building and downed nine large trees in Frostproof.

Polk County

Frostproof | **18** | **1650EST** | | | **0** | **0** | **0** | **0** | **Hail (1.75)**

Golfball sized hail was reported in Frostproof by the local police department.

Polk County

Winter Haven | **19** | **1634EST 1638EST** | | | **0** | **0** | **2K** | **0** | **Thunderstorm Wind**

The Polk County Sheriffs Department reported that thunderstorm winds downed several large branches and power lines in Winter Haven.

Polk County

Loughman | **20** | **1825EST** | | | **0** | **0** | **0** | **0** | **Hail (0.75)**

The public reported dime sized hail in Loughman along U.S. Highway 92 near the Polk-Osceola county line.

Polk County

12 SE Frostproof | **20** | **1915EST** | | | **0** | **0** | **0** | **0** | **Hail (0.75)**

The public reported dime sized hail near the southeast end of Lake Arbuckle and State Road 64.

Polk County

Haines City | **20** | **2036EST** | | | **0** | **1** | **0** | **0** | **Lightning**

The Polk County Fire & Rescue reported that a person was injured and knocked unconscious by a nearby lightning strike on 8th Street in Haines City.

Hillsborough County

7 NE Tampa | **21** | **1325EST** | | | **0** | **0** | **5K** | **0** | **Thunderstorm Wind**

The Florida Highway Patrol reported that downburst winds caused minor roof damage and downed a few large tree branches near the intersection of Interstate 4 and U.S. Highway 301 in the Eureka Springs area of Tampa. A highway sign along the eastbound lane of Interstate 4 east of U.S. Highway 301 was bent eastward while a few plywood construction concrete forms were blown over.

Hillsborough County

7 NE Tampa | **21** | **1325EST** | | | **0** | **0** | **0** | **0** | **Hail (1.00)**

Storm Data and Unusual Weather Phenomena

July 2000

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

FLORIDA, West Central

Quarter sized hail was reported by the public through WTVT-TV of Tampa near the intersection of Interstate 4 and U.S. Highway 301 in Eureka Springs of east Tampa.

Polk County
Lake Alfred | **21** | **1340EST 1350EST** | | | **0** | **0** | **0** | **0** | **Hail (0.88)**

The public reported, through WTVT-TV of Tampa, nickel sized hail near the intersection of U.S. Highways 92 and 17 in Lake Alfred of northern Polk county.

Polk County
Lake Alfred to Bartow | **21** | **1350EST 1400EST** | | | **0** | **0** | **100K** | **0** | **Thunderstorm Wind**

Polk County Emergency Management reported that thunderstorm winds downed several large trees and a few power poles along County Road 557 in Lake Alfred to State Road 60 in Bartow.

Hardee County
Wauchula to Bowling Green | **21** | **1530EST 1630EST** | | | **0** | **0** | **50K** | **0** | **Flood**

Polk County
Ft Meade to Bradley Jct | **21** | **1530EST 1630EST** | | | **0** | **0** | **50K** | **0** | **Flood**

Heavy rainfall of five to seven inches in less than three hours caused flooding of roadways, low-lying areas and a few homes over rural southwest Polk and northern Hardee counties. A few vehicles incurred water damage from the flood waters in Bowling Green, Wauchula and Ft. Meade.

Hillsborough County
4 SE Brandon | **21** | **1604EST 1611EST** | | | **0** | **0** | **0** | **0** | **Hail (0.88)**

An off-duty NWS meteorologist reported nickel sized hail near the intersection of Bloomingdale and Bell Shoals roads in southeast Brandon.

Hernando County
Spring Hill | **23** | **1145EST** | | | **0** | **0** | **10K** | **0** | **Lightning**

Lightning struck a pine tree on wooded lot near the 1500 block of Alameda Drive. The bolt traveled down the tree, into the ground and struck a Florida Water Services water main, which caused it to erupt and send thousands of gallons of water rushing west on Alameda street.

Lee County
10 W Sanibel to 8 WNW Sanibel | **24** | **1037EST 1045EST** | | | **0** | **0** | **0** | **0** | **Waterspout**

A waterspout was reported by the Sanibel Fire Department ten miles west of Sanibel Island.

Manatee County
Anna Maria to Bradenton | **24** | **1230EST 1530EST** | | | **0** | **0** | **100K** | **0** | **Flood**

Six to eight inches of rain in less than four hours caused flooding of up to 15 homes from Anna Maria east to Bradenton. Numerous roads and low lying areas incurred standing water up to two feet deep from the heavy rain in extreme northwest Manatee county.

Highlands County
6 SE Lake Placid | **24** | **1345EST** | | | **0** | **0** | **100K** | **0** | **Thunderstorm Wind**

Thunderstorm winds ripped off large segments of a dairy farm roof and damaged several smaller out buildings on Southwest Ruck's Dairy Road near State Road 70, six miles southeast of Lake Placid.

Sarasota County
3 SW Sarasota | **25** | **1105EST** | | | **0** | **0** | **0** | **0** | **Waterspout**

The public reported, through SNN Cable T.V., a waterspout between Sarasota and Siesta Key.

Citrus County
Beverly Hills | **25** | **1440EST** | | | **0** | **0** | **5K** | **0** | **Tstm Wind (G40)**

A Skywarn Spotter reported that a tree, previously struck by lightning, was toppled onto a pool enclosure by thunderstorm winds estimated at 45 mph in Beverly Hills.

Lee County
Alva | **25** | **1630EST** | | | **0** | **0** | **0** | **0** | **Hail (1.75)**

Golfball sized hail was reported by the public, through WINK-TV of Ft. Myers, in Alva.

Polk County
Lake Wales | **26** | **1735EST** | | | **0** | **0** | **10K** | **0** | **Thunderstorm Wind**

Florida Power Electric Company officials reported that thunderstorms winds downed several large trees and power lines in Lake Wales of eastern Polk county.

Hillsborough County
2 SSW Tampa | **26** | **1818EST 1820EST** | | | **0** | **0** | **0** | **0** | **Waterspout**

The public reported a waterspout along the northwest shore of Davis Island, south of the Swann Avenue and Bayshore Boulevard intersection near downtown Tampa.

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

FLORIDA, West Central

Hillsborough County

2 S Tampa to 9 SE Tampa — **26** — **1940EST** — **0** — **0** — **50K** — **0** — **Thunderstorm Wind**

Tampa Electric Power Company officials reported that thunderstorm winds downed several large trees, branches and power lines from Davis Island southeast to Gibsonton in central Hillsborough county.

Lee County

Ft Myers — **27** — **1702EST** — **0** — **0** — **0** — **0** — **Hail (0.75)**

A Skywarn Spotter reported dime sized hail in Ft. Myers.

Hillsborough County

1 W Tampa to 2 N Tampa — **28** — **1629EST** / **1635EST** — **0** — **0** — **25K** — **0** — **Thunderstorm Wind**

Tampa Electric Power Company officials reported that thunderstorm winds downed a few large trees, several branches and power lines from near the University of Tampa northeast to near Ybor City.

Hernando County

7 S Spring Hill — **28** — **1922EST** / **1926EST** — **0.3** — **5** — **0** — **0** — **0** — **0** — **Tornado (F0)**

A Skywarn Spotter reported that tornado sporadically touched down near the intersection of County Road 576 (Hayman Road) and County Road 581 (Culbreath) in rural southern Hernando county.

Pasco County

6 W Jessamine — **28** — **1938EST** / **1940EST** — **0.1** — **5** — **0** — **0** — **0** — **0** — **Tornado (F0)**

A Skywarn Spotter reported that tornado briefly touched down near the intersection of County Road 581 and Johnston Road, approximately six miles west of Jessimine, in rural north central Pasco county.

Manatee County

6 ESE Bradenton — **29** — **1250EST** — **1** — **0** — **0** — **0** — **Lightning**

A 21 year old male was struck and killed by lightning from an approaching thunderstorm while on a boat on the Braden River. M21BO

Citrus County

3 SW Citrus Spgs — **29** — **1403EST** — **0** — **0** — **0** — **0** — **Hail (0.75)**

A Skywarn Spotter reported that dime sized hail fell briefly, three miles southwest of Citrus Springs, in extreme northern Citrus county.

Hillsborough County

8 N Tampa — **29** — **2115EST** — **0** — **0** — **50K** — **0** — **Thunderstorm Wind**

Thunderstorm winds damaged a roof and lanai, downed a few trees, several branches and power lines near the intersection of Ola and Country Club Drive in the Carrollwood area of Tampa.

Polk County

Lakeland — **30** — **1345EST** — **0.2** — **5** — **0** — **0** — **25K** — **0** — **Tornado (F0)**

A tornado briefly touched down and removed the roof of a weathered homes wood overhang and downed several large trees and branches near the intersection of Coral Way and Combee Roads in Lakeland.

Manatee County

Myakka City — **30** — **2000EST** — **0** — **3** — **0** — **0** — **Lightning**

Three girls, ages 10, 12 and 14, were struck and injured by lightning in Myakka City.

Pinellas County

5 N Pinellas Park — **31** — **1650EST** — **0** — **0** — **0** — **0** — **Hail (0.75)**

Dime sized hail was reported by a Skywarn Spotter near the intersection of State Road 686 (Roosevelt) and 58th Street North in central Pinellas county.

Lee County

5 NW Cape Coral — **31** — **1735EST** — **0** — **0** — **10K** — **0** — **Thunderstorm Wind**

The public reported, through WFTX-TV of Cape Coral, that thunderstorm winds downed a few trees, several branches and power lines along Nicholas Parkway in Cape Coral.

Pasco County

Zephyrhills — **31** — **1830EST** — **0** — **0** — **100K** — **0** — **Thunderstorm Wind**

Pasco County Emergency Management reported that thunderstorm winds caused minor roof, lanai, porch and window damage to nearly 60 mobile homes in the Betmar Mobile Home Park along State Road 54 and Dean Dairy Road and downed a few trees in Zephyrhills.

De Soto County

Arcadia — **31** — **1930EST** — **0** — **0** — **5K** — **0** — **Thunderstorm Wind**

A Skywarn Spotter reported that thunderstorm winds downed a few large trees, several branches and power lines in Arcadia.

FLORIDA, West Panhandle

FLZ001>006 — **Inland Escambia - Coastal Escambia - Inland Santa Rosa - Coastal Santa Rosa - Inland Okaloosa - Coastal Okaloosa**

01 **0001CST** — **0** — **0** — **Excessive Heat**

31 **2359CST**

July was the hottest month ever in Northwest Florida. The average temperature for the month was 85.6 degrees in Pensacola. This

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

FLORIDA, West Panhandle

broke the old record of 85.4 degrees. The temperature also reached 100 degrees or higher seven days during the month. The highest temperature during the month at the Pensacola airport was 103 degrees. Milton had five days of 100 degrees or higher with the highest being 102 degrees. Niceville had six days of 100 degrees or higher during the month with the highest temperature being 103 degrees. In addition to being hot, it was also dry. July ended up being the seventh driest July in the past 120 years. Since the first of the year, Pensacola has received only 16.73 inches of rain. This is almost 21 inches below the normal rainfall for this time of year.

Santa Rosa County
Navarre | **08** | **2025CST** / **2027CST** | | | **0** | **0** | | | **Waterspout**

A waterspout was observed just east of Navarre Beach. The waterspout dissipated over the water.

Santa Rosa County
Navarre | **10** | **0810CST** / **0815CST** | | | **0** | **0** | | | **Waterspout**

A waterspout was observed just offshore, south of Navarre Beach. The waterspout dissipated over water.

Okaloosa County
Mary Esther | **10** | **0840CST** / **0841CST** | | | **0** | **0** | | | **Funnel Cloud**

A funnel cloud was observed near Mary Esther. The funnel never touched down and dissipated back into the cloud.

Santa Rosa County
Jay | **11** | **1615CST** / **1620CST** | | | **0** | **0** | | | **Hail (0.75)**

Santa Rosa County
Jay | **11** | **1615CST** / **1620CST** | | | **0** | **0** | **8K** | | **Thunderstorm Wind (G60)**

Trees and power lines were reported blown down by thunderstorm winds near the community. Dime sized hail was also reported with the storm.

Santa Rosa County
Pace | **11** | **1650CST** / **1655CST** | | | **0** | **0** | **5K** | | **Thunderstorm Wind (G55)**

Thunderstorm winds downed trees and power lines near the community. Also, lightning started a fire in nearby woods.

Santa Rosa County
Pace | **11** | **1650CST** | | | **0** | **0** | **5K** | | **Lightning**

Lightning struck near a home in Pace. The lightning entered the home through the waterlines and started a fire. The fire was extinguished without any major damage to the home.

Okaloosa County
Niceville | **12** | **1250CST** / **1255CST** | | | **0** | **0** | **5K** | | **Thunderstorm Wind (G55)**

Strong thunderstorm winds blew down numerous large tree limbs. Small hail was also reported with the thunderstorm.

Santa Rosa County
Navarre | **12** | **1310CST** / **1315CST** | | | **0** | **0** | | | **Hail (0.75)**

Dime sized hail was reported as a thunderstorm moved across the southern portion of the county.

Okaloosa County
Crestview | **12** | **1320CST** / **1325CST** | | | **0** | **0** | | | **Hail (0.88)**

Nickle sized hail was reported in the community.

Okaloosa County
Ft Walton Beach | **12** | **1320CST** / **1325CST** | | | **0** | **0** | | | **Hail (1.75)**

Okaloosa County
Ft Walton Beach | **12** | **1320CST** / **1325CST** | | | **0** | **0** | **8K** | | **Thunderstorm Wind (G60)**

Trees and power lines were blown down in the Fort Walton Beach area. A couple of metal sheds were also destroyed. Golf ball size hail was also reported.

Okaloosa County
Crestview | **13** | **1510CST** / **1515CST** | | | **0** | **0** | | | **Hail (0.75)**

Dime sized hail was reported south of Crestview near the Eglin Air Force Base Reserve.

Santa Rosa County
Milton to Munson | **13** | **1845CST** / **1855CST** | | | **0** | **0** | **15K** | | **Thunderstorm Wind (G60)**

Strong thunderstorm winds blew down numerous trees and power lines between Milton and Munson.

Storm Data and Unusual Weather Phenomena

July 2000

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
FLORIDA, West Panhandle									
Okaloosa County									
Ft Walton Beach	**13**	**1940CST**			**0**	**0**			**Funnel Cloud**
		1941CST							
A funnel cloud was observed by a sheriff's deputy near Fort Walton Beach. The funnel never touched down and quickly dissipated.									
Okaloosa County									
Florosa	**13**	**1940CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1942CST							
High winds blew power poles and lines down near Florosa.									
Okaloosa County									
Valparaiso	**13**	**2005CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G55)**
		2010CST							
Power lines were reported downed by thunderstorm winds.									
Okaloosa County									
Baker	**16**	**1620CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1625CST							
Several sheds were damaged by high winds near the community.									
Escambia County									
Barrineau Park	**16**	**1635CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1640CST							
Thunderstorm winds blew down trees that damaged a shed.									
Okaloosa County									
Crestview	**16**	**1635CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1640CST							
High thunderstorm winds downed trees in the community.									
Escambia County									
Walnut Hill	**16**	**1915CST**			**0**	**0**	**8K**		**Thunderstorm Wind (G60)**
		1920CST							
A thunderstorm produced high winds that blew down power poles and power lines near the community.									
Okaloosa County									
Ft Walton Beach	**20**	**1152CST**			**0**	**0**	**50K**		**Thunderstorm Wind (G60)**
		1154CST							
High winds damaged the roof on a duplex near Fort Walton Beach. Another home near the duplex also suffered roof damage. Both of the damaged homes were on the bay.									
Okaloosa County									
Ft Walton Beach	**20**	**1330CST**			**0**	**0**	**12K**		**Thunderstorm Wind (G70)**
		1340CST							
Trees and power lines were blown down in the community as a thunderstorm moved through. A large concrete power pole in the parking lot of a car dealer was also blown down, fortunately missing all the vehicles in the lot.									
Santa Rosa County									
Navarre	**20**	**1330CST**			**0**	**0**	**15K**		**Thunderstorm Wind (G60)**
		1332CST							
High winds caused roof damage to a couple of duplexes and damaged a couple of metal sheds in the Navarre area. Some tree limbs were also blown down. No injuries were reported.									
Santa Rosa County									
Jay to	**20**	**1840CST**			**0**	**0**	**25K**		**Thunderstorm Wind (G65)**
Munson		**1850CST**							
Numerous trees and power lines were blown down along Highway 4 between Jay and Munson.									
Escambia County									
Molino	**21**	**1315CST**			**0**	**0**	**15K**		**Thunderstorm Wind (G70)**
		1317CST							
High winds blew a porch in and also blew power lines down near Molino.									
Santa Rosa County									
Jay	**22**	**1455CST**			**0**	**0**	**7K**		**Thunderstorm Wind (G60)**
		1500CST							
Trees were down and a tin roof was damaged in Jay as thunderstorms moved through the area.									
Escambia County									
Pensacola	**22**	**1500CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1505CST							
Power lines were blown down in the community as a thunderstorm moved through.									
Santa Rosa County									
Jay	**22**	**1500CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1505CST							
Thunderstorm winds downed several trees around the community.									

Storm Data and Unusual Weather Phenomena

July 2000

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
FLORIDA, West Panhandle									
Okaloosa County									
Blackman	**22**	**1550CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1555CST							
Trees and power lines were blown down in the community and along Highway 85 as thunderstorms moved through the area.									
Escambia County									
Pensacola	**30**	**1250CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1255CST							
High winds blew trees down in Pensacola.									
Escambia County									
West Pensacola	**30**	**1400CST**			**0**	**0**	**20K**		**Wild/Forest Fire**
		2000CST							
Lightning started a woods fire in the west part of Pensacola. The fire started in a heavily wooded area and spread toward a sub-division. The fire threatened 150 homes but was brought under control before reaching the homes. No injuries were reported.									
Santa Rosa County									
Navarre	**30**	**1415CST**			**0**	**0**			**Funnel Cloud**
		1416CST							
A funnel cloud was observed near Navarre Beach. The funnel never touched down and dissipated into the cloud.									
GEORGIA, East Central									
Burke County									
Girard	**06**	**2140EST**			**0**	**1**		**0**	**Thunderstorm Wind (G60)**
EM reported roof torn off trailer, trees down, and a shed blown onto a vehicle slightly injuring one person on River rd.									
Columbia County									
2 N Grovetown	**11**	**1310EST**			**0**	**0**		**0**	**Thunderstorm Wind (G50)**
EPD director reported trees and powerlines down in Lewiston area.									
GEORGIA, Lower									
Pierce County									
3 S Blackshear to	**07**	**1625EST**	**0.1**	**10**	**0**	**0**	**5.5K**		**Tornado (F0)**
2.9 S Blackshear		**1630EST**							
Weak FO. Damages a shed and chicken-house.									
Appling County									
1 NE Baxley	**07**	**1700EST**			**0**	**0**			**Hail (0.75)**
Camden County									
Woodbine	**11**	**1100EST**			**0**	**0**	**2.5K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									
Charlton County									
Folkston	**11**	**1800EST**			**0**	**0**	**2.5K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									
Charlton County									
St George	**11**	**1900EST**			**0**	**0**			**Wild/Forest Fire**
		2030EST							
Many wildfires due to lightning.									
Pierce County									
4 N Blackshear	**16**	**2125EST**			**0**	**0**			**Hail (0.88)**
Wayne County									
Jesup	**22**	**1530EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Large trees and power lines were blown down.									
Brantley County									
5 E Hoboken	**31**	**1810EST**			**0**	**0**			**Funnel Cloud**
GEORGIA, North and Central									
GAZ001>009-011>016-019>025-027-030>039-041>062-066>076-078>086-089>098-102>113	**Dade - Walker - Catoosa - Whitfield - Murray - Fannin - Gilmer - Union - Towns - Chattooga - Gordon - Pickens - Dawson - Lumpkin - White - Floyd - Bartow - Cherokee - Forsyth - Hall - Banks - Jackson - Madison - Polk - Paulding - Cobb - North Fulton - Gwinnett - Barrow - Clarke - Oconee - Oglethorpe - Wilkes - Haralson - Carroll - Douglas - South Fulton - De Kalb - Rockdale - Walton - Newton - Morgan - Greene - Taliaferro - Heard - Coweta - Fayette - Clayton - Spalding - Henry - Butts - Jasper - Putnam - Hancock - Warren - Troup - Meriwether - Pike - Upson - Lamar - Monroe - Jones - Baldwin - Washington - Glascock - Jefferson - Harris - Talbot - Taylor - Crawford - Bibb - Twiggs - Wilkinson - Johnson - Emanuel - Muscogee - Chattahoochee - Marion - Schley - Macon - Peach - Houston - Bleckley - Laurens - Treutlen - Stewart - Webster - Sumter - Dooly - Crisp - Pulaski - Wilcox - Dodge - Telfair - Wheeler - Montgomery - Toombs**								
	01	**0000EST**			**0**	**0**			**Drought**
	31	**2359EST**							
Drought conditions continued during July over most of WFO Peachtree City's County Warning Area. Rainfall amounts were higher in July than in June. However climatological normals also increased during July, so there was still a substantial shortfall from the monthly normal precipitation. Total rainfall for the month was generally in the 2 to 3 inch range, however spotty areas received									

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

GEORGIA, North and Central

between 4 and 6 inches, while other areas received an inch or less for the month. The net effect was too little, too late for farmers across North and Central Georgia. As of the end of July, the U.S. Department of Agriculture placed all of the CWA in the range of severe to exceptional drought. The area with the largest departure from normal precipitation during July was a swath from west central Georgia across the state, generally along and south of a line from Atlanta to Athens, and north of a line from Columbus to Macon to Augusta. No new crop damage or loss estimates were available, but the previous estimates in June seem to represent the entire 2000 growing season. That estimate placed the total for Peachtree City's county warning area at $306.7 million. An increase in precipitation toward the latter part of the month, and forecasts for the continued weakening of La Nina. brought hope that drought conditions that had lasted for over 2 years were beginning to ease. The latest 90 day forecasts called for near normal precipitation over the southeastern U.S.

De Kalb County

Avondale Estates to Stone Mtn	**06**	**1800EST**			**0**	**0**	**2K**		**Thunderstorm Wind**

The De Kalb county 911 center reported lots of trees down on Midway Road, Glenwood Avenue, and Columbia Drive in Avondale Estates; and two small trees down on Memorial Drive and North Hairston Road in Stone Mountain.

Henry County

Mc Donough	**06**	**1845EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
		1930EST							

The Henry county 911 center reported numerous trees down around McDonough.

Laurens County

Rockledge to Minter	**07**	**1753EST**			**0**	**0**			**Hail (1.00)**
		1803EST							

The Laurens county 911 center reported quarter size hail.

Laurens County

Rockledge to Minter	**07**	**1753EST**			**0**	**0**	**18K**		**Thunderstorm Wind**
		1803EST							

The Laurens county 911 center reported roof damage to a house and damage to some utility buildings in Minter. In addition, eight trees were downed on Interstate 16 near Rockledge and other trees were knocked down near Minter.

Laurens County

Minter	**07**	**1830EST**			**0**	**0**	**20K**		**Thunderstorm Wind**

The Laurens county 911 center reported extensive damage to a home. The roof was blown off and the house sustained considerable additional damage.

Laurens County

Cedar Grove	**07**	**1845EST**			**0**	**0**	**2K**		**Thunderstorm Wind**

The Laurens county 911 center reported several trees down.

Wheeler County

Alamo	**07**	**1850EST**			**0**	**0**	**0.40K**		**Thunderstorm Wind**

The Wheeler county 911 center reported a few trees down.

Telfair County

Helena	**07**	**1905EST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**

The Helena police reported some small trees down. Pea size hail was also reported.

Telfair County

Mc Rae	**07**	**1910EST**			**0**	**0**			**Hail (1.00)**

The Telfair county 911 center reported quarter size hail.

Troup County

La Grange	**10**	**1707EST**			**0**	**0**	**1K**		**Thunderstorm Wind**

The Troup county 911 center reported trees down.

Harris County

Hamilton	**10**	**1730EST**			**0**	**0**	**10K**		**Lightning**
		1800EST							

The Harris County Journal reported that two lightning strikes, both within a 30 minute time frame, caused considerable damage to the computer modems and the Motorola 911 system used for 911 center dispatching. An exact damage estimate was not available.

Madison County

Danielsville	**10**	**1800EST**			**0**	**0**	**10K**		**Lightning**

The Madisonian Newspaper reported that 15 dairy cows were killed by lightning at the Strange dairy farm near Buckhead Road.

Bartow County

Cartersville	**11**	**1200EST**			**0**	**1**			**Lightning**

The Atlanta Journal and Constitution reported that a 64 year-old man was struck by lightning while playing golf at the Cartersville Country Club. He sustained a burn on his foot where the lightning bolt exited his body. He spent the night in the hospital and was released.

Houston County

Countywide	**11**	**1320EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1328EST							

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

GEORGIA, North and Central

A severe thunderstorm knocked trees down in several parts of the county. A trained spotter reported several trees down across highway 26 near Elko. He also reported 2 trees down and a building hit by lightning near Perry. In addition Houston county 911 reported trees down in Kathleen, and the Warner Robins Daily Sun Newspaper reported numerous trees down on Mount Zion Road off Georgia Highway 96.

Peach County
10 SW Byron to 5 SW Byron — **11** — **1320EST 1330EST** — **0** — **0** — **Hail (1.00)**
The Peach county 911 center reported quarter size hail.

Pulaski County
Hawkinsville — **11** — **1329EST 1345EST** — **0** — **0** — **2K** — **Thunderstorm Wind**
The Pulaski county 911 center and the public reported trees down and some trees with broken limbs.

Pulaski County
Hawkinsville — **11** — **1337EST** — **0** — **0** — **Hail (1.00)**
The Pulaski county 911 center reported quarter size hail.

Dooly County
Dooling to Byromville — **11** — **1345EST** — **0** — **0** — **2K** — **Thunderstorm Wind**
The Dooly county 911 center reported trees down.

Crisp County
1.5 W Coney — **11** — **1440EST** — **0** — **0** — **10K** — **Thunderstorm Wind**
The Cordele Dispatch reported that a tree was blown down on a house on Lakeshore Drive at Lake Blackshear, causing considerable damage to the roof. In addition, lightning knocked down a tree on Coney road, causing it to block the road.

Dooly County
Drayton — **11** — **1440EST** — **0** — **0** — **3K** — **Thunderstorm Wind**
The Dooly county 911 center reported that a power pole was knocked down on Georgia Highway 27 at Drayton Road.

Sumter County
Americus to 13 E Americus — **11** — **1440EST** — **0** — **0** — **20K** — **Thunderstorm Wind**
The Americus Times Recorder reported that two buildings at Powell Farms Dairy on Hooks Mill Road were demolished by thunderstorm winds. Damage to the buildings and farm machinery stored inside was estimated at $20,000. In addition, a cow inside the structure was injured by the debris. Other tree limbs were reported down by the Sheriff on Georgia Highway 27 near Lake Blackshear.

Sumter County
Plains — **11** — **1440EST** — **0** — **0** — **3K** — **Lightning**
The Sumter county 911 center reported lightning set a power pole on fire.

Crisp County
Cordele — **11** — **1500EST 1530EST** — **0** — **0** — **5K** — **Thunderstorm Wind**
Crisp county 911 reported 10 trees knocked down by thunderstorm winds.

Clayton County
Jonesboro — **11** — **1530EST** — **0** — **0** — **25K** — **Lightning**
A Jonesboro newspaper reported two homes were struck by lightning. One home on Camanche Court was set on fire, while only smoke was found at the other house on Lull Water Circle.

Telfair County
Jacksonville — **11** — **1530EST** — **0** — **0** — **2K** — **Thunderstorm Wind**
The Telfair county 911 center reported trees down.

Wilcox County
4.5 S Abbeville — **11** — **1530EST** — **0** — **0** — **28K** — **Thunderstorm Wind**
The Abbeville NWS Cooperative Observer reported that strong thunderstorm winds caused considerable damage in Abbeville. Numerous trees were toppled and two trailers were knocked over and damaged. The top was stripped off one of the trailers. The strong thunderstorm winds also picked up a car, with two occupants, traveling on a local road, and set it down in a resident's yard. No injuries were reported.

Newton County
6 ESE Porterdale — **11** — **1535EST 1545EST** — **0** — **0** — **Hail (0.75)**
The public reported dime size hail. In addition, the top of a 10 inch diameter pine tree was broken off.

Henry County
Mc Donough — **11** — **1554EST** — **0** — **0** — **Hail (0.88)**
The public reported nickel size hail.

Baldwin County
1 SE Milledgeville — **11** — **1610EST** — **0** — **0** — **Hail (0.88)**
The Milledgeville police reported dime size hail.

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

GEORGIA, North and Central

Newton County

Stewart | **11** | **1610EST** | | | **0** | **0** | **15K** | | **Thunderstorm Wind**

The Newton county 911 center reported that several trees were uprooted and that a funnel cloud was observed by the chief of police. In addition, the public reported that a roof was blown off a gas station.

Washington County

Deepstep to Oconee | **11** | **1620EST 1630EST** | | | **0** | **0** | **4K** | | **Thunderstorm Wind**

The Washington county 911 center reported many trees down across the western half of the county.

Henry County

Locust Grove | **11** | **1630EST** | | | **0** | **0** | **0.50K** | | **Thunderstorm Wind**

The public reported a 50 foot pine tree was broken off about 20 feet above the ground. A dogwood tree was also blown down and several other tree limbs were reported down on the same property.

Johnson County

Countywide | **11** | **1630EST** | | | **0** | **0** | **5K** | | **Thunderstorm Wind**

The Johnson county 911 center reported trees down countywide.

Gwinnett County

Countywide | **11** | **1915EST 2030EST** | | | **0** | **0** | **75K** | | **Lightning**

The Atlanta Journal and Constitution reported lightning struck several homes, setting attic fires in some of them. One home on Forest Hills Drive in Norcross suffered significant damage, one on Sugargate Court near Lilburn sustained minor damage, and others in Snellville and Centerville suffered little damage. No injuries were reported.

Rockdale County

Lakeview Estates | **11** | **1945EST** | | | **0** | **0** | **250K** | | **Lightning**

The Rockdale Citizen reported that lightning struck the attic of a large home on Lake Rockaway Road. The house was completely destroyed by the resulting fire.

Gwinnett County

Norcross to Lawrenceville | **11** | **2000EST** | | | **0** | **0** | **5K** | | **Thunderstorm Wind**

The Gwinnett county 911 center reported trees down from Norcross, to Duluth, to Lawrenceville.

Rockdale County

1 SE Conyers | **11** | **2045EST** | | | **0** | **0** | **25K** | | **Lightning**

The Rockdale Citizen reported that lightning struck a large storage shed in the 2000 block of Georgia Highway 20, just north of Rockdale Drive.

Fayette County

6 S Fayetteville | **12** | **1225EST** | | | **0** | **0** | | | **Hail (0.88)**

The Fayette county 911 center reported dime size hail on Bernhard Road.

Fayette County

3 S Fayetteville to Starrs Mill | **12** | **1230EST 1235EST** | | | **0** | **0** | **4K** | | **Thunderstorm Wind**

The Fayette county 911 center and the public reported trees and power lines down along Harp Road south of Fayetteville in the Surrey Park subdivision, where a basketball goal was also reported down. On Hilo Road, about 3 miles southeast of Fayetteville, several large tree limbs were blown down. Further south, trees were also down near Starrs Mill.

Troup County

La Grange | **12** | **1230EST** | | | **0** | **0** | | | **Hail (0.75)**

The Troup county fire deparment, located on Hamilton Road in La Grange, reported dime size hail to the La Grange Daily Newspaper.

Troup County

La Grange | **12** | **1230EST** | | | **0** | **0** | **15K** | | **Thunderstorm Wind**

The La Grange Daily News reported numerous trees down throughout Troup county, particularly in the La Grange area. Trees were down on power lines and blocking some roads. There was also a report of a very large tree limb, nearly one-half of the tree, falling on a house which damaged the roof and took out a fence. The storm damage was concentrated in the Lafayette Parkway, Country Club Road, and Mill Village areas of La Grange, but numerous other city streets were also affected.

Henry County

3 NW Hampton | **12** | **1235EST** | | | **0** | **0** | **2K** | | **Thunderstorm Wind**

The public reported some trees down and several shingles blown off the roof of a house.

Spalding County

Griffin | **12** | **1235EST** | | | **0** | **0** | **5K** | | **Thunderstorm Wind**

Storm Data and Unusual Weather Phenomena

July 2000

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

GEORGIA, North and Central

The Spalding county 911 center reported powerlines down in the southern part of Griffin.

Lamar County
5 N Milner to 3 S Barnesville — **12** — **1315EST 1330EST** — **0** — **0** — **10K** — **Thunderstorm Wind**

The Lamar county 911 center and the public reported many trees down across the western half of Lamar county, particularly on Weldon Lake Road and Gordon Road.

Twiggs County
Dry Branch — **12** — **1315EST** — **0** — **0** — **3K** — **Thunderstorm Wind**

The Twiggs county 911 center reported trees down on U.S. Highway 80 at Dry Branch.

Butts County
Jenkinsburg — **12** — **1322EST** — **0** — **0** — **2K** — **Thunderstorm Wind**

The Butts county 911 center reported that a tree knocked down by thunderstorm winds caused a power line to fall.

Gordon County
Countywide — **12** — **1330EST 1400EST** — **0** — **0** — **15K** — **Thunderstorm Wind**

The Gordon county 911 center reported lots of trees and power lines down across the county. Damage to a home was incurred in one instance.

Lamar County
Barnesville — **12** — **1330EST** — **0** — **0** — **Hail (0.75)**

The public reported dime size hail near Barnesville.

Laurens County
Countywide — **12** — **1330EST 1530EST** — **0** — **0** — **25K** — **Thunderstorm Wind**

The Dublin Courier Herald reported that within a 2 hour period a nearly stationary thunderstorm knocked trees down on several county roads and power lines in Laurens county. Lloyd, Hubert, and Brookdale Drive were all blocked by trees. In addition, a tree fell on a vehicle in Rentz. The downed power lines, along with numerous cloud-to-ground lightning strikes, knocked the power out to most of the county during the afternoon and evening.

Laurens County
Dublin to 1 S East Dublin — **12** — **1330EST** — **0** — **0** — **10K** — **Lightning**

The Dublin Courier Herald reported lightning set fire to several homes in the Trinity Hills area of Dublin and just south of East Dublin near Georgia Highway 199. Apparently the fires were estinguished before major damage was incurred. The lightning also set fire and damaged a power pole on Blackshear's Ferry Road.

Laurens County
Dublin — **12** — **1330EST** — **0** — **0** — **0.50K** — **Urban/Sml Stream Fld**

The Dublin Courier Herald reported that over 3 inches of rain received in a short period of time caused several problems with high water on Dublin streets. One motorist reported water up to the floorboard in his car and there were several other reports received of water coming halfway up the tires of cars.

Monroe County
4 W Blount to 3 WNW Dames Ferry — **12** — **1406EST** — **0** — **0** — **3K** — **Thunderstorm Wind**

The Monroe county 911 center reported trees down at High Falls and Plant Shear, a Georgia Power generating facility near Lake Juliette.

Laurens County
Dublin — **12** — **1410EST** — **0** — **0** — **Hail (1.75)**

A meteorologist from WMAZ television in Macon, Georgia, relayed a report of golfball size hail from Dublin.

Emanuel County
Summertown to Nunez — **12** — **1420EST 1430EST** — **0** — **0** — **5K** — **Thunderstorm Wind**

The Emanuel county 911 center reported trees down across the west half of Emanuel county from Summertown, to Swainsboro, to Nunez.

Emanuel County
Summertown to Nunez — **12** — **1430EST** — **0** — **0** — **Urban/Sml Stream Fld**

The Emanuel county 911 center reported street flooding in the western part of the county.

Macon County
Montezuma to Oglethorpe — **12** — **1430EST** — **0** — **0** — **5K** — **Thunderstorm Wind**

The Macon county Sheriff reported trees and power lines down.

Johnson County
Countywide — **12** — **1445EST 1500EST** — **0** — **0** — **5K** — **Thunderstorm Wind**

Storm Data and Unusual Weather Phenomena

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

GEORGIA, North and Central

The Johnson county 911 center reported trees down on county roads across the county.

Walton County
Loganville **12** **1654EST** **0** **0** **Hail (0.75)**
The public reported dime size hail.

Walton County
Loganville **12** **1655EST** **0** **0** **3K** **Thunderstorm Wind**
The Walton county 911 center reported telphone lines down in Loganville.

Coweta County
2 SW Newnan **12** **1800EST** **0** **0** **13K** **Thunderstorm Wind**
The Newnan Times Herald reported tree limbs down throughout Coweta county on roads and power lines. In one instance a tree limb knocked a power line down onto a minivan on Smokey Road southwest of Newnan While the car sustained considerable damage, no injuries were reported.

Peach County
Byron to **14** **1330EST** **0** **0** **15K** **Thunderstorm Wind**
5 S Byron **1335EST**
The public reported that an awning and a pole were blown off a house. The pole below over the roof and hit and damaged a car in the yard. Further south, a trailer was knocked off its base and several trees were blown down. Pea size hail was also reported during this same thunderstorm.

Catoosa County
Countywide **20** **1812EST** **0** **0** **25K** **Thunderstorm Wind**
1900EST
The Catoosa county Sheriff's office reported to the Rome News Tribune that numerous trees and powerlines were blown down countywide. Trees fell on power lines, and blocked roads in many instances. There was also one report of a tree falling on and damaging a vehicle. Power outages were widespread in the county because of the large number of trees and power lines knocked down by the strong thunderstorm winds.

Chattooga County
Countywide **20** **1812EST** **0** **0** **20K** **Thunderstorm Wind**
1900EST
County 911 dispatchers reported to the Rome News Tribune that trees and power lines were down countywide. Consequently, nearly the entire county was reported to have been without power during the height of the evening thunderstorm.

Walker County
Countywide **20** **1812EST** **0** **0** **35K** **Thunderstorm Wind**
1900EST
The Walker County Messenger, the Rome News Tribune, and ham radio operators reported trees and power lines down countywide. Numerous roads were blocked by fallen trees and limbs. In addition, a vehicle was damaged on Steele Street in Lafayette when a large tree limb fell on it. A billboard was blown down on U.S. Highway 27 in Noble, and a number of other smaller signs were also blown down.

Dade County
4 NE Trenton **20** **1830EST** **0** **0** **15K** **Thunderstorm Wind**
A storm spotter report was relayed through the Morristown, TN National Weather Service office indicating that roof damage was sustained to the roof of the Piney Grove Baptist Church at the intersection of Burkhalter Gap Road and Lookout Mountain Scenic Highway. The spotter also spotted a funnel cloud in the same general area. In Trenton, an amateur radio operator reported 2 medium size trees down.

Floyd County
Countywide **20** **1855EST** **0** **0** **75K** **Thunderstorm Wind**
1915EST
The Rome Daily News, the Marietta Daily Journal, the public, and amateur radio operators reported widespread tree and power line damage countywide. Trees were reported down on homes, a vehicle, and power lines, and were blocking several roads, especially in Rome. A house on Lakeview Drive in the Garden Lakes community sustained significant damage when a large oak tree fell on the roof. The handrail of the St. Peter's Episcopal Church was damaged when a tree fell on the front steps. A van was also damaged significantly when a large oak tree fell on it during the thunderstorm. There was also a report of damage to the awning and carport of one house in Rome and some windows were blown out of one house about 8 miles south of Rome.

Gordon County
Countywide **20** **1902EST** **0** **0** **25K** **Thunderstorm Wind**
The Rome News Tribune reported that trees and power lines were down countywide.

Bartow County
Countywide **20** **1910EST** **0** **0** **45K** **Thunderstorm Wind**
1945EST

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

GEORGIA, North and Central

The Cartersville Daily News Tribune, the Marietta Daily Journal, and the public reported numerous trees down, some on roads and power lines, throughout the county. Some of the hardest hit areas were Cartersville, Atco, and the Apache Woods subdivision near Lake Allatoona. One tree damaged an outbuilding in Cartersville and another damaged a house. A woman, traveling on West Avenue in Cartersville during the height of the storm, was lucky to escape injury when a large tree and power line fell on her car.

Polk County

Countywide	**20**	**1910EST** **1945EST**		**0**	**0**	**25K**		**Thunderstorm Wind**

The Polk county 911 center and the Rome News Tribune reported trees and power lines down countywide.

Haralson County

2 S Buchanan to Waco	**20**	**1915EST** **1930EST**		**0**	**0**	**15K**		**Thunderstorm Wind**

Amateur radio operators reported trees down along Old Ridgeway Road and Morgan Road between Buchanan and Waco. The public reported trees down on a mobile home in Waco.

Whitfield County

Dalton to 2 E Dalton	**20**	**1920EST** **1930EST**		**0**	**0**	**85K**		**Thunderstorm Wind**

The public and an amateur radio operator reported numerous trees down throughout the city of Dalton and just east of Dalton in the Lakeview Estates area. The Dalton Public Works Department reported that about 12 homes were damaged in Dalton when trees fell on them.

Paulding County

Countywide	**20**	**1930EST** **1945EST**		**0**	**0**	**55K**		**Thunderstorm Wind**

A variety of sources, including the Georgia Emergency Management Association, an amateur radio operator, local Atlanta TV stations, and the general public, reported downed trees, power lines, and structural damage throughout Paulding county. Most of the damage was concentrated from Dallas to Hiram near Georgia Highways 6 and 92. In addition to the numerous reports of downed trees and power lines, 8 buildings sustained minor damage near the intersection of Harris Road and Georgia Highway 6, the siding was blown off a house on Georgia Highway 92 near the Paulding/Cobb county line, and a large pine tree damaged a house chimney near the Carroll county line north of Villa Rica.

Carroll County

Countywide	**20**	**1935EST**		**0**	**0**	**25K**		**Thunderstorm Wind**

The public and an amateur radio operator reported numerous trees down across mainly the eastern half of the county from Villa Rica, to Carrollton, to Whitesburg.

Cobb County

Acworth to Powder Spgs	**20**	**1943EST**		**0**	**0**	**50K**		**Thunderstorm Wind**

The Canton Cherokee Tribune and the public reported numerous trees down across mainly the western half of Cobb county from Acworth, to Kennesaw, to Powder Springs, and westward to the Paulding county line. Most of the damage was sustained in the Apache Woods subdivision of Acworth where a 1 foot diameter tree fell through a roof causing significant damage to the structure. Numerous other trees were reported down in this subdivision as well. Another subdivision hard hit was the English Oaks subdivision of
Kennesaw where numerous trees were downed by the thunderstorm winds.

Douglas County

Countywide	**20**	**1943EST** **1950EST**		**0**	**0**	**35K**		**Thunderstorm Wind**

The Douglasville County Sentinel and the public reported numerous trees down countywide. The county Emergency Management Association estimated that 75 to 100 trees were damaged in the county. A house was significantly damaged in Winston when a tree fell through the roof. There were many reports of trees down on the roofs of homes and on power lines throughout the county.

Heard County

Countywide	**20**	**1949EST** **2030EST**		**0**	**0**	**20K**		**Thunderstorm Wind**

The LaGrange Daily News reported trees and power lines down countywide.

Troup County

Countywide	**20**	**1949EST** **2030EST**		**0**	**0**	**200K**		**Thunderstorm Wind**

The LaGrange Daily News and the Troup county 911 center reported widespread major damage throughout the county. Trees and power lines were down countywide. It was estimated that $20,000 damage was done to a grounds maintenance equipment building at the Troup-Callaway Airport. A four-wheel truck and tractor parked next to the building were also damaged when a wall of the building fell on them. Several homes, particularly in the southern portion of the county south of Interstate 85, were damaged when trees fell on them. A car was totaled when a large oak tree fell on it. Other trees in the same area crashed through the roofs of homes, caused other less significant vehicle damage, and broke down a fence. The winds were reported to be so strong that an employee at a hardware store reported that pallets were blowing across the parking lot.

Troup County

La Grange	**20**	**1949EST**		**0**	**0**	**350K**		**Lightning**

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

GEORGIA, North and Central

The La Grange Daily News reported that lightning caused an estimated $100,000 damge to a house on Riverbend Road, caused another house fire at the corner of Mooty Bridge Road and John Harris Road, and destroyed two backup electrical generators at the City Hall.

Coweta County

5 NE Mc Collum | **20** | **2015EST** | | | **0** | **0** | **35K** | | **Lightning**

The Newnan Times Herald reported that lightning struck and destroyed a vacant mobile home in the Sweetbriar Mobile Home Park at Collinsworth Road and Interstate 85 in extreme northeast Coweta county. Neighbors reported seeing the lightning strike a pine tree adjacent to the mobile home. The current traveled from the tree to the mobile home, thus setting it on fire. No injuries were reported.

Coweta County

Newnan | **20** | **2015EST** | | | **0** | **0** | | | **Hail (1.75)**

The public and an amateur radio operator reported dime to golfball size hail.

De Kalb County

North Atlanta to 3.5 SE Constitution | **20** | **2015EST 2030EST** | | | **0** | **0** | **5K** | | **Thunderstorm Wind**

The public reported two trees down on Ashford Knoll Road in North Atlanta and a metal shed blown off its foundation a mile south of Cedar Grove in southwest DeKalb county.

Fulton County

College Park | **20** | **2015EST** | | | **0** | **0** | **1K** | | **Thunderstorm Wind**

The public reported that strong thunderstorms winds blew the guttering off a house in College Park.

Henry County

Hampton | **20** | **2030EST** | | | **0** | **0** | **5K** | | **Thunderstorm Wind**

The public reported lots of trees down.

Muscogee County

Countywide | **20** | **2035EST 2040EST** | | | **0** | **0** | **25K** | | **Thunderstorm Wind**

The Columbus Enquirer and the public reported numerous trees down countywide, with some on roads and power lines. At least 16 trees were reported down along Chattsworth Road in Columbus, and a large tree blocked traffic at 14th Street and Third Avenue in downtown Columbus. A storm spotter in Columbus clocked the winds at 73 mph with a hand-held Davis turbometer, while the ASOS at the Columbus airport clocked the winds at 53 mph.

Fayette County

3 N Fayetteville | **20** | **2045EST** | | | **0** | **0** | **10K** | | **Thunderstorm Wind**

The Fayette county 911 center reported trees down on a road and one tree down on a house.

Meriwether County

Greenville to Manchester | **20** | **2045EST** | | | **0** | **1** | **40K** | | **Thunderstorm Wind**

The Manchester Star Mercury reported that a Greenville woman was injured when a tree fell on the vehicle she was driving during the thunderstorm. The Manchester Public Works Department also reported numerous trees down just north of Manchester.

Talbot County

Countywide | **20** | **2045EST** | | | **0** | **0** | **15K** | | **Thunderstorm Wind**

The Talbot county 911 center reported at least one tree down, but several power lines down throughout the county.

Lamar County

Barnesville | **20** | **2050EST** | | | **0** | **0** | **5K** | | **Thunderstorm Wind**

The public reported that several trees and power lines were blown down. There were also reports received of cars being blown off the road by the strong thunderstorm winds.

Upson County

Hendrick to Thomaston | **20** | **2050EST 2115EST** | | | **0** | **0** | **10K** | | **Thunderstorm Wind**

The Upson county Emergency Management Director, the public, and amateur radio operators reported numerous trees and power lines down from Henrick to Thomaston. Much of the damage was reported along Georgia Highway 75 near Pleasant Valley Road where 10 to 15 trees were down. The public estimated wind gusts from 55 to 70 mph on the west side of Thomaston.

Crawford County

Countywide | **20** | **2058EST 2130EST** | | | **0** | **0** | **3K** | | **Thunderstorm Wind**

The Macon Telegraph reported some downed limbs and trees across Crawford county.

Monroe County

Countywide | **20** | **2058EST 2130EST** | | | **0** | **0** | **3K** | | **Thunderstorm Wind**

The Macon Telegraph reported a few limbs and some trees blown down across Monroe county.

Pike County

Molena | **20** | **2100EST 2110EST** | | | **0** | **0** | **10K** | | **Thunderstorm Wind**

The public reported numerous trees and power lines down.

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

GEORGIA, North and Central

Spalding County

Orchard Hill — **20** — **2115EST** — **0** — **0** — **5K** — **Lightning**

Amateur radio operators relayed a report of a structural fire caused by lightning. Little information was known about the type or extent of the damage.

Spalding County

Vaughn to Orchard Hill — **20** — **2115EST** — **0** — **0** — **5K** — **Thunderstorm Wind**

Amateur radio operators relayed a report of trees down across the western and southern parts of Spalding county, especially in the Orchard Hill area.

Bibb County

7 NW Macon to Macon — **20** — **2145EST 2200EST** — **0** — **0** — **75K** — **Thunderstorm Wind**

The Macon Telegraph, the public, a former NWS employee, and amateur radio operators reported numerous trees down in the Macon area. One vehicle was destroyed and another severely damaged in Macon when large trees fell on them. A house was also damaged in Macon when a large tree fell on the roof. Trees were reported down on power lines and roads. The strong wind was also responsible for blowing a window out of a downtown Macon building. Winds at the Middle Georgia Regional Airport in Macon were clocked at 52 mph.

Houston County

Centerville to Perry — **20** — **2155EST 2210EST** — **0** — **0** — **10K** — **Thunderstorm Wind**

A former NWS employee reported trees and large limbs down around his house in Centerville caused by estimated 60 mph winds. A tree was reported down on a power line and in a parking lot at the Warner Robbins Air Force Base and a roof was damaged in Perry, where winds were also estimated to be 60 mph.

Houston County

Perry — **20** — **2200EST** — **0** — **0** — **75K** — **Lightning**

The Macon Telegraph reported that a home was completely destroyed in unincorporated Houston county. There were no injuries reported since the house was vacant at the time.

Bleckley County

Countywide — **20** — **2210EST** — **0** — **0** — **15K** — **Thunderstorm Wind**

The Bleckley county 911 center reported trees down countywide.

Twiggs County

Countywide — **20** — **2210EST** — **0** — **0** — **15K** — **Thunderstorm Wind**

The Twiggs county 911 center reported lots of trees and power lines down across the county.

Wilcox County

Countywide — **20** — **2220EST 2230EST** — **0** — **0** — **20K** — **Thunderstorm Wind**

The Ben Hill Herald Leader reported that thunderstorms winds, estimated at 50 mph, knocked down numerous trees and power lines around the county, particularly in the Rochelle, Pitts, and Cedar Creek areas. On County Road 24, a large oak tree was blown down knocking several power lines down along with it. The downed power lines sparked several grass fires. The local cooperative observer for the NWS in Abbeville indicated that an awning was blown off the front porch of a mobile home as well.

Wilcox County

Rochelle — **20** — **2220EST** — **0** — **0** — **150K** — **Lightning**

The Ben Hill Herald-Leader reported that a lightning strike started a fire at a logging operation on Pineview Road which destroyed a fuel trailer with two tanks, an equipment trailer, and a log truck.

Crisp County

Coney to Marshall — **20** — **2300EST** — **0** — **0** — **5K** — **Thunderstorm Wind**

The Cordele Dispatch reported trees down along the main body of Lake Blackshear across the western part of the county.

Dawson County

8 W Dawsonville to 8 E Dawsonville — **23** — **1226EST 1300EST** — **0** — **0** — **Hail (1.75)**

The Dawson News and Advertiser, as well as amateur radio reports and the public, indicated that hail, ranging from the size of dimes to golfballs, fell along Georgia Highway 53 from the western end of the county to the eastern end of the county.

Dawson County

8 W Dawsonville to 8 E Dawsonville — **23** — **1226EST 1300EST** — **0** — **0** — **70K** — **Thunderstorm Wind**

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

GEORGIA, North and Central

The Dawson county Emergency Management Director, amateur radio operators, the Dawson News and Advertiser, and the public all reported extensive amounts of trees and power lines down across the county. The majority of the damage took place along Georgia Highway 53 from the western end of the county, through Dawsonville, to the eastern end of the county, including Georgia Highway 9. Hundreds of trees, along with power lines, were reported down along Georgia Highway 53. In addition, The First Baptist Church's Youth Center in Dawsonville was damaged and a car on Georgia Highway 9 was leveled by a large oak tree. Several other homes sustained damage in the county. A natural gas line was ruptured by a very large uprooted oak tree on West Highway 53. The damage was caused by a supercell thunderstorm that spawned an F0 to weak F1 tornado after moving further east into Hall and Banks counties.

Lumpkin County

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
Dahlonega to 8 N Dahlonega	**23**	**1255EST**			**0**	**0**			**Hail (0.75)**

The public reported dime to penny size hail.

Hall County

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
4 W Murrayville to Lula	**23**	**1300EST 1350EST**			**0**	**0**			**Hail (1.75)**

The public and the Gainesville Times Newspaper both provided numerous reports of hail ranging in size from dimes to golfballs across the northern part of the county from Murrayville, to Gainesville, to Clermont, to Lula. Golfball size hail was particularly widespread across the northern part of Gainesville where two reports indicated that hail was piled up 2 1/2 feet deep on roads and in yards. One report of such hail accumulations was on Jim Hood Road north of Gainesville and another on U.S. Highway 129, also north of Gainesville.

Hall County

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
Murrayville	**23**	**1300EST 1310EST**	**0.5**	**75**	**0**	**0**	**350K**		**Tornado (F1)**

An NWS Storm Survey team from the Peachtree City WFO confirmed that an F0 to weak F1 briefly tornado touched down in the Leisure Lakes Village mobile home park area of Murrayville in the far north part of the county. At least half a dozen homes were severely damaged by falling trees. There was also substantial damage reported to other trees and power lines in the same general area.

Hall County

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
4 W Murrayville to Lula	**23**	**1300EST 1350EST**			**0**	**0**	**50K**		**Thunderstorm Wind (G60)**

The public, along with several local newspapers, reported numerous trees and power lines down across much of the northern half of Hall county from Murrayville, to Gainesville, to Lula. Several boats docked at the north end of Lake Lanier were also reported to have been turned over. Damage was concentrated in the area north of Little River Bridge on U.S. 129 and south of Clermont. The North Hall neighborhood of Muscadine Valley and River North were particularly hard hit where dozens of pine trees were snapped in half and power lines were downed. This damage was in addition to two separate F0-F1 tornadoes that touched down in Murrayville and Lula during the same time frame.

Lumpkin County

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
3 N Dahlonega to 8 S Dahlonega	**23**	**1300EST 1315EST**			**0**	**0**			**Hail (1.75)**

The public reported hail ranging from the size of quarters to golfballs. A report from 3 miles north of Dahlonega indicated hail the size of golfballs lasted for 10 to 12 minutes.

Lumpkin County

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
Dahlonega	**23**	**1300EST 1315EST**			**0**	**0**	**50K**		**Thunderstorm Wind**

The Dahlonega News Nugget reported numerous trees down along Lumpkin County Parkway behind the 400 Industrial Park. In addition, one home and an air stream trailer were damaged by falling trees. The public reported a possible tornado in Dahlonega which uprooted trees and blew off the roofs of some homes. While this was the same storm that shortly thereafter produced an F0 to F1 tornado in Hall county, the National Weather Service Survey Team did not see evidence of a tornado touchdown in Lumpkin county. Thus, all damage was believed to have been caused by strong straight-line thunderstorm winds.

De Kalb County

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
Tucker to Lithonia	**23**	**1308EST 1342EST**			**0**	**0**			**Hail (1.00)**

Numerous reports of hail ranging in size from dimes to quarters were received from the public from Tucker, to Stone Mountain, to Lithonia.

De Kalb County

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
Tucker to Lithonia	**23**	**1308EST**			**0**	**0**	**20K**		**Thunderstorm Wind (G60)**

Numerous reports of estimated winds of 50 to 60 mph or greater, along with many downed trees were reported by the public from Tucker, to Stone Mountain, to Lithonia. The majority of the downed trees occurred in the Stone Mountain area, where the Atlanta Journal and Constitution also reported that a shed was picked up and tossed about by the strong winds. Some of the trees came down on homes, causing mostly minor damage.

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

GEORGIA, North and Central

De Kalb County

Lithonia to Stone Mtn — **23** — **1342EST** / **1405EST** — **0** killed, **0** injured — **Hail (1.00)**

The public reported quarter size hail from the northwest part of Lithonia to Stone Mountain.

De Kalb County

Lithonia to Stone Mtn — **23** — **1342EST** / **1405EST** — **0** killed, **0** injured — **5K** property — **Thunderstorm Wind (G60)**

The public reported large limbs and trees down, some on homes, particularly in the Stone Mountain area. Winds were estimated by the public at 50 to 60 mph or greater.

Gwinnett County

3 W Centerville to 3 E Centerville — **23** — **1345EST** — **0** killed, **0** injured — **Hail (1.00)**

The public reported hail within a wide swath across southern Gwinnett county that stretched from the DeKalb county border west of Centerville to east of Centerville and north to Snellville. One report received from Snellville indicated that the hail lasted for 15 to 20 minutes.

Hall County

3 S Lula — **23** — **1350EST** — **0.5** miles — **75** yards — **0** killed, **0** injured — **125K** property — **Tornado (F1)**

An NWS Survey team concluded that an F0 to weak F1 tornado touched down briefly about 3 miles south of Lula in extreme northeast Hall county. The tornado was only on the ground very briefly and lifted before crossing into Banks county. It had a width of 50 to 100 yards. Nonetheless, about one dozen homes were damaged with numerous trees and power lines down in the area as well. The tornado was said to have been visible from the Boy Scout Ranch on Highway 60. Debris was observed swirling in the air.

Gwinnett County

Snellville — **23** — **1355EST** / **1415EST** — **0** killed, **0** injured — **3K** property — **Thunderstorm Wind (G50)**

The public reported trees down on Interstate 85 and Georgia Highway 63 near Snellville.

Rockdale County

Lakeview Estates to Conyers — **23** — **1355EST** — **0** killed, **0** injured — **Hail (1.00)**

The public reported quarter size hail in the Lakeview Estates area.

Walton County

Loganville — **23** — **1405EST** — **0** killed, **0** injured — **Hail (0.75)**

The public reported dime size hail.

Banks County

5 WSW Homer to 3 SW Homer — **23** — **1410EST** / **1416EST** — **1.5** miles — **100** yards — **0** killed, **1** injured — **105K** property — **Tornado (F0)**

An NWS Survey Team concluded that an F0 tornado briefly touched down 5 miles west-southwest of Homer and traveled for 2 miles with an approximate path width of 100 yards to a point approximately 3 miles southwest of Homer. One person was injured, apparently by debris, but little additional information was known. The Banks county newspaper reported that the tornado completely destroyed a chicken breeder/pullet building on Simms Road, which had 11,000 chickens inside. The number of chickens that survived was unknown, but the loss of the chicken house and chickens was estimated at $66,000. At the neighboring residence, a satellite dish was destroyed when a large tree fell on it. Another house on Wellborn Road sustained damage when a large uprooted tree fell on the back portion of the house causing damage. Roads and yards in the area were littered with fallen trees and debris. Several roads were blocked as a consequence.

Banks County

7 SW Homer — **23** — **1415EST** — **0** killed, **0** injured — **3K** property — **Thunderstorm Wind (G60)**

The public reported trees down. Winds were estimated at 60 mph.

Rockdale County

1 NW Conyers — **23** — **1415EST** / **1430EST** — **0** killed, **0** injured — **50K** property — **Thunderstorm Wind**

The Rockdale Citizen reported widespread tree damage across the northern part of the county. Trees were reported down on power lines, homes, and automobiles. Most of the damage occurred in the Bethel, Sheffield, Chandler, Fork, Mt Zion, Almond, and Day road areas near Conyers. A vehicle was severely damaged on Bethel Road, and falling trees damaged a boardwalk at Black Shoals Park. In addition, several power poles were broken, including some major poles at a sub-station.

Walton County

5 S Loganville — **23** — **1435EST** — **0** killed, **0** injured — **Hail (1.75)**

The public reported golfball size hail.

Walton County

5 S Loganville — **23** — **1435EST** — **0** killed, **0** injured — **3K** property — **Thunderstorm Wind**

The public reported trees down.

Carroll County

Clem to Lowell — **23** — **1438EST** — **0** killed, **0** injured — **5K** property — **Thunderstorm Wind**

The Carroll county 911 center reported trees and power lines down along Clem-Lowell road.

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

GEORGIA, North and Central

Douglas County

Winston to Fairplay **23** **1445EST** **0** **0** **Hail (0.75)**

The public reported dime size hail from Winston to Fairplay.

Clarke County

Athens **23** **1505EST** **0** **0** **0.50K** **Thunderstorm Wind**

The Athens Daily News reported two trees down.

Barrow County

Carl **23** **1515EST** **0** **0** **50K** **Lightning**

The Barrow County News reported that lightning started a fire in the attic of a home located on Briarwood Road near Carl-Cedar Hill Road in the Briarwood Subdivision. Fire damage was mainly confined to the attic and a front room of the house, while smoke and water damage was noted elsewhere. No one was injured as the house was vacant at the time of the incident.

Heard County

Roosterville **23** **1523EST** **0** **0** **5K** **Thunderstorm Wind**

The Heard county 911 center reported power lines down.

Fayette County

8 NW Fayetteville **23** **1525EST** **0** **0** **50K** **Lightning**

The Fayette county Emergency Management Director reported that lightning started a fire to a gas station/grocery store in far northwest Fayette county on Georgia Highway 92 near the Fulton county line.

Fayette County

8 NW Fayetteville to Fayetteville **23** **1525EST** **0** **0** **25K** **Thunderstorm Wind**

The Atlanta Journal and Constitution, the Fayette County Fire and Emergency Services, and the public reported numerous trees and power lines down across the northwest part of Fayette county. An Amoco gas station was damaged in far northwest Fayette county on Georgia Highway 92 near the Fulton county line when its canopy was torn off. The debris from the canopy caused minor damage to a nearby home.

Fulton County

College Park to Fairburn **23** **1530EST** **0** **0** **8M** **Tstm Wind**

The Atlanta Journal and Constitution, along with public, numerous ham radio reports, and county 911 reports indicated that widespread and substantial damage was done by a thunderstorm with winds estimated at 60 to 65 mph. Hundreds of trees littered the roads and knocked down power lines across southern Fulton county, from just south of the Atlanta International Airport to the Fayette county line. Highway 279 was blocked for several hours with debris. Dozens of homes sustained roof and some structural damage as large trees, mostly pines, fell on them and two windows were damaged at one home in College Park. Six to eight vehicles were damaged along Old National Highway when large trees fell on them. Furthermore, a large 10 ft by 2 ft metal sign was blown down in Fairburn at the intersection of Interstate 85 and Georgia Highway 74.

Madison County

Countywide **23** **1530EST** **0** **0** **300K** **Thunderstorm Wind**

The Comer News and the Madison county 911 center reported widespread damage across Madison county. Extensive damage was reported to 3 chicken houses, power lines, and hundreds of trees, some more than 100 years old. The hardest hit areas of the county were the western sections from Cromers, to Shiloh, to Pocataligo, to Ila. The Shiloh area was especially hard hit where countless trees were uprooted and snapped in two. In addition, a steeple was toppled at the Jones Chapel in Shiloh by the strong thunderstorm winds.

Twiggs County

7 E Bullard **23** **1530EST** **0** **0** **7K** **Thunderstorm Wind**
1545EST

The Twiggs county Emergency Management Director reported that about 30 pine trees were either twisted or broken off and some power lines were down between Bullard and Danville off Interstate 16 near U.S. Highway 129. He estimated that the damage covered a 0.5 to 1.5 mile wide area and stretched along a three mile wide path. He further reported that while most of the trees were lying in a northwesterly direction, some of the trees were lying in a southerly direction.

Coweta County

Newnan to 10 W Newnan **23** **1533EST** **0** **0** **8K** **Thunderstorm Wind**
1545EST

The public reported that strong thunderstorm winds picked up a storage shed 10 miles west of Newnan and tossed it about. The storm also knocked down a power line down in Newnan.

Clayton County

Riverdale **23** **1535EST** **0** **0** **Hail (1.50)**
1545EST

The public reported 1.00 to 1.50 inch diameter hail.

Clayton County

Riverdale to Morrow **23** **1535EST** **0** **0** **4M** **Thunderstorm Wind (G65)**
1547EST

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

GEORGIA, North and Central

The Atlanta Journal and Constitution, along with the Clayton county 911 center, ham radio operators, and the public reported strong thunderstorm winds caused widespread destruction of trees across northern Clayton county. The damage path continued from southern Fulton county near College Park through Riverdale to Forest Park and Morrow in Clayton county. The area from College Park to Riverdale along Georgia Highway 314 bore the brunt of the storm. Hundreds of trees were down on homes and power lines. Parts of Bethsaida Road and Cheryl Lee Road had to be closed because they were blocked by trees.

Fulton County
College Park — **23** — **1540EST** — **0** — **0** — **Hail (1.75)**
The public reported golfball size hail.

Paulding County
Hiram — **23** — **1545EST** — **0** — **0** — **Hail (1.75)**
1554EST
The public reported hail ranging in size from pea to golfball.

Warren County
Countywide — **23** — **1545EST** — **0** — **0** — **25K** — **Thunderstorm Wind**
The Warren county 911 center reported trees down throughout the county.

Henry County
Stockbridge — **23** — **1600EST** — **0** — **0** — **2K** — **Thunderstorm Wind**
The public reported 5 trees down in the road.

Warren County
Countywide — **23** — **1615EST** — **0** — **0** — **20K** — **Thunderstorm Wind**
The Warren county 911 center reported more trees down countywide.

Haralson County
1 W Tallapoosa — **23** — **1720EST** — **0** — **0** — **Hail (0.75)**
The public reported dime size hail.

Walker County
Countywide — **23** — **1750EST** — **0** — **0** — **0.50K** — **Thunderstorm Wind (G65)**
1805EST
Ham radio operators relayed numerous reports of strong winds, estimated at 60 to 65 mph, from Rossville in the far north part of the county to La Fayette in the southern part of the county. However, the only damage reported were several 15 to 20 ft limbs down in the Chickamauga area.

Walker County
Wallaceville — **23** — **1750EST** — **0** — **0** — **Hail (0.75)**
A ham radio operator relayed a report of dime size hail.

Catoosa County
Central Portion — **23** — **1800EST** — **0** — **0** — **15K** — **Thunderstorm Wind**
The North Georgia Electric Management Cooperative reported trees and power lines down throughout the central portion of the county.

Twiggs County
Jeffersonville — **28** — **1216EST** — **0** — **0** — **3K** — **Thunderstorm Wind**
The Twiggs county Sheriff reported trees down on Henderson Road.

Bleckley County
5 N Cochran — **28** — **1325EST** — **0** — **0** — **50K** — **Thunderstorm Wind**
The public reported that 3 barns were severely damaged.

Bibb County
Macon — **28** — **1335EST** — **0** — **0** — **Hail (1.50)**
1340EST
The Bibb county Sheriff reported 1.5 inch diameter hail on Rocky Creek Drive at Bloomfield.

Twiggs County
Bullard — **28** — **1400EST** — **0** — **0** — **3K** — **Thunderstorm Wind**
The Twiggs county 911 center reported 10 to 15 trees down.

Washington County
Tennille — **28** — **1420EST** — **0** — **0** — **10K** — **Lightning**
The Washington county 911 center reported that two homes were struck by lightning. The extent of the damage was not known.

Washington County
5 SW Tennille — **28** — **1420EST** — **0** — **0** — **1K** — **Thunderstorm Wind**
The Washington county 911 center reported two trees down on Tennille-Oconee Road.

Towns County
3 SSE Hiawassee — **28** — **1928EST** — **0** — **0** — **3K** — **Thunderstorm Wind**
The Towns county 911 center reported three trees down, one on Georgia 75 and two on Fodder Creek Road just northwest of Macedonia.

Paulding County
Hiram — **29** — **1452EST** — **0** — **0** — **1K** — **Thunderstorm Wind (G65)**
1455EST

Storm Data and Unusual Weather Phenomena

July 2000

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
GEORGIA, North and Central									
		A trained storm spotter and the public reported trees down in Hiram. The spotter estimated the winds to be 65 mph.							
Floyd County									
Lindale to Silver Creek	**29**	**1600EST**			**0**	**0**	**30K**		**Thunderstorm Wind**
		The Rome News Tribune reported that thunderstorm winds knocked down several trees, one on a power line and another on a lady's car at Millican's Grocery Store in Lindale. No injuries were reported.							
Floyd County									
Lindale to Silver Creek	**29**	**1600EST**			**0**	**0**			**Urban/Sml Stream Fld**
		The Rome News Tribune reported minor street flooding.							
Floyd County									
Lindale to Silver Creek	**29**	**1600EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
		The Rome News Tribune reported that a thunderstorm downburst knocked down a few trees and a power line near Millican's Foodland.							
Floyd County									
Lindale to Silver Creek	**29**	**1600EST**			**0**	**0**			**Urban/Sml Stream Fld**
		The Rome News Tribune reported minor street flooding.							
Cobb County									
Powder Spgs	**30**	**1500EST**			**0**	**0**	**25K**		**Lightning**
		The Atlanta Journal and Constitution reported that a house was set on fire on Hollow Stream Trail off Old Lost Mountain Road. No one was injured in the incident.							
Paulding County									
Dallas	**30**	**1500EST**			**0**	**1**			**Lightning**
		Channel 2 (WSB TV) in Atlanta reported that a child was struck and injured by lightning.							
Hall County									
3 E Gainesville	**30**	**1620EST**			**0**	**0**			**Hail (1.00)**
		The public reported quarter size hail.							
Hall County									
3 E Gainesville	**30**	**1620EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
		The public reported some trees down.							
Dade County									
Trenton	**30**	**1640EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
		The Dade county 911 center reported some trees down in the road and on a power line.							
Walker County									
Rossville	**30**	**1645EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
		The Walker county 911 center reported some trees down on Lytle Road.							
Newton County									
Porterdale	**30**	**1720EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		The Newton county 911 center reported trees and power lines down on Flat Shoals Road.							
Baldwin County									
6 NW Milledgeville to 5 E Milledgeville	**30**	**1750EST**			**0**	**0**			**Hail (0.75)**
		The Baldwin county 911 center received reports of dime size hail.							
Baldwin County									
6 NW Milledgeville to 5 E Milledgeville	**30**	**1750EST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		The Baldwin county 911 center reported trees and power lines down.							
Clayton County									
Conley to Morrow	**30**	**1831EST** **1835EST**			**0**	**0**	**35K**		**Thunderstorm Wind**
		The public reported trees down from in Conley and Morrow. At one residence in Morrow, the trees were reported to be down on a van and across the side of the house.							
De Kalb County									
3 SW Snapfinger	**30**	**1835EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		The De Kalb county 911 center reported trees and power lines down in the extreme southern part of the county near the Clayton county line.							
Henry County									
1 S Scarboroughs Xrds	**30**	**1835EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		The Henry county 911 center reported trees and power lines down in the extreme northwest part of the county on Fairview Road.							
Fulton County									
Roswell	**30**	**1915EST**			**0**	**0**			**Hail (1.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
GEORGIA, North and Central									
		The public reported golfball size hail.							
Gwinnett County									
Duluth	**30**	**1925EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
		The public reported trees down on the deck of a home.							
Coweta County									
Sharpsburg	**31**	**1630EST**			**0**	**0**	**10K**		**Lightning**
		A trained storm spotter reported that a house on Standing Rock Road was struck by lightning. The extent of the damage was unknown.							
Fayette County									
Countywide	**31**	**1630EST**			**0**	**0**			**Urban/Sml Stream Fld**
		1710EST							
		The Fayette county 911 center reported street flooding throughout the county.							
Fayette County									
Peachtree City	**31**	**1630EST**			**0**	**0**	**175K**		**Lightning**
		The Fayette Citizen reported that a house was struck by lightning on Valley View in the Braelinn Green subdivision. The house suffered extensive fire and water damage. No one was home at the time of the incident and no one was injured.							
De Kalb County									
Countywide	**31**	**1750EST**			**0**	**0**			**Urban/Sml Stream Fld**
		The De Kalb county 911 center reported minor street flooding.							
Gwinnett County									
3 E Lilburn	**31**	**1750EST**			**0**	**0**			**Urban/Sml Stream Fld**
		The Gwinnett county 911 center reported minor street flooding. In addition a tree was knocked down during the thunderstorm.							
Washington County									
Deepstep	**31**	**1845EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
		The Washington county 911 center reported several trees down.							
GEORGIA, Northeast									
Hart County									
9 NW Hartwell	**10**	**1330EST**			**0**	**0**			**Thunderstorm Wind (G55)**
		An isolated severe thunderstorm blew down a few trees and tore a tin roof off a restaurant and another building. Some trees fell on power lines and some damaged roofs.							
Stephens County									
Martin	**13**	**1926EST**			**0**	**0**			**Thunderstorm Wind (G55)**
		A severe thunderstorm blew down power poles along Hwy 17.							
Elbert County									
Bowman	**23**	**1535EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Elbert County									
Elberton	**23**	**1605EST**			**0**	**0**			**Thunderstorm Wind (G50)**
		A severe thunderstorm produced damaging microburst winds which downed numerous trees and power lines.							
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**
	31	**2359EST**							
		Moderate to severe drought conditions continue over southeast Georgia.							
Long County									
3 W Ludowici	**07**	**1610EST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Powerlines down.							
Bulloch County									
1 E Hopeulikit	**14**	**2030EST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Large limbs and power lines down.							
Screven County									
2 E Rocky Ford	**14**	**2035EST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Trees and power lines down.							
Chatham County									
2 E Thunderbolt	**16**	**1855EST**			**0**	**0**			**Thunderstorm Wind (G52)** [M]
		U.S. Coast Guard experienced wind gust to 60 mph on Tybee Island.							
Bryan County									
Richmond Hill	**22**	**1615EST**			**0**	**0**			**Thunderstorm Wind (G52)**
Screven County									
Newington	**23**	**1945EST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Trees and power lines down.							

Storm Data and Unusual Weather Phenomena

July 2000

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

GEORGIA, Southeast

Liberty County

2 E Dorchester — **25** — **1310EST** — **1** — **5** — **Lightning**

Two families from Richmond Hill in Bryan county were out boating when a strong thunderstorm developed suddenly. They took shelter under an eroded embankment, which was pierced by the roots of a large, isolated pine tree. The lightning struck the tree and traveled through the tree, down its roots and into the members of the two families. Everyone was knocked unconscious. F40UT

GEORGIA, Southwest

Dougherty County

Albany — **11** — **1430EST** **1530EST** — **0** — **1** — **10K** — **Thunderstorm Wind**

A large tree fell onto a vehicle injuring the driver. Several trees and power lines down in Albany. Reported by the Dougherty County EMA.

Lee County

5 WSW Leesburg — **12** — **1532EST** — **0** — **0** — **0.20K** — **Thunderstorm Wind**

Few trees down on State Road 32. Reported by the Lee County EMA.

Thomas County

Thomasville — **13** — **1645EST** **1655EST** — **0** — **0** — **5K** — **Thunderstorm Wind**

A toppled tree tore electric lines from a house on Peach Street and another tree fell onto electric lines on Remington Avenue.

Mitchell County

Pelham — **13** — **1700EST** — **0** — **0** — **20K** — **Thunderstorm Wind**

Large pine trees blown down onto power lines and homes within a three-square block area in east Pelham. Reported by the Pelham Journal.

Berrien County

Countywide — **14** — **1645EST** **1700EST** — **0** — **0** — **0.50K** — **Thunderstorm Wind**

A few trees down. Reported by the Berrien County EMA.

Lowndes County

Naylor — **14** — **1930EST** **2030EST** — **0** — **0** — **100K** — **Lightning**

Lightning ignited a fire which destroyed a warehouse. Reported by the Valdosta Daily Times.

Quitman County

9 SE Georgetown — **20** — **2045EST** — **0** — **0** — **2K** — **Thunderstorm Wind**

Some trees and power lines down at U.S. Highway 82 and Hatcher Road. Reported by the Quitman County EMA.

Clay County

6 N Bluffton — **20** — **2050EST** — **0** — **0** — **0.20K** — **Thunderstorm Wind**

A few trees down at the intersection of State Road 37 and U.S. Highway 27. Reported by the Clay County EMA.

Lee County

Northwest Portion — **20** — **2130EST** — **0** — **0** — **0.50K** — **Thunderstorm Wind**

Trees and limbs down on Lover's Lane off County Road 526 and U.S. Highway 19, and at Eagle Pond. Reported by the Lee County EMA.

Lowndes County

Countywide — **22** — **1600EST** **1610EST** — **0** — **0** — **5K** — **Thunderstorm Wind**

Some trees down on power lines. Reported by the Lowndes County Sheriff.

Lowndes County

3 N Moody Afb to 1 N Moody Afb — **22** — **1605EST** — **0** — **0** — **50K** — **Thunderstorm Wind**

Several apartments damaged. Large pecan trees down. Reported by the public.

Dougherty County

Albany — **22** — **1640EST** — **0** — **0** — **2K** — **Thunderstorm Wind**

Some trees down on power lines. Reported by Albany 911.

Worth County

Sylvester — **22** — **1647EST** — **0** — **0** — **Hail (0.88)**

Nickel size hail. Reported by Worth County 911.

Baker County

Countywide — **22** — **1655EST** **1700EST** — **0** — **0** — **5K** — **Thunderstorm Wind**

Some trees down on power lines. Reported by the Baker County Sheriff.

Colquitt County

Moultrie — **23** — **1500EST** — **0** — **0** — **150K** — **Lightning**

Lightning struck and ignited the roof of a residence on Shade Murphy Road in Moultrie. The fire gutted the home. Reported by the Moultrie Observer.

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
GEORGIA, Southwest									
Dougherty County									
Albany	**23**	**1530EST** **1600EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Numerous trees down. Reported by Albany 911.									
Terrell County									
Countywide	**23**	**1600EST** **1615EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Numerous trees down. Reported by the Terrell County Sheriff.									
Decatur County									
Countywide	**23**	**2020EST** **2025EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Numerous trees and power lines down. Reported by Decatur County 911.									
Miller County									
5 N Colquitt	**24**	**1220EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Parked semi-trailer and horse stalls blown over. Reported by the Miller County EMA.									
Thomas County									
Metcalf	**24**	**1600EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
A few trees and power lines down. Reported by the Thomas County Sheriff.									
GEORGIA, West Central									
NONE REPORTED.									
HAWAII									
HIZ001>003-005>008	**Kauai - Oahu - Maui - Molokai - Lanai - West Hawaii Including Leeward Kohala And Kona - South Hawaii Including Kau**								
	01 **31**	**0000HST** **2359HST**			**0**	**0**			**Drought**

Meteorologically speaking, the highlight of the month was the passage of Tropical Storm Daniel to the north of the Big Island on 31 July. In terms of hydrology, Daniel was largely a non-event. Isolated thunderstorms flared up over the Big Island in association with one of the trailing rain bands and dropped 1 to 3 inches of rain in a couple of areas. Otherwise, statewide rainfall totals attributed to Daniel's circulation were mainly less than 0.25 of an inch, with a few spots between 0.25 and 0.50.

Other than Tropical Storm Daniel, the weather pattern during July was dominated by trade winds in the moderate to fresh range. Active shower bands embedded within the trades brought rainfall to the windward sides of the island chain on a daily basis. This helped push rainfall totals to near, to above, average levels at most of the windward gages. Upper level lows also moved near the state on 6 July, 10-12 July, and 25-27 July. These lows helped enhance the trade wind showers and the afternoon convection over the leeward areas of the Big Island and Maui.

Island of Kauai

As was the case in June, the month of July saw near to above average rainfall at many locations on the island of Kauai. Daily totals were generally well distributed throughout the month, with amounts mostly less than 0.50 of an inch. However, totals for the year-to-date showed all sites remained below average.

Island of Oahu

Oahu received a better distribution of rainfall in July than during June. Out of the 27 available sites, 12 reported above average rainfall, while 6 others were in the 80 to 100 percent of average range. On the other hand, all gages on Oahu were still below average for the year-to-date. Windward gages were mostly in the 40 to 70 percent of average range, while leeward gages were within 20 to 40 percent of average.

Maui County

For Upcountry Maui, the month of July did not bring a continuation of June's rainfall. The gage at Kula saw only 0.06 of an inch of rain (4 percent of average), while Pukalani saw 0.42 (52 percent of average). However, looking at the bigger picture, the year-to-date numbers improved a bit in July. Four sites had managed to rise above the 60 percent of average level, the highest being at Haiku (24.29 inches).

Island of Hawaii

A very rainy July pushed monthly totals over the windward areas of the Big Island well above average. However, rainfall totals were much lower elsewhere across the isle and were mainly in the 40 to 60 percent of average range. The gage at Kamakoa was a notable exception. After receiving 1.83 inches of rain in June (600 percent of average), this site did not record any rain in July.

Data from windward locations of the Big Island showed that year-to-date totals pushed up into the 70 to 80 percent of average range.

HAWAII

Leeward gages also improved, with many now being in the 30 to 50 percent of average range.

The following list contains rainfall statistics for selected locations from around Hawaii. The first column is the observed rainfall for July. The second column is the 30-year average for that 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 the percent of average, respectively.

	Jul 00	Avg.	%Avg.	YTD	YTD %Avg.
Kauai					
Kokee	2.69	2.90	93	25.25	47
Hanalei	10.59	8.60	123	43.89	63
Anahola	1.97	2.50	79	11.23	39
Lihue VS	2.70	5.40	50	13.94	34
Lihue Airport	1.51	2.10	72	9.63	40
Hanapepe	1.17	1.30	90	6.14	36
Oahu					
Honolulu Airport	0.41	0.60	68	2.65	23
Manoa Lyon	16.81	13.20	127	80.31	91
Waimanalo	0.70	1.70	41	9.49	32
Waihee Pump	6.49	7.80	83	27.36	44
Kahuku	2.56	2.20	116	11.14	42
Waianae	0.16	0.30	53	0.91	8
Kunia	0.84	0.80	105	5.32	33
Maui					
Kahului	0.80	0.40	200	3.60	28
Hana	6.27	5.60	112	M	M
Kihei	0.02	0.10	20	0.17	2
Lahainaluna	0.12	0.30	40	0.69	6
Wailuku	0.37	0.60	62	5.57	31
Kula	0.06	1.40	4	4.40	23
Ulupalakua	1.32	1.60	83	7.29	34
Molokai					
Kaunakakai	M	0.20	M	M	M
Kamalo	1.39	1.30	107	M	M
Lanai					
Lanai City	1.64	2.00	82	6.71	28
Island of Hawaii					
Hilo Airport	13.16	9.70	136	56.16	75
Pahala	1.12	2.10	53	10.13	31
Honaunau	3.25	7.30	45	14.69	37
Kamuela (Upper)	4.04	4.40	92	28.96	80
Glenwood	20.84	9.90	211	78.85	79
Laupahoehoe	7.55	10.00	76	53.12	57
Kamakoa	0.00	0.80	0	2.41	22
Kapapala	1.94	3.10	63	8.97	24

Hawaii's drought caused some $6.5 million in losses for the state's ranchers and dairy farmers last year, according to the state Department of Agriculture. This year the losses will rise to $9.1 million, estimated a state agricultural loan administrator.

To help Hawaii's cattlemen and farmers, the state Board of Agriculture passed a resolution allowing for emergency loans of up to $250,000 at 3 percent interest to the islands' ranchers and dairy farmers whose efforts to secure loans through private lenders have been rejected.

The board also received a briefing on the Hawaii Drought Plan, which is being put together at the state level to help the state improve preparation and response to drought. Federal help also could come with the plan. The state's effort will be sent to Congress as part of a larger proposal to set up financing for Western states to deal with droughts.

Hawaii County

Storm Data and Unusual Weather Phenomena

July 2000

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
HAWAII									
Volcano	**01**	**0100HST**			**0**	**0**			**Wild/Forest Fire**
	05	**1500HST**							
A brush and grassland fire burned 1000 acres in Hawaii Volcanoes National Park over a four-and-a-half day period in early July. Although the fire came within 30 feet of the Kipuka Puaulu Picnic Shelter, the structure remained undamaged. No other damage or serious injuries were reported.									
Hawaii County									
Kailua Kona	**03**	**0035HST**			**0**	**0**			**Urban/Sml Stream Fld**
		0300HST							
Heavy showers produced ponding of roadways and caused some small streams to overflow their banks in and around Kailua-Kona on the Big Island. No serious injuries or damage were reported.									
Honolulu County									
Central Portion	**18**	**1455HST**			**0**	**0**			**Wild/Forest Fire**
	19	**1612HST**							
A brush fire burned 300 acres in central Oahu in the Waipio-Gentry area. The fire forced a closure of the H-2 Freeway in both directions, creating a massive traffic jam for several hours during rush hour on 18 July. A hundred firefighters, from 25 Honolulu fire units and five federal firefighting units, took part in containing the fire. Five helicopters from the Honolulu Fire Department and the Army were also used to in fighting the blaze. The fire did threaten some homes and commercial structures at times, but in the end, no serious damage or injuries were reported.									
HIZ007	**West Hawaii Including Leeward Kohala And Kona**								
	22	**1535HST**			**0**	**0**			**Flood**
		1800HST							
Heavy rainfall produced some minor flooding of roadways and caused streams to overflow their banks in the South Kona District from Captain Cook to Honaunau. No serious damage or injuries were reported.									
Honolulu County									
Maili	**26**	**1241HST**			**0**	**0**	**230K**		**Wild/Forest Fire**
		1949HST							
A brush fire in the West Oahu community of Maili burned 50 acres and damaged two homes on the afternoon of 26 July. Neither home was habitable after the blaze, and six people were displaced.									
IDAHO, Extreme Southeast									
NONE REPORTED.									
IDAHO, North									
Lemhi County									
Shoup to	**10**	**1700MST**			**0**	**0**			**Wild/Forest Fire**
Countywide	**31**	**0000MST**							
More than 50,000 acres of forest burned from a lightning started fire. Fire started near Shoup over the Clear Creek drainage in northwest Lemhi County. One outbuilding and a outhouse burned.									
Lemhi County									
Salmon	**31**	**1730MST**			**0**	**0**			**Thunderstorm Wind (G60)**
		1830MST							
5 miles north of Salmon, portion of roof blown off house. 12 foot piece of roof flew one mile and ripped through a tent. Large trees blown down in the town of Salmon.									
IDAHO, Northwest									
NONE REPORTED.									
IDAHO, Southeast									
Power County									
American Falls to	**17**	**1324MST**			**0**	**0**	**0**	**4K**	**Thunderstorm Wind (G52)**
Rockland		**1410MST**							
Winds to 60 mph toppled several trees of 6-8 inches in diameter, broke tree limbs and flattened crops.									
Custer County									
Leslie to	**17**	**1430MST**			**0**	**0**	**2K**		**Hail (1.00)**
Mackay		**1530MST**							
In addition to the hail which fell in Leslie, winds from the thunderstorm blew a tree onto a transformer in Mackey damaging it which caused a power outage.									
Butte County									
Howe	**17**	**1530MST**			**0**	**0**			**Thunderstorm Wind (G51)** [M]
		1600MST							

Storm Data and Unusual Weather Phenomena

July 2000

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
IDAHO, Southeast									
Jefferson County									
Countywide	**17**	**1640MST**			**0**	**0**	**2K**		**Thunderstorm Wind (G50) M**
		1710MST							
A small shed was picked up and thrown 200 feet and trees were downed two miles east of Rigby									
Jefferson County									
3 W Roberts	**17**	**1640MST**	**2**	**10**	**0**	**0**			**Tornado (F0)**
		1643MST							
A brief touchdown from a weak tornado that caused no damage.									
Bonneville County									
15 W Idaho Falls	**17**	**1650MST**			**0**	**0**			**Thunderstorm Wind (G56) M**
		1700MST							
Butte County									
Arco to	**18**	**1210MST**			**0**	**0**		**10K**	**Hail (1.00)**
Howe		**1255MST**							
Hail covered the ground in places to a depth of 4 inches. The hail and wind to 50 mph damaged numerous fruit trees and flattened crops.									
Jefferson County									
Countywide	**18**	**1315MST**			**0**	**0**	**60K**	**300K**	**Tstm Wind/Hail**
		1400MST							
Thunderstorm winds to 50 mph and hail of unknown diameter cut a swath through some 10% of the crops in Jefferson county. About 40,000 acres of alfalfa, wheat of other crops were damaged or flattened. Winds toppled and destroyed a 60 foot grain silo.									
Bannock County									
Countywide	**26**	**1400MST**			**0**	**0**			**Wild/Forest Fire**
	31	**0000MST**							
Bingham County									
Countywide	**26**	**1400MST**			**0**	**0**	**50K**	**120K**	**Wild/Forest Fire**
	31	**0000MST**							
Butte County									
Central Portion	**26**	**1400MST**			**0**	**0**			**Wild/Forest Fire**
	31	**0000MST**							
Power County									
Central Portion	**26**	**1400MST**			**0**	**0**			**Wild/Forest Fire**
	31	**0000MST**							
Eastern Idaho had escaped large wild fires until lightning from a dry thunderstorm outbreak sparked over 40 fires on 07/26. Most of the fires were quickly suppressed , but 9 became much longer lived with 3 of these fires continuing to burn into August. As of the end of July these fires have burned 192,200 acres with costs estimated at $1,455,000. No structures or homes were lost, although a score of homes were threatened in the vicinity of Pocatello and Lava Hot Springs which forced some evacuations. Some crop fields were burned and farm equipment lost, including several harvesters and a pickup truck. Generally the fires consumed sagebrush and juniper with some mixed conifers. The fires were combined administratively by the East Idaho Fire Center into one system know as the Eastern Idaho Complex. The principle fires were: Flat Top located 14 miles west of Aberdeen which had burned 109 square miles before containment. Coffee Point 6 miles northwest of Springfield which had burned 102 square miles before containment. Tin Cup and INEEL fires had merged to burn 76 square miles before containment. These fires had forced the evacuation 450 employees of the Idaho National Engineering and Environment Laboratory for a day. Moonshine, Fisher Springs and Rattlesnake in the Arbon valley in Power county had burned 48 square miles with the Moonshine fire still unconstrained. The West Fork fire near Lava Hot Springs remained uncontained after burning 850 acres. However, it was no longer threatening homes. The Supon fire 20 miles east of Blackfoot has burned 6 square miles and remained uncontained.									
IDAHO, Southwest									
Canyon County									
Countywide	**18**	**1735MST**			**0**	**0**			**Thunderstorm Wind (G60)**
		1835MST							
Ada County									
3 SW Kuna	**18**	**1757MST**	**0.1**	**15**	**0**	**0**			**Tornado (F0)**
		1800MST							
Monsoonal moisture moving into Southeast Oregon and Southwest Idaho, coupled with a weak area of low pressure, initiated afternoon covection in Southeast Oregon. As the line of thunderstorms moved into Southwest Idaho, a thunderstorm outflow boundary collided with another strong cell in southern Ada county, generating a short-lived tornado. Three storm spotters independently witnessed the evolution and touchdown of the tornado, which was also confirmed by a follow-up storm survey. The tornado touched down on an unpopulated, barren butte and no injuries or damages were sustained. Prior to the tornado, high winds ripped through Canyon county with gusts to 60 mph. An old growth tree was snapped and several power lines were felled.									
ILLINOIS, Central									
Effingham County									
Countywide	**04**	**2330CST**			**0**	**0**		**0**	**Flash Flood**
	05	**1100CST**							

Storm Data and Unusual Weather Phenomena

July 2000

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

ILLINOIS, Central

Thunderstorms trained over the area during the evening hours of the 4th and into the morning of the 5th. Radar estimates and surface reports indicated 5 to 6 inches of rain had fallen across most of the county, mainly between Midnight and 8 AM. Numerous roads were reported closed by flood waters, including IL Routes 33, 40 and 45 in and around Effingham, with water reported as deep as 2 feet in some locations. A two mile stretch of US 40, west of Effingham, will remain closed indefinitely due to a 6 foot by 10 foot hole under the road as a result of a nearby culvert flooding. Train tracks, running along US 40 around Effingham, had to be closed briefly when flooding under a track trestle over the Salt Creek River caused a 50 foot deep by 100 foot long hole under the tracks. No injuries were reported and no damage estimates were available.

Clay County

Countywide	**05**	**0030CST** **1200CST**		**0**	**0**	**0**		**Flash Flood**

Thunderstorms trained over the area during the evening hours of the 4th into the morning hours of the 5th. Radar estimates and surface reports indicated between 5 to 6 inches of rain had fallen across most of the county. Numerous roads were reported closed by flood waters, including IL Route 45, north of Hord. No injuries were reported and no damage estimates were available.

Jasper County

Countywide	**05**	**0655CST** **1200CST**		**0**	**0**	**0**		**Flash Flood**

Thunderstorms occurred during the evening hours of the 4th across the county. Some minor flooding was reported in a few locations. As the rain persisted into the morning hours of the 5th, more significant thunderstorms dropped heavy rainfall on the already saturated ground. Radar estimates and surface reports indicated that 3 to 5 inches of rain fell mainly during the morning. Several roads across the county were flooded. Three homes in Newton had to be evacuated and a vehicle was swept into a nearby creek that went over its banks. In the town of Wheeler, four mobile homes and one house had to be evacuated as well. No injuries were reported and no damage estimates were available.

Richland County

Countywide	**05**	**0730CST** **1200CST**		**0**	**0**	**0**		**Flash Flood**

Thunderstorms occurred during the evening hours of the 4th across the county. Some minor flooding was reported in a few locations. As the rain persisted into the morning hours of the 5th, more significant thunderstorms dropped heavy rainfall on the already saturated ground. Radar estimates and surface reports indicated that 3 to 5 inches of rain fell mainly during the morning. Several roads across the county were flooded. A road north of Noble collapsed, causing a vehicle to get stuck in the area. No injuries were reported and no damage estimates were available.

Shelby County

Countywide	**05**	**0747CST** **1200CST**		**0**	**0**	**0**		**Flash Flood**

Thunderstorms trained over the area during the evening hours of the 4th into the morning of the 5th. The heaviest rainfall occurred during the morning when radar estimates and surface reports indicated 3 to 5 inches of rain had fallen across the county. Numerous county roads were reported underwater in and around Stewardson, as were low lying areas around the Little Wabash river basin. No injuries were reported and no damage estimates were available.

Schuyler County

Rushville	**05**	**1500CST**		**0**	**0**	**0**		**Thunderstorm Wind**

Thunderstorm winds blew down several large trees and power lines in Rushville.

Scott County

Winchester	**05**	**1530CST**		**0**	**0**	**0**		**Thunderstorm Wind**

Several trees were blown down in Winchester. One tree fell onto IL Route 106 east of town and another one fell onto Main street in downtown Winchester, briefly blocking it. No injuries were reported.

Cass County

2.5 S Philadelphia	**05**	**1542CST**		**0**	**0**	**0**		**Thunderstorm Wind**

A one and a half foot diameter tree was blown over onto a van and blocked a county road. No injuries were reported.

Morgan County

Jacksonville to Waverly	**05**	**1545CST** **1600CST**		**0**	**0**	**0**		**Thunderstorm Wind**

Several trees were blown down in Jacksonville. Also, several power lines were blown down in Jacksonville and Waverly.

Sangamon County

Auburn	**05**	**1615CST**		**0**	**0**	**0**		**Thunderstorm Wind**

Several power lines were blown down in Auburn.

Christian County

Stonington	**05**	**1705CST**		**0**	**0**	**0**		**Thunderstorm Wind**

Several large tree limbs were blown down, some of which knocked down a couple of power lines in Stonington.

Effingham County

Altamont	**05**	**1746CST**		**0**	**0**	**0**		**Thunderstorm Wind**

Several power lines were blown down in Altamont.

Clay County

Louisville	**05**	**1811CST**		**0**	**0**	**0**		**Thunderstorm Wind**

Thunderstorm winds uprooted a large tree in Louisville.

Storm Data and Unusual Weather Phenomena

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

ILLINOIS, Central

Fulton County

Countywide **10** **2300CST** **0** **0** **0** **Flash Flood**
11 **0300CST**

An area of thunderstorms moved through the southeastern part of the county during the early morning hours of the 11th. Recently saturated ground allowed for the rainfall, totaling over 3 inches in some areas, to cause flash flooding. IL Route 24 was reported flooded in some locations as a result of the heavy rainfall. No injuries were reported and no damage estimates were available.

Douglas County

Tuscola **11** **0000CST** **0** **0** **0** **Flash Flood**
0400CST

An area of thunderstorms moved through the county during the early morning hours of the 11th. Recently saturated ground allowed for the rainfall, totaling over 2 inches in some areas, to cause flash flooding mainly in the Tuscola area. County roads were reported underwater for several hours. No injuries were reported and no damage estimates were available.

Edgar County

Paris **11** **0000CST** **0** **0** **0** **Flash Flood**
0400CST

An area of thunderstorms moved through the county during the early morning hours of the 11th. Recently saturated ground allowed for the rainfall, totaling over 2 inches in some areas, to cause flash flooding mainly in the Paris area. County roads were reported underwater for several hours. A police vehicle was reported flooded out in the area. No injuries were reported and no damage estimates were available.

Schuyler County

Countywide **11** **0100CST** **0** **0** **0** **Flash Flood**
0430CST

An area of thunderstorms moved through the county during the early morning hours of the 11th. Recently saturated ground allowed for the rainfall, totaling over 2 inches in some areas, to cause flash flooding. Several county roads were reported underwater. No injuries were reported and no damage estimates were available.

Clark County

Countywide **11** **0130CST** **0** **0** **0** **Flash Flood**
0800CST

An area of thunderstorms moved through the county during the early morning hours of the 11th. Recently saturated ground allowed for the rainfall, totaling over 2 inches in some areas, to cause flash flooding in Clark County. IL Routes 40 and 1 were reported underwater in spots, as well as other county roads, with Marshall and Martinsville being the hardest hit. A vehicle was reported stuck in high water in the area, but no specific location was provided. No injuries were reported and no damage estimates were available.

Crawford County

Countywide **11** **0400CST** **0** **0** **0** **Flash Flood**
0800CST

An area of thunderstorms moved through the county during the early morning hours of the 11th. Recently saturated ground allowed for the rainfall, totaling over 2 inches in some areas, to cause flash flooding mainly in the Robinson area. County roads were reported underwater for several hours. No injuries were reported and no damage estimates were available.

Clark County

West Union **28** **0420CST** **0** **0** **0** **Thunderstorm Wind**

Thunderstorm winds blew down several large trees in West Union.

ILLINOIS, Northeast

Kankakee County

Bradley **02** **1535CST** **0** **0** **Hail (1.00)**

La Salle County

Mendota **06** **1500CST** **0** **0** **Funnel Cloud**

There was a newspaper account and photograph of a cold air funnel west of Mendota. Time of the event was not given. There was no damage reported.

Grundy County

Morris **10** **0100CST** **0** **0** **2K** **Lightning**

Lightning struck the roof of a house, setting fire to the roof and attic.

De Kalb County

Sandwich **10** **0400CST** **0** **0** **Flash Flood**
0900CST

Grundy County

Countywide **10** **0400CST** **0** **0** **250K** **Flash Flood**
0900CST

Kankakee County

Countywide **10** **0400CST** **0** **0** **Flash Flood**
0900CST

Kendall County

Countywide **10** **0400CST** **0** **0** **Flash Flood**

Storm Data and Unusual Weather Phenomena

July 2000

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
ILLINOIS, Northeast									
La Salle County									
East Portion	**10**	**0400CST**			**0**	**0**			**Flash Flood**
		0900CST							
Will County									
Countywide	**10**	**0400CST**			**0**	**0**			**Flash Flood**
		0900CST							

Thunderstorms brought heavy rain and strong winds to the area in the early morning hours. Another round of storms brought more heavy rain around dawn that caused flash flooding. In northeast LaSalle, southern DeKalb and western Kendall Counties flooding occurred in Lake Hoilday and in subdivisions around Sandwich. Flooding of streets, basements and yards occurred. There was a newspaper report of up to 7 inches of rain in Sandwich.

Heavy rain and flooding also occurred in Grundy, Will and Kankakee Counties. Morris had 5.61 inches, Joliet had 3.75 inches, Braidwood and Peotone had 4.7 inches and Kankakee had 4.3 inches. Morris was hardest hit with $265,000 in damage. Almost all of the property damage was due to heavy flooding in basements of homes and businesses. Nearly 15,000 electricity customers were without power for twelve hours. Flooding closed U.S. highway 6 for several hours, and two county roads in Wauponsee Township were washed out. In Will County there was flooding of creeks, streets, viaducts and basements. Illinois Route 59 was closed at the viaduct in Plainfield. Essington Road was closed in Joliet and Laraway Road was flooded south of Joliet. U.S. 45 in Frankfort was closed. In Kankakee, streets, viaducts, basements, creeks and retension ponds flooded. Flood waters ripped up 50 feet of pavement on Broadway Street. There was also street and basement flooding in St. Anne.

De Kalb County									
Cortland	**10**	**1615CST**			**0**	**0**			**Funnel Cloud**
Kane County									
Elburn to	**10**	**1615CST**			**0**	**0**			**Funnel Cloud**
2 E St Charles		**1655CST**							
Du Page County									
West Chicago	**10**	**1655CST**			**0**	**0**			**Funnel Cloud**

A funnel cloud was spotted near Courtland by a newspaper reporter. It was later spotted near Elburn, St. Charles and Batavia by Skywarn spotters and emergency management personnel. A funnel cloud was also spotted near DuPage Airport in West Chicago by a meteorologist. There was no damage.

Ogle County									
1 NNW Creston	**31**	**1440CST**	**0.5**	**50**	**0**	**0**			**Tornado (F0)**

There were several reports of funnel clouds relayed through the county sherrif. The funnels were associated with an area of developing showers and thunderstorms in a relatively cool unstable airmass. A small tornado touched down briefly at a farm and moved southeast producing a damage path about 1/2 mile long and up to 150 feet wide. It damaged the roof and doors of a barn, damaged a machine shed and damaged trees. The siding was peeled off another nearby farm house. Trees were also damaged.

ILLINOIS, Northwest									
ILZ009-015>016	**Whiteside - Rock Island - Henry**								
	01	**0000CST**			**0**	**0**			**Flood**
	06	**2330CST**							

Summary of 6/13/00 to 7/7/00 flood event:

Locally heavy rains from mid June into early July produced flooding on the Rock and Wapsipinicon Rivers. The Wapsipinicon River near DeWitt crested in mid June and again in late June, and remained above flood stage through July 6th. The Rock River at Moline crested at 12.31 feet (flood stage 12 ft) on July 6th. At Joslin, the Rock crested at 13.25 feet (flood stage 12 ft) on July 5th.

Jo Daviess County									
Galena	**02**	**1000CST**			**0**	**0**	**1K**		**Tstm Wind/Hail**

Law enforcement reported thunderstorm winds downed a tree and several power lines.

Hancock County									
Niota	**04**	**1238CST**			**0**	**0**			**Urban/Sml Stream Fld**

Law enforcement reported street flooding due to heavy rain.

Hancock County									
Countywide	**04**	**1339CST**			**0**	**0**			**Urban/Sml Stream Fld**

Law enforcement reported mud slides and street flooding in Nauvoo, and street flooding in Carthage.

Mcdonough County									
Macomb	**04**	**1418CST**			**0**	**0**			**Urban/Sml Stream Fld**

Law enforcement reported street flooding due to heavy rain.

Warren County									
Monmouth	**04**	**1455CST**			**0**	**0**			**Urban/Sml Stream Fld**

Law enforcement reported street flooding due to heavy rain.

Summary of 7/4/00 heavy rain event:

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

ILLINOIS, Northwest

Slow-moving showers and thunderstorms moved across portions of eastern Iowa and west central Illinois. Torrential rains of up to two inches resulted in street, highway, and small creek flooding. Law enforcement also reported a mud slide in Hancock county. See individual reports above for additional details.

Hancock County
5 E Carthage — **05** **1415CST** — 0 — 0 — **0.25K** — **Thunderstorm Wind**
Law enforcement reported thunderstorm winds blew down a tree, which partially blocked a county road.

Mcdonough County
Colchester — **05** **1440CST** — 0 — 0 — **0.25K** — **Thunderstorm Wind**
Law enforcement reported a large tree limb down on Route 136.

Bureau County
La Moille — **06** **1735CST** — 0 — 0 — **Funnel Cloud**
A lake breeze front off Lake Michigan interacted with a moist, unstable airmass to produce several funnel clouds over portions of north central Illinois. There were no touchdowns, and no damage reported.

Bureau County
1 SW Princeton — **10** **1700CST** — 0 — 0 — **Funnel Cloud**
1730CST
Law enforcement reported a funnel cloud southwest of Princeton.

Summary of 7/10/00 funnel cloud event:

Cold air aloft, a moist and unstable airmass at the surface, and a cold front draped across the area, combined to produce numerous funnel clouds across portions of central and eastern Iowa, into northern Illinois during the afternoon and early evening hours. There were no touchdowns, and no injuries or damage reported.

Mcdonough County
Macomb — **10** **2325CST** — 0 — 0 — **Flash Flood**
11 **2325CST**
Thunderstorms redeveloped over the area and produced torrential rains which resulted in flash flooding. Law enforcement reported standing water in some intersections in Macomb.

Hancock County
1 S Warsaw — **11** **0340CST** — 0 — 0 — **Flash Flood**
Thunderstorms produced heavy rains, which resulted in a mud slide across a county road.

Mcdonough County
Countywide — **17** **1645CST** — 0 — 0 — **Funnel Cloud**
1715CST
Law enforcement and spotters reported funnel clouds southeast of Macomb and near Industry. The funnels were associated with moderate to heavy rainshowers that developed along a weak cold front in the area.

Mcdonough County
Blandinsville — **31** **1735CST** — 0 — 0 — **Urban/Sml Stream Fld**
Law enforcement reported minor street flooding.

Hancock County
Carthage — **31** **1745CST** — 0 — 0 — **6K** — **Thunderstorm Wind**
1800CST
Thunderstorm winds snapped several tree limbs, which resulted in spotty power outages throughout the community. One tree was uprooted, another blew down over a garage, and a third tree crushed a minivan.

Hancock County
Carthage — **31** **1745CST** — 0 — 0 — **Urban/Sml Stream Fld**
1845CST
Torrential rains produced street flooding.

ILLINOIS, South

ILZ084 — **Jackson**
01 **0001CST** — 0 — 0 — **Flood**
04 **1400CST**
The Big Muddy River fell below flood stage during the first week of July. The Big Muddy crested about 13 feet above flood stage on June 22, and slowly receded below flood stage within a couple weeks.

ILZ083 — **White**
01 **0001CST** — 0 — 0 — **Flood**
02 **1800CST**
The Little Wabash River fell below flood stage at Carmi on July 2. It crested a few inches above flood stage on June 30. Minor flooding of low-lying agricultural bottomlands occurred.

Wayne County
Zenith — **05** **1902CST** — 0 — 0 — **Thunderstorm Wind (G50)**
A stop sign was bent over by thunderstorm winds.

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
ILLINOIS, South									
White County									
Carmi	**11**	**2100CST** **2115CST**			**0**	**0**	**50K**		**Thunderstorm Wind**
Thunderstorms produced strong, damaging winds across parts of White County. Numerous trees and power lines were down in Carmi. One large limb fell on a truck.									
White County									
Carmi	**11**	**2100CST** **2200CST**			**0**	**0**	**50K**		**Flash Flood**
Water was over several roads in the Carmi area, including U.S. Highway 45. The Wabash Christian Retirement Center was flooded. Water from the outside courtyards ran into the building and through the kitchen, dining room, and lobby. Griffith Lake was overflowing, running across Oak Street and causing problems for vehicles on that road. Several other locations in Carmi were flooded.									
Perry County									
Pinckneyville	**12**	**0300CST** **0400CST**			**0**	**0**			**Urban/Sml Stream Fld**
Water was reported over the road at three locations near Highway 154 and Route 13. Thunderstorms with estimated rainfall up to 4 inches were to blame.									
ILZ083	**White**								
	14 **18**	**0400CST** **2000CST**			**0**	**0**			**Flood**
The Little Wabash River crested about half a foot above flood stage at Carmi on the morning of July 16. This resulted in minor flooding of low-lying agricultural bottomland. A number of county roads were submerged.									
Franklin County									
West Frankfort to Thompsonville	**18**	**2230CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Near Thompsonville, a 40 by 80 foot pole barn was blown down, and two or three trees were down. In the West Frankfort area, several trees were knocked down near the old city lake. A power line was torn down by a falling tree in West Frankfort, causing a brief power outage.									
Saline County									
Countywide	**18**	**2335CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G52)**
Several trees were down across the county.									
ILLINOIS, Southwest									
Adams County									
Clayton	**02**	**1450CST**			**0**	**0**			**Thunderstorm Wind (G53)**
Storm spotters reported some trees down in Clayton.									
St. Clair County									
Dupo	**02**	**1455CST**			**0**	**0**			**Hail (0.88)**
St. Clair County									
Dupo	**02**	**1455CST**			**0**	**0**			**Thunderstorm Wind (G55)**
St. Clair County									
Cahokia	**02**	**1505CST**			**0**	**0**			**Thunderstorm Wind (G55)**
St. Clair County									
Sauget	**02**	**1505CST**			**0**	**0**			**Thunderstorm Wind (G55)**
St. Clair County									
Centerville	**02**	**1507CST**			**0**	**0**			**Thunderstorm Wind (G55)**
A severe thunderstorm dropped hail up to nickel size and caused wind damage across southwest St. Clair County. Trees and power lines were downed in Sauget and Dupo. In Cahokia at Parks Bi-State Airport, an aircraft hanger and a construction trailer were damaged.									
Madison County									
St Jacob	**02**	**1607CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Local police reported power lines down in St. Jacob.									
Madison County									
Glen Carbon	**02**	**1810CST**			**0**	**0**			**Lightning**
A lightning strike at a substation knocked out power to about 2,300 customers in the Glen Carbon area.									
Madison County									
Edwardsville	**02**	**1940CST**			**0**	**0**			**Hail (1.00)**
Madison County									
Edwardsville	**02**	**1945CST**			**0**	**0**			**Thunderstorm Wind (G52)**

Storm Data and Unusual Weather Phenomena

July 2000

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
ILLINOIS, Southwest									
		The City Police reported several large trees and power lines down. Storm spotters also reported 1 inch hail.							
Madison County									
Worden	**02**	**1955CST**			**0**	**0**			**Thunderstorm Wind (G53)**
		Thunderstorm winds downed some trees and also broke a light pole.							
Adams County									
Quincy	**05**	**1440CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Local law enforcement reported some trees and power lines down.							
Brown County									
Mt Sterling	**05**	**1500CST**			**0**	**0**		**10K**	**Thunderstorm Wind (G55)**
		Local law enforcement reported corn flattened by wind gusts.							
Macoupin County									
1 W Carlinville	**05**	**1625CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		The local power company reported electric lines down just west of town.							
Macoupin County									
Carlinville	**05**	**1635CST**			**0**	**0**			**Hail (1.00)**
		Storm spotters reported 1 inch hail in Carlinville.							
Macoupin County									
Gillespie	**05**	**1640CST**			**0**	**0**			**Hail (1.75)**
		Amateur radio spotters reported golfball size hail.							
Montgomery County									
Raymond	**05**	**1650CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Storm spotters reported power lines down in Raymond.							
Montgomery County									
Hillsboro	**05**	**1650CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		The local fire Department reported trees down.							
Pike County									
Pearl	**11**	**0655CST**			**0**	**0**			**Thunderstorm Wind (G55)**
		Thunderstorm wind gusts downed trees in the Pearl area. Chain line fencing around a basketball court was knocked down by the wind. Some corn in fields was also blown down.							
Greene County									
2 W Hillview	**11**	**0705CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Thunderstorm wind gusts down some trees just west of Hillview.							
Randolph County									
Coulterville	**11**	**1830CST**			**0**	**2**			**Lightning**
		Lightning struck a light pole resulting in minor injuries to 2 women standing nearby. Both women reported being stiff and sore for about 2 days and having a bad taste, "like a rusty pipe", in their mouths.							
St. Clair County									
Marissa	**11**	**1935CST**			**0**	**0**			**Thunderstorm Wind (G52)**
St. Clair County									
2 W Marissa	**11**	**1940CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		The County Sheriff reported power lines down which fell on a train in Marissa. Storm spotters reported trees down just west of town.							
Randolph County									
Baldwin	**11**	**2015CST**			**0**	**0**			**Thunderstorm Wind (G55)**
		Emergency management reported trees down blocking a road near Baldwin.							
Macoupin County									
Medora	**18**	**1750CST**	**0.1**	**40**	**0**	**0**			**Tornado (F0)**
		1751CST							
		Storm spotters reported a brief tornado in a farm field.							
Jersey County									
Elsah	**18**	**1830CST**	**0.1**	**40**	**0**	**0**			**Tornado (F0)**
		1831CST							
		Storm spotters reported a brief tornado which only damaged a few trees.							
Macoupin County									
2 SW Piasa	**18**	**1910CST**	**0.1**	**40**	**0**	**0**			**Tornado (F0)**
		1911CST							
		Storm spotters reported a brief tornado in an open field.							
Macoupin County									
Bunker Hill	**18**	**1920CST**			**0**	**0**			**Thunderstorm Wind (G51)**
		Storm spotters reported 60 mph wind gusts in the Bunker Hill area.							
St. Clair County									
Fairview Hgts	**18**	**2000CST**			**0**	**0**	**200K**		**Urban/Sml Stream Fld**
		2300CST							
		Heavy rain caused some localized flooding in Fairview Heights. A 30 by 35 foot section of roof on a department store at a shopping mall collapsed under the weight of about 3 inches of rain. About a foot of water on Route 159 stranded several motorists.							

Storm Data and Unusual Weather Phenomena

July 2000

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
ILLINOIS, Southwest									
Bond County									
Old Ripley	**18**	**2010CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Bond County									
2 E Old Ripley	**18**	**2012CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Thunderstorms winds downed some trees damaging a couple of vehicles in Old Ripley. The chimney of a church was blown off and a downed tree blocked Route 140 at the Pocahontas Road intersection.									
Bond County									
Greenville	**18**	**2020CST**			**0**	**0**			**Thunderstorm Wind (G52)**
The County Sheriff reported trees and power lines down on the west and south side of town.									
Bond County									
2 N Dudleyville	**18**	**2025CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Thunderstorms winds downed power lines on the Airport Road between Dudleyville and Route 127.									
Macoupin County									
South Portion	**28**	**0430CST**			**0**	**0**			**Flash Flood**
		0900CST							
Average rainfall of 4 to 5 inches fell across the south half of Macoupin County during the early morning hours. Reports around Staunton indicated up to 9 inches of rain may have fallen. Residents of the Staunton area said it was the worst flooding they could remember. At one point, there was no way to get in or out of town as all roads were flooded. Numerous basements were flooded with up to 4 feet of water. One street collapsed leaving a hole 6 feet long, 5 feet wide and 4 feet deep. Other roads across the county were closed including Old Route 66 and Route 4 near Carlinville. The next day a farm combine fell into a 40 foot wide and 20 foot deep sink hole which formed in a field near Mt. Olive.									
INDIANA, Central									
Madison County									
Anderson	**03**	**1330EST**			**0**	**0**			**Urban/Sml Stream Fld**
		1500EST							
Heavy rain caused street flooding with water up to the top of cars tires in spots.									
Owen County									
Quincy	**04**	**1900EST**			**0**	**0**	**100K**		**Lightning**
A house was burned to the ground after getting struck by lightning.									
Greene County									
Bloomfield	**11**	**0300EST**			**0**	**0**	**10K**		**Thunderstorm Wind (G50)**
		0302EST							
Numerous trees down including one that fell on a car.									
Vigo County									
Terre Haute	**11**	**0330EST**			**0**	**0**			**Flash Flood**
		0500EST							
Around 3 inches of rain caused flooding across many streets. Numerous roads were closed.									
Decatur County									
Greensburg	**11**	**0415EST**			**0**	**0**	**100K**		**Lightning**
Lightning damaged a business in Greensburg.									
INZ060	**Sullivan**								
	11	**1645EST**			**0**	**0**			**Flood**
	12	**0700EST**							
2 to 4 inches of rain fell across parts of west central Indiana late on July 10 and into July 11 causing minor flooding along the Wabash River at Riverton. The river crested at 15.35 feet (flood stage is 15 feet) on the afternoon of the 11th.									
INDIANA, Northeast									
De Kalb County									
Corunna	**09**	**1938EST**	**0.1**	**30**	**0**	**0**	**50K**		**Tornado (F1)**
This tornado was the first of two weak tornadoes that formed from the same storm. The first touchdown occurred at SR327 and CR16 in the western part of the county. A mobile home was blown off its foundation and completely destroyed. A garage/shed to the northwest of this home sustained damaged to the roof and the garage door was ripped off and left inside the garage.									
De Kalb County									
Sedan	**09**	**1945EST**	**0.1**	**50**	**0**	**0**	**5K**		**Tornado (F0)**
This second tornado touched down just west of Sedan on US HWY6. Damage at this location consisted of large tree branches being torn off trees and a few small trees being blown over. A garage made of concrete blocks was shifted off its foundation to the southwest a couple of inches. The roof was also peeled off of a small house at CR19 and US6.									
Pulaski County									
Medaryville	**09**	**2100EST**			**0**	**0**	**0**		**Thunderstorm Wind**
Numerous trees down. Minor home damage.									
Pulaski County									
Pulaski	**09**	**2230EST**			**0**	**0**	**0**		**Thunderstorm Wind**
Trees down. Row of pine trees broken off.									

Storm Data and Unusual Weather Phenomena

July 2000

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									
INZ022	**Cass**								
	09	**2300EST**			**0**	**0**	**0**		**Flood**
Minor flooding. Water covering roads CR300N and HWY17.									
La Porte County									
Kingsbury	**14**	**0435EST**			**0**	**0**	**0**		**Thunderstorm Wind**
Trees down.									
Steuben County									
Crooked Lake	**28**	**1435EST**			**0**	**0**			**Hail (1.75)**
Noble County									
Kendallville	**28**	**1500EST**			**0**	**0**	**0**		**Thunderstorm Wind**
Tree limbs down.									
Noble County									
2 E Avilla	**28**	**1507EST**			**0**	**0**			**Hail (1.25)**
Elkhart County									
Middlebury	**28**	**1510EST**			**0**	**0**	**0**		**Thunderstorm Wind**
Power lines downed.									
De Kalb County									
Auburn	**28**	**1535EST**			**0**	**0**	**0**		**Thunderstorm Wind**
Trees down.									
INDIANA, Northwest									
Benton County									
Fowler to 3 S Fowler	**02**	**1738EST**			**0**	**0**			**Thunderstorm Wind (G50)** [M]
Tree limbs and power lines were blown down in Fowler. Pea size hail was also reported. A satellite dish was blown over and twisted south of Fowler.									
INDIANA, South Central									
Dubois County									
Jasper	**28**	**0700EST**			**0**	**0**	**10K**		**Lightning**
A lightning strike started a fire that damaged a home.									
Scott County									
Lexington	**28**	**1700EST**			**0**	**0**			**Thunderstorm Wind (G70)**
Basketball goals were blown down by thunderstorm winds.									
Jefferson County									
Madison	**28**	**1710EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees were downed.									
INDIANA, Southeast									
Union County									
6 S Liberty	**04**	**2030EST**			**0**	**0**	**25K**		**Flood**
		2300EST							
Heavy rainfall caused flooding, which washed a road out.									
Fayette County									
Harrisburg	**04**	**2115EST**			**0**	**0**	**5K**		**Flood**
		2330EST							
Heavy rainfall caused roads to be flooded.									
Ripley County									
1 E Holton	**05**	**1914EST**			**0**	**0**	**10K**		**Flood**
		2000EST							
A narrow band of heavy rainfall caused flooded roads.									
Ripley County									
Osgood to Delaware	**31**	**1600EST**			**0**	**0**	**50K**		**Flood**
		1715EST							
Heavy rainfall caused flooding which washed out several roads between Osgood and Delaware.									
INDIANA, Southwest									
Posey County									
Countywide	**11**	**2130CST**			**0**	**0**	**30K**		**Thunderstorm Wind**
		2135CST							
Numerous trees were blown down, including some on houses. The storms that produced this damage moved southeast from White County, Illinois.									
Warrick County									
Boonville	**30**	**1230CST**			**0**	**0**			**Urban/Sml Stream Fld**
		1330CST							

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
INDIANA, Southwest									
Minor street flooding occurred in the city of Boonville. About 2 inches of water was on 4th Street, with water also noted on Highway 61 north and Highway 62. The flooding was the result of thunderstorms producing an estimated one to 1.5 inches of rain.									
IOWA, Central									
Emmet County									
Estherville	**02**	**0450CST**			**0**	**0**	**1K**	**5K**	**Hail (0.88)**
Emmet County									
1 W Estherville	**02**	**0457CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G52)**
Palo Alto County									
Graettinger	**02**	**0507CST**			**0**	**0**	**1K**	**5K**	**Hail (0.88)**
Very unstable air advected into Iowa on an increasing southerly flow of air. Lifted Indices reached -7 by the early morning hours as dew point temperatures at the 850 mb level rose into the teens. A large area of thunderstorms developed to the north of Iowa during the evening hours. For the most part, the storms remained to the north of Iowa. During the predawn hours, the outflow boundary from the convection to the north moved south into Iowa. Thunderstorms developed along the boundary. A few of them became severe and produced hail to nearly an inch in diameter and winds around 60 MPH as they moved into Emmet and Palo Alto Counties. The greatest damage was due to the hail. Crop damage was reported in the area, especially in Emmet County.									
Kossuth County									
Whittemore	**02**	**1359CST**			**0**	**0**	**1K**	**5K**	**Hail (1.00)**
Kossuth County									
5 SW Algona	**02**	**1415CST**			**0**	**0**	**1K**	**10K**	**Hail (1.00)**
Cerro Gordo County									
Clear Lake	**02**	**1523CST**			**0**	**0**	**1K**	**10K**	**Hail (1.00)**
Cerro Gordo County									
1 S Mason City Arpt	**02**	**1525CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G52)**
Pocahontas County									
3 E Pocahontas	**02**	**1528CST**			**0**	**0**		**5K**	**Hail (0.75)**
Pocahontas County									
Pocahontas	**02**	**1530CST**			**0**	**0**	**2K**	**5K**	**Hail (1.00)**
Pocahontas County									
Pocahontas	**02**	**1530CST**			**0**	**0**	**20K**	**2K**	**Thunderstorm Wind (G61)**
Calhoun County									
5 S Manson	**02**	**1600CST**			**0**	**0**	**20K**	**3K**	**Thunderstorm Wind (G65)**
Pocahontas County									
Palmer	**02**	**1600CST**			**0**	**0**	**15K**	**3K**	**Thunderstorm Wind (G65)**
Bremer County									
Denver	**02**	**1610CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G50)**
Webster County									
Ft Dodge	**02**	**1630CST**			**0**	**0**	**3K**		**Thunderstorm Wind (G52)**
Greene County									
Jefferson	**02**	**1745CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G52)**
Dallas County									
Perry	**02**	**1802CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G52)**
Dallas County									
Adel	**02**	**1807CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G52)**
Guthrie County									
Yale	**02**	**1810CST**			**0**	**0**	**4K**		**Thunderstorm Wind (G54)**
Dallas County									
De Soto	**02**	**1825CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G52)**
Taylor County									
Bedford	**02**	**1900CST**			**0**	**0**	**2K**		**Lightning**
A very moist and unstable airmass was in place over Iowa. Lifted indices were near -10 C. with CAPE values in the 4000 to 5000 J/kg range over the state. Surface dew point temperatures soared into the mid 70s as afternoon maximum temperatures were around 90 degrees F. During the afternoon, an east to west cold front began to sag south across the state. Thunderstorms erupted along the boundary and became severe quite quickly. The freezing level was around 16,000 feet, so hail was not a major problem with the storms. A few reports of three-quarter to one inch diameter hail were received from the initial development of the storms. The hail did do a fair amount of crop damage. During the mid to late afternoon hours the thunderstorms began to bow out to the southeast. As the storms bowed, high winds resulted. The winds caused damage to trees for the most part with winds in the 60 to 70 MPH range. A garage was flattened by the high winds in Pocahontas County in the town of Palmer. As the thunderstorms rolled south into southern Iowa, lightning caused damage in Taylor County. A tree was struck outside of a home in Bedford. The tree was destroyed, a few windows were blown out, and sparks flew from the ceiling. One computer was damaged and a few items were knocked from shelves.									
Boone County									
.7 SE Madrid	**04**	**1015CST**			**0**	**0**	**9K**		**Lightning**

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
IOWA, Central									
		Thunderstorms moved across Boone County during the morning of the 4th. Though no severe weather was reported, lightning struck a barn southeast of Madrid. The barn was set on fire and was a total loss. Damage was estimated at $8,000 to $10,000.							
Carroll County									
Halbur	**05**	**0850CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
Guthrie County									
10 S Bagley	**05**	**0920CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G56)**
Dallas County									
Linden	**05**	**0933CST**			**0**	**0**	**10K**	**1K**	**Thunderstorm Wind (G61)**
Guthrie County									
1 S Guthrie Center	**05**	**0933CST**			**0**	**0**	**3K**		**Thunderstorm Wind (G56)**
Guthrie County									
Panora	**05**	**0933CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G56)**
Madison County									
Winterset	**05**	**0933CST**			**0**	**0**	**20K**	**2K**	**Thunderstorm Wind (G61)**
Dallas County									
Adel	**05**	**0935CST**			**0**	**0**	**15K**	**2K**	**Thunderstorm Wind (G61)**
Dallas County									
Redfield	**05**	**0945CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G56)**
Dallas County									
Adel	**05**	**0950CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G50)**
Madison County									
Winterset	**05**	**0955CST**			**0**	**0**	**10K**	**1K**	**Thunderstorm Wind (G56)**
Dallas County									
Van Meter	**05**	**1001CST** **1005CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G52)**
Dallas County									
De Soto	**05**	**1005CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G56)**
Dallas County									
Waukee	**05**	**1009CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G52)**
Dallas County									
Booneville	**05**	**1010CST**			**0**	**0**	**20K**	**2K**	**Thunderstorm Wind (G61)**
Dallas County									
1 S Waukee	**05**	**1010CST**			**0**	**0**	**3K**		**Thunderstorm Wind (G61)**
Dallas County									
Waukee	**05**	**1010CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G52)**
Warren County									
1 E Cumming	**05**	**1010CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G52)**
Warren County									
Martensdale	**05**	**1018CST**			**0**	**0**	**3K**		**Thunderstorm Wind (G52)**
Polk County									
Windsor Hgts	**05**	**1020CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G61)**
Polk County									
West Des Moines	**05**	**1035CST**			**0**	**0**	**25K**		**Thunderstorm Wind (G70)**
Warren County									
2 N Norwalk	**05**	**1040CST**			**0**	**0**	**3K**		**Thunderstorm Wind (G56)**
Polk County									
Des Moines Arpt	**05**	**1041CST**			**0**	**0**	**3K**		**Thunderstorm Wind (G53)** [M]
Marion County									
5 W Dallas	**05**	**1100CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G52)**
Dallas County									
1 N De Soto	**05**	**1110CST**			**0**	**0**	**100K**	**10K**	**Thunderstorm Wind (G74)**
Marion County									
2 W Knoxville	**05**	**1130CST**			**0**	**0**	**5K**	**1K**	**Thunderstorm Wind (G61)**
Monroe County									
6 W Albia	**05**	**1140CST**			**0**	**0**	**5K**	**1K**	**Thunderstorm Wind (G56)**
Union County									
1 E Kent to 2 NE Kent	**05**	**1225CST**			**0**	**0**	**2K**	**100K**	**Hail (1.00)**
Adams County									
East Portion	**05**	**1315CST** **1600CST**			**0**	**0**	**50K**	**25K**	**Flash Flood**

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
IOWA, Central									
Union County									
West Portion	**05**	**1315CST**			**0**	**0**	**50K**	**25K**	**Flash Flood**
		1600CST							

A very unstable airmass was over Iowa during the morning hours of the 5th. CAPE values were well over 4000 J/kg at sunrise with lifted indices near -10 C. Thunderstorms erupted in two clusters around 1200 UTC. The first cluster went up over north central Nebraska, the second over northwest and west central Iowa. The cluster over Iowa produced VIL levels of 80 kg/m/m over west central Iowa. Even with the VIL values so high, only pea size hail occurred with the cell. As the morning progressed, the cluster in western Iowa advanced east and a mesoscale convective vorticity center formed within the cluster. By mid to late morning, the cluster took on a small bow echo shape in its southwest quadrant. The bow echo turned southeast and caused wind damage in an area extending from Guthrie County...southeast into Monroe County. Winds of 60 to 70 MPH were common. Winds estimated around 85 MPH tore through Dallas County north of De Soto. Two airplane hangers were destroyed and several ultra light aircraft were damaged. Damage in the area was estimated at around $100,000. The same storm system struck the west side of the Des Moines metropolitan area. High winds caused considerable tree and power line damage. At one point, power was knocked out to about 25,000 homes. A major transmission line was taken down in West Des Moines as the winds toppled three power poles. One housing development lost between 50 and 60 trees as the winds blew through. Des Moines was certainly no exception. Tree and power line damage was very widespread in a broad band from west central into southeast Iowa. As the afternoon progressed, the cluster of thunderstorms that was in north central Nebraska advanced into western Iowa. The two merged as rapid development occurred along the outflow from the first cluster was overtaken by the second. Thunderstorms became severe over southwest Iowa with one inch diameter hail damaging crops in Union County. The storms were persistent with very heavy rainfall the result. Flash flooding occurred in parts of Union and Adams Counties as 3 to 5 inches of rain fell. Several roads were under water for a short time, however the water receded quickly. Southwest Iowa was not the only place to experience flooding. Considerable urban and small stream flooding took place in the Des Moines metropolitan area as well. Walnut Creek, on the west side of Des Moines, rose 7 feet in just one hour. It crested just below flood stage. Numerous city streets were covered in water, at times up to 4 feet in depth.

Emmet County									
Countywide	**09**	**2144CST**			**0**	**0**	**50K**	**75K**	**Flash Flood**
	10	**0345CST**							
Palo Alto County									
1 S Ruthven	**09**	**2210CST**			**0**	**0**	**50K**	**10K**	**Thunderstorm Wind (G65)**
Kossuth County									
1 N Bancroft	**09**	**2230CST**			**0**	**0**	**1K**		**Lightning**
Palo Alto County									
Countywide	**09**	**2230CST**			**0**	**0**	**50K**	**75K**	**Flash Flood**
	10	**0345CST**							
Humboldt County									
North Portion	**09**	**2300CST**			**0**	**0**	**100K**	**100K**	**Flash Flood**
	10	**0700CST**							
Kossuth County									
South Portion	**09**	**2300CST**			**0**	**0**	**500K**	**300K**	**Flash Flood**
	10	**0700CST**							
Cerro Gordo County									
Mason City Arpt	**09**	**2302CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G52) M**
Cerro Gordo County									
1 NE Rock Falls	**09**	**2314CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G52)**
Cerro Gordo County									
Countywide	**09**	**2330CST**			**0**	**0**	**100K**	**75K**	**Flash Flood**
	10	**0230CST**							
Worth County									
Countywide	**09**	**2330CST**			**0**	**0**	**50K**	**75K**	**Flash Flood**
	10	**0230CST**							
Butler County									
4 W Shell Rock	**09**	**2355CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G52)**
Hardin County									
Radcliffe	**09**	**2355CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G52)**
Bremer County									
Sumner	**10**	**0000CST**			**0**	**0**	**3K**		**Thunderstorm Wind (G50)**
Hardin County									
Countywide	**10**	**0000CST**			**0**	**0**	**75K**	**100K**	**Flash Flood**
		0430CST							
Wright County									
Dows	**10**	**0015CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G52)**
Black Hawk County									
Countywide	**10**	**0030CST**			**0**	**0**	**250K**	**250K**	**Flash Flood**
		1100CST							

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
IOWA, Central									
Bremer County									
Countywide	**10**	**0030CST** **0430CST**			**0**	**0**	**50K**	**75K**	**Flash Flood**
Butler County									
Countywide	**10**	**0030CST** **0430CST**			**0**	**0**	**50K**	**75K**	**Flash Flood**
Franklin County									
Countywide	**10**	**0030CST** **0430CST**			**0**	**0**	**50K**	**75K**	**Flash Flood**
Grundy County									
Countywide	**10**	**0030CST** **1100CST**			**0**	**1**	**200K**	**250K**	**Flash Flood**
Wright County									
Countywide	**10**	**0030CST** **0430CST**			**0**	**0**	**75K**	**100K**	**Flash Flood**
Black Hawk County									
Washburn	**10**	**0043CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G50)**
Cerro Gordo County									
Meservey	**10**	**0045CST**			**0**	**0**	**8K**		**Lightning**
Black Hawk County									
2 NW La Porte City	**10**	**0055CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G52)**
Jasper County									
Sully	**10**	**0500CST**			**0**	**0**	**1K**		**Lightning**
Tama County									
Countywide	**10**	**0500CST** **1200CST**			**0**	**0**	**100K**	**150K**	**Flash Flood**

A nearly stationary frontal boundary was located to the north of Iowa during the day on the 9th. Very rich air was pumped north into the state with surface dew point temperatures reaching the mid 70s to low 80s by the late afternoon and evening hours. The front began to sag south during the evening. Thunderstorms erupted along the front with a training effect setting up over the northern part of the state. Severe weather was limited with the storms and occurred mainly during the early life of the developing mesoscale convective system. There were several reports of winds around 60 MPH over northern Iowa during the evening hours as the storms moved in initially. In Palo Alto County, winds around 75 MPH caused considerable damage on a farm south of Ruthven. Part of the roof of the house was torn off, a cattle shed was severely damaged, and many trees were lost or damaged. The main event with these storms was the very heavy rain. Rainfall of five to eight inches was common in a broad swath from Emmet County, southeast to Tama County. Some of the heaviest rainfall occurred in southern Kossuth County, where as much as 10 inches of rain was measured. About 40 homes in the town of LuVerne were damaged by the wind driven rain with numerous basements flooded. Nearly all of the county blacktop roads were under water at one point. There were numerous reports of debris being swept onto roads. For example, in Black Hawk County water was reported 2 to 3 feet deep on major streets in the town of Cedar Falls. Numerous roads were reported in a multi-county area. One injury occurred during the event in Grundy County. Highway 175 was closed near Reinbeck as water swept a truck off the highway. One man was injured and taken to the hospital. In addition to flooded roads, numerous basements were flooded. In Kossuth County for example, many houses were reporting anywhere from two to six feet of water in the basements. Crop damage occurred as farm fields were flooded by the heavy rainfall. This seemed ironic considering much of Iowa was in the grips of the worst drought since the 80s as recently as three weeks prior to this event. As the thunderstorms moved through Kossuth County, lightning struck a house north of Bancroft. The lightning knocked out the electricity to the house and causing some minor appliance damage. Another house was struck in Cerro Gordo County at Meservey. The lightning started a small fire near the rafters. Some smoke damage occurred, along with considerable water damage. In another lightning strike, lightning struck a tree near a house in Sully of Jasper County. The lightning traveled through one of the roots of the tree and blew a whole in the driveway and curled up the metal trim on the garage. All of the brooms and tools within the garage were knocked onto the floor.

IAZ025>028-036>039-048>049	**Wright - Franklin - Butler - Bremer - Hamilton - Hardin - Grundy - Black Hawk - Story - Marshall**								
	10 **15**	**0600CST** **1200CST**			**0**	**0**	**500K**	**250K**	**Flood**

A major flash flood event began during the evening hours of July 9, as a large mesoscale convective system developed over northern Iowa and moved slowly southeast. The event was well anticipated by the NWS, as a Flood Potential Statement for the Cedar River Basin and Flash Flood Watch were issued around noon on the 9th. The watch covered the northern one half of Iowa. Ingredients in place over this area included a very moist and unstable airmass, a nearly stationary frontal boundary, a strong low-level jet, and a series of short-waves moving into the upper ridge in place over the region. Storms developed explosively during the late evening hours of the 9th, with Flash Flood Warnings issued in rapid succession for Emmet, Palo Alta, Kossuth, and Humboldt Counties. Rainfall rates of 1 to 3 inches were observed with many of these storms, and numerous reports of flooding received by the NWS. During the early morning hours of the 10th additional Flash Flood Warnings were issued for Cerro Gordo, Worth, Wright, and finally a blanket Flash Flood Warning for Grundy, Hardin, Butler, Franklin, Black Hawk, and Bremer Counties. by daylight on the 10th, the most serious flooding appeared to be over extreme southern Kossuth and northern Humboldt Counties. Numerous roads were closed or washed out in this area. The towns of LuVerne and Livermore were especially hard hit. Rain gage reports were sparse, although an unofficial report of 6 inches in LuVerne, in extreme southern Kossuth County, was reported. Doppler radar estimated that 6 to 8

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

IOWA, Central

inches and possibly an isolated 10 inch amount fell over this area. Heavy rains also fell early on the 10th over parts of Tama County, with numerous roads closed and estimates of 5 to 6 inches of rain. As the Flash Flood Warnings expired, Countywide Flood Warnings were issued for northern Humboldt, southern Kossuth, northern Tama, Grundy, and Black Hawk Counties. Surprisingly, there was only minor river flooding from all this precipitation. The rains in the upper Des Moines basin fell over an area that had been in drought much of the spring and early summer. The East Fork Des Moines River at Algona rose very close to flood stage in response to the heavy rains on the 9th and 10th, but the most extreme rains fell south of this location. There was some minor river flooding along the Cedar River, mainly at Janesville and Waterloo on the 13th and 14th, and also along the Beaver Creek at New Hartford.

Mahaska County									
Oskaloosa	**10**	**1345CST**			**0**	**0**	**5K**		**Lightning**

A thunderstorm moved across Mahaska County during the afternoon. As it passed over the town of Oskaloosa, lightning struck a house there. It put a hole in the roof and started a small fire. Damage was estimated at around $5,000.

Carroll County									
Carroll	**15**	**0800CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G56)**
Guthrie County									
4 N Adair	**15**	**0825CST**			**0**	**0**	**3K**	**1K**	**Thunderstorm Wind (G56)**
Greene County									
10 SSW Jefferson	**15**	**0830CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G52)**
Adair County									
10 ENE Greenfield	**15**	**0915CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G52)**

A mesoscale convective system developed during the night over North Dakota and tracked southeast. The system moved south-southeast along the baroclinic zone ahead of a warm front to the west of Iowa. All of the convection was very elevated in nature with cloud bases around 10,000 feet. As the storms moved southward across Iowa they produced gusty winds. Winds of 60 to 65 MPH ripped through Carroll, Guthrie, Adair, and Greene Counties. Damage was only spotty however. Most of the damage was limited to downed trees and scattered power lines.

Hardin County									
2 N Hubbard	**16**	**0815CST**			**0**	**0**	**75K**		**Lightning**

An area of thunderstorms moved southeast across the state during the morning hours. These storm were the remnants of a mesoscale convective system that developed over North Dakota, northeast South Dakota, and southwest Minnesota during the previous night. As the storms moved over Hardin County, lightning struck a TV antenna on a house north of Hubbard. The house was set on fire and burned down to a shell. It was a total loss.

Pocahontas County									
5 NW Pocahontas	**25**	**2255CST**			**0**	**0**	**1K**	**10K**	**Hail (0.88)**
Pocahontas County									
5 NW Pocahontas	**25**	**2255CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G52)**
Pocahontas County									
Palmer	**25**	**2305CST**			**0**	**0**		**5K**	**Hail (0.75)**
Pocahontas County									
Fonda	**25**	**2315CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G50)**
Humboldt County									
10 NE Humboldt	**25**	**2330CST**			**0**	**0**		**5K**	**Hail (0.75)**
Webster County									
Badger	**25**	**2330CST**			**0**	**0**		**5K**	**Hail (0.75)**
Webster County									
Badger	**25**	**2330CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G52)**
Sac County									
Early	**25**	**2345CST**			**0**	**0**	**10K**	**10K**	**Hail (1.75)**
Sac County									
Sac City	**26**	**0008CST**			**0**	**0**	**5K**	**5K**	**Hail (1.00)**
Palo Alto County									
Ayrshire	**26**	**0205CST**			**0**	**0**	**2K**	**5K**	**Hail (1.00)**
Palo Alto County									
3 N Mallard	**26**	**0235CST**			**0**	**0**	**5K**	**10K**	**Hail (1.75)**
Marshall County									
Melbourne	**26**	**0540CST**			**0**	**0**	**2K**	**10K**	**Hail (0.75)**
		0545CST							
Story County									
Ames	**26**	**0740CST**			**0**	**0**	**250K**	**25K**	**Hail (4.00)**
Story County									
Ames	**26**	**0745CST**			**0**	**0**		**1K**	**Hail (0.75)**
Story County									
Ames	**26**	**0745CST**			**0**	**0**	**5K**	**10K**	**Hail (1.00)**

Storm Data and Unusual Weather Phenomena

July 2000

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
IOWA, Central									
Story County									
Ames	**26**	**0750CST**			**0**	**0**	**2K**	**2K**	**Hail (0.88)**
Story County									
Ames	**26**	**0750CST**			**0**	**0**		**1K**	**Hail (0.75)**
Story County									
Huxley	**26**	**0818CST**			**0**	**0**	**5K**	**10K**	**Hail (1.00)**
Marshall County									
Marshalltown	**26**	**0820CST**			**0**	**0**	**25K**	**10K**	**Hail (1.75)**
Marshall County									
Green Mtn	**26**	**0830CST**			**0**	**0**	**10K**	**10K**	**Hail (1.75)**
Marshall County									
Marshalltown	**26**	**0830CST**			**0**	**0**	**10K**	**5K**	**Hail (1.25)**
Story County									
Ames	**26**	**0830CST**			**0**	**0**	**1K**	**2K**	**Hail (0.88)**
Story County									
Collins	**26**	**0850CST**			**0**	**0**		**5K**	**Hail (0.75)**
Story County									
Maxwell	**26**	**0900CST**			**0**	**0**	**10K**	**10K**	**Hail (1.75)**
Story County									
Maxwell	**26**	**0905CST**			**0**	**0**		**5K**	**Hail (0.75)**
Story County									
Maxwell	**26**	**0907CST**			**0**	**0**	**25K**	**10K**	**Hail (1.75)**
Jasper County									
Baxter	**26**	**0930CST**			**0**	**0**		**5K**	**Hail (0.75)**
Jasper County									
Baxter	**26**	**0935CST**			**0**	**0**	**5K**	**5K**	**Hail (1.00)**
Jasper County									
5 NE Kellogg	**26**	**0935CST**			**0**	**0**	**3K**	**10K**	**Hail (1.00)**
Jasper County									
Newton	**26**	**0942CST**			**0**	**0**		**10K**	**Hail (0.75)**
Jasper County									
Newton	**26**	**0950CST**			**0**	**0**	**12K**		**Lightning**
Poweshiek County									
Grinnell	**26**	**1011CST**			**0**	**0**	**2K**	**5K**	**Hail (0.88)**
Poweshiek County									
Grinnell	**26**	**1015CST**			**0**	**0**	**2K**	**5K**	**Hail (0.88)**

Moist air moved into Iowa slowly over a period of a few days. During the previous several days the thunderstorm activity was to the northwest of Iowa. On the evening of the 25th, thunderstorms erupted over southeast South Dakota into Minnesota. They were set off in part by an approaching weak cold frontal system. The storms to the northwest of Iowa became severe and slipped into the state shortly before midnight. As they did, the storms produced gusty winds and hail. Winds were around 60 MPH in Pocahontas and Webster Counties for example. The winds downed trees and caused power outages. Many of the storms produced hail as they tracked southeast across the state as well. Numerous reports of hail from dime size to as large as golf ball size were received. Crop damage was widespread due to the hail. The severe thunderstorms weakened as sunrise approached. The period of weakening was short-lived however. After sunrise the cluster of storms intensified with the system becoming a hail producer. The largest hail fell in the Ames area with reports of hail up to four inches in diameter. The hail was oblong with the length around four inches and the width around 2 inches. Extensive damage resulted with car and roof damage in the city, and crop damage outside of the city. As the storms progressed east, reports of hail one inch in diameter to golf ball size were common. The hail caused crop damage in many areas. As the storms moved through the Newton area, lightning struck the Integrated Health Services building. The building security system was damaged and some minor damage was reported to the building. Damage estimates of damage were around $12,000.

Tama County									
Garwin	**26**	**1345CST** **1730CST**			**0**	**0**	**50K**	**10K**	**Flash Flood**
Boone County									
2 NW Boone	**26**	**1415CST**	**0.2**	**25**	**0**	**0**	**1K**		**Tornado (F0)**
Brief touchdown with minor tree damage									
Guthrie County									
2 N Bagley to **3 NW Bagley**	**26**	**1418CST** **1429CST**	**3.6**	**40**	**0**	**0**	**5K**	**5K**	**Tornado (F1)**
Mostly tracked through rural area									
Guthrie County									
3 E Bagley	**26**	**1430CST**			**0**	**0**		**10K**	**Hail (0.75)**
Guthrie County									
6 W Bayard	**26**	**1520CST**			**0**	**0**	**5K**	**10K**	**Hail (1.75)**

Storm Data and Unusual Weather Phenomena

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
IOWA, Central									
Guthrie County									
7 NW Bagley	**26**	**1537CST** **1545CST**			**0**	**0**	**5K**	**20K**	**Hail (1.00)**
Adair County									
Northwest Portion	**26**	**1600CST** **1800CST**			**0**	**0**	**200K**	**50K**	**Flash Flood**
Cass County									
Countywide	**26**	**1600CST** **1800CST**			**0**	**0**	**150K**	**50K**	**Flash Flood**
Guthrie County									
1 N Adair	**26**	**1620CST** **1625CST**			**0**	**0**	**10K**	**15K**	**Hail (1.75)**
Audubon County									
5 SE Audubon	**26**	**1630CST**			**0**	**0**	**5K**	**10K**	**Hail (1.75)**
Cass County									
Atlantic	**26**	**1643CST**			**0**	**0**	**20K**	**10K**	**Hail (1.75)**
Cass County									
10 NW Atlantic	**26**	**1643CST**			**0**	**0**	**5K**	**20K**	**Hail (1.75)**
Cass County									
6 W Atlantic to 7 W Atlantic	**26**	**1703CST**			**0**	**0**	**30K**	**25K**	**Hail (2.75)**
Cass County									
Atlantic	**26**	**1706CST**			**0**	**0**	**5K**	**5K**	**Hail (1.00)**
Cass County									
6 W Atlantic	**26**	**1707CST** **1717CST**			**0**	**0**	**20K**	**100K**	**Hail (2.75)**
Cass County									
7 W Atlantic	**26**	**1718CST**			**0**	**0**	**30K**	**100K**	**Hail (2.75)**
Cass County									
2 SW Atlantic	**26**	**1720CST**			**0**	**0**	**3K**	**10K**	**Hail (1.00)**
Cass County									
5 NNE Griswold	**26**	**1735CST**			**0**	**0**	**2K**	**15K**	**Thunderstorm Wind (G61)**
Poweshiek County									
5 N Brooklyn	**26**	**1929CST**			**0**	**0**	**3K**	**10K**	**Hail (1.00)**
Tama County									
Countywide	**26**	**1930CST** **2130CST**			**0**	**0**	**200K**	**50K**	**Flash Flood**
Poweshiek County									
5 NW Brooklyn	**26**	**1934CST**			**0**	**0**		**10K**	**Hail (0.75)**

After a brief break of about five hours, thunderstorms began to erupt in Iowa once again. As had been the case over the course of the previous several days to the north and west of Iowa, thunderstorms developed during the mid afternoon and became supercells within a short period of time. Wind profiles were favorable with a south to southeast flow in the low levels and a north to northwest flow in the mid and high levels. A cluster of thunderstorms developed over central and west central Iowa. Initially, the storms exhibited strong characteristics of being tornadic. There were a couple of tornado touchdowns during the first hour of the storms development. The first was northwest of Boone in Boone County. This tornado touched down in open country and was only on the ground for a short period of time. As the storms continued to develop, another tornado touched down in Guthrie County. This tornado was on the ground for a few miles before roping out and did cause some damage. Fortunately the tornado missed the city of Bagley. As the system progressed, the tornadic activity ended with the complex becoming a significant hail producer. Although there were some high winds reported with the storms, most of the winds were under 50 MPH. The hail from this complex did considerable crop damage as the entire complex tracked to the south-southwest. Most of the hail was in the one inch to one and three quarter inch range. Storms passing over Cass County produced baseball size hail near the town of Atlantic. The hail caused serious damage and even broke windows out of several houses. The other problem with the storms during this event was the extremely heavy rainfall. The airmass was very moist with deep moisture in place, even though the moisture ribbon was quiet narrow. Rainfall of one and one half inches was reported in Tama County in a 15 minute time period. This produced the first flash flooding of the afternoon. As the action shifted to the west, heavy rainfall occurred over Adair and Cass Counties. Rainfall of three to five inches was reported in both of these counties within a two hour period. Enough rain fell to cover a section of Interstate 80 to a depth of two to three feet with water in Adair County, forcing the closure of the Interstate for a period of time. Water was also over the interstate in Cass County north of Atlantic, resulting in a brief closure there as well. Meanwhile, the area of thunderstorms over central Iowa increased in strength. Heavy rainfall ensued over Tama County with an additional four inches of rainfall in a couple hour time period. Serious flooding was reported in Tama and Montour with water around three feet deep in the streets of both towns. The storms weakened over central and eastern Iowa during the early evening as they moved southeast. The storms over west central and southwest Iowa remained severe as they moved south-southwest out of the Des Moines County Warning Area.

Storm Data and Unusual Weather Phenomena

July 2000

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

IOWA, East Central and Southeast

IAZ063>068 **Iowa - Johnson - Cedar - Clinton - Muscatine - Scott**

01 0000CST **0** **0** **Flood**
06 2330CST

Summary of 6/13/00 to 7/7/00 flood event:

Locally heavy rains from mid June into early July produced flooding on the Iowa, Rock, and Wapsipinicon Rivers. The Iowa River at Marengo crested just above flood stage at 14.04 feet (flood stage 14 ft) on July 5th. The Wapsipinicon River near DeWitt crested in mid June and again in late June, and remained above flood stage through July 6th. The Rock River at Moline crested at 12.31 feet (flood stage 12 ft) on July 6th.

Delaware County
Manchester **02 1911CST** **0** **0** **Heavy Rain**
Law enforcement reported 1.3 inches of rain fell in a ten minute period.

Linn County
Coggon **02 1930CST** **0** **0** **Heavy Rain**
A NWS Spotter reported 1.18 inches of rain fell in a one-hour period.

Benton County
Vinton **02 1932CST** **0** **0** **Heavy Rain**
Emergency Management reported 1.3 inches of rain fell in a 45-minute period.

Washington County
Kalona **02 2005CST** **0** **0** **25K** **Thunderstorm Wind**
2015CST
A local newspaper reported thunderstorm winds blew down large trees and power lines throughout the town, and damaged a grain elevator and business sign.

Johnson County
Swisher **02 2010CST** **0** **0** **Thunderstorm Wind (G50)**
58 mph thunderstorm gust reported by NWS Cooperative Observer.

Jackson County
Maquoketa **02 2107CST** **0** **0** **Urban/Sml Stream Fld**
Law enforcement reported some city streets flooded.

Scott County
Davenport **02 2145CST** **0** **0** **Urban/Sml Stream Fld**
A Ham Radio operator reported five inches of standing water at the intersection of Eastern Avenue and Kimberly Road. Manhole covers were blown off by the force of the water.

Summary of 7/2/00 evening event:

Afternoon heating produced a moderately unstable environment, which combined with a weak cold front pushing south through the area to trigger a round of strong to severe thunderstorms over portions of eastern Iowa and western Illinois. The primary threats were winds around 60 mph, and local flooding from heavy rain. Thunderstorm wind damage occurred in Johnson and Washington counties in eastern Iowa. Delaware county in northeast Iowa received 1.3 inches of rain in a ten-minute period. Thunderstorms moved eastward in western Illinois and produced heavy rain, but no reports of severe weather. See the individual entries above for additional details on the 7/2/00 event.

Washington County
Countywide **04 1038CST** **0** **0** **Urban/Sml Stream Fld**
Law enforcement reported heavy rains resulted in creeks throughout the county rising out of their banks.

Johnson County
Iowa City **04 1104CST** **0** **0** **Urban/Sml Stream Fld**
Law enforcement reported heavy rains flooded a railroad underpass.

Muscatine County
Muscatine **04 1201CST** **0** **0** **Urban/Sml Stream Fld**
Law enforcement reported heavy rain resulted in standing water on Highway 61.

Lee County
Countywide **04 1224CST** **0** **0** **Urban/Sml Stream Fld**
Law enforcement reported water covering a portion of Highway 218.

Summary of 7/4/00 heavy rain event:

Slow-moving showers and thunderstorms moved across portions of eastern Iowa and west central Illinois. Torrential rains of up to two inches resulted in street, highway, and small creek flooding. See individual reports above for additional details.

Benton County
Vinton **09 0730CST** **0** **0** **1K** **Thunderstorm Wind**
0745CST
Thunderstorm winds blew down a large tree on a house

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

IOWA, East Central and Southeast

Linn County
Cedar Rapids 09 0800CST 0 0 0.25K **Thunderstorm Wind**
Thunderstorm winds snapped a large tree limb.

Jones County
Monticello 10 0255CST 0 0 **Urban/Sml Stream Fld**
Law enforcement reported minor street flooding.

Johnson County
Coralville 10 0420CST 0 0 **Urban/Sml Stream Fld**
Law enforcement reported minor street flooding.

Muscatine County
Muscatine 10 0540CST 0 0 **Urban/Sml Stream Fld**
Law enforcement reported minor street flooding.

Benton County
Shellsburg 10 1500CST 0 0 **Funnel Cloud**
1600CST
Law enforcement reported a funnel cloud near Shellsburg.

Linn County
Palo 10 1500CST 0 0 **Funnel Cloud**
1600CST
Law enforcement reported a funnel cloud in the Palo area.

Scott County
1 N Walcott 10 1700CST 0 0 **Funnel Cloud**
1730CST
Law enforcement reported a funnel cloud just north of Walcott.

Summary of 7/10/00 funnel cloud event:

Cold air aloft, a moist and unstable airmass at the surface, and a cold front draped across the area, combined to produce numerous funnel clouds across portions of central and eastern Iowa, into northern Illinois during the afternoon and early evening hours. There were no touchdowns, and no injuries or damage reported.

IAZ065-067>068 **Cedar - Muscatine - Scott**
13 1300CST 0 0 **Flood**
20 0045CST

Summary of July 13 - 20 event:

The Cedar River rose above flood stage in mid July in response to heavy rain upstream of Conesville and Cedar Rapids. At Conesville, the river crested at 14.14 feet (flood stage 12 ft) on July 18th.

Linn County
Walker 26 1138CST 0 0 **Hail (0.88)**
Nickel-sized hail reported by law enforcement.

Benton County
3 S Newhall 26 1300CST 0 0 **Hail (1.75)**
Golfball-sized hail reported by trained spotter.

Benton County
Keystone 26 1710CST 0 0 **Flash Flood**
Heavy rains produced flash flooding. A gravel road near Keystone was flooded. Rain filled roadside ditches and fields had standing/running water. Emergency management reported 3.8 inches of rain in Keystone.

Benton County
4 N Luzerne 26 1740CST 0 0 **Flash Flood**
Torrential rains resulted in water over Highway 30.

Benton County
Luzerne 26 1740CST 0 0 **Heavy Rain**
Emergency management reported 4.5 inches of rain.

Benton County
4 SE Newhall 26 1752CST 0 0 **Heavy Rain**
Emergency management reported 3.5 inches of rain.

Iowa County
Amana 26 1752CST 0 0 **Flash Flood**
Two inches of water covered a portion of Highway 151.

Iowa County
Williamsburg 26 1815CST 0 0 **Hail (0.75)**
Penny-sized hail reported by NWS Cooperative Observer.

Storm Data and Unusual Weather Phenomena

July 2000

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
IOWA, East Central and Southeast									
		Summary of 7/26/00 event:							
		Boundaries from a decaying Mesoscale Convective System, interacting with a moderately unstable airmass, provided the focus for the development of strong to severe thunderstorms, which began in portions of central and northeast Iowa during the morning hours. Scattered severe activity with large hail reports continued through the afternoon into the evening hours across eastern Iowa. Torrential rains of three to four inches produced some flash flooding along some state highways in the area. See individual entries above for additional details on the 7/26/00 event.							
IOWA, Northeast									
Winneshiek County									
6 NE Decorah	**02**	**1515CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
Allamakee County									
6 E Hanover to	**02**	**1535CST**	**2**	**50**	**0**	**0**		**20K**	**Tornado (F0)**
8 E Hanover		**1540CST**							
Chickasaw County									
Alta Vista	**02**	**1538CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Chickasaw County									
4 N Ionia	**02**	**1549CST**			**0**	**0**		**15K**	**Hail (0.88)**
Chickasaw County									
Nashua	**02**	**1600CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G55)**
Chickasaw County									
2 NW New Hampton	**02**	**1610CST**			**0**	**0**		**12.5K**	**Hail (0.88)**
Chickasaw County									
New Hampton	**02**	**1615CST**			**0**	**0**		**10K**	**Hail (0.75)**
Allamakee County									
Rossville	**02**	**1640CST**			**0**	**0**			**Hail (0.75)**
Allamakee County									
5 N Harpers Ferry	**02**	**1643CST**			**0**	**0**			**Hail (0.75)**
Allamakee County									
Harpers Ferry	**02**	**1645CST**			**0**	**0**	**3K**		**Hail (0.75)**
		Law enforcement officials reported a tornado touched down briefly near Hanover (Allamakee County), but only damaged some corn fields. Elsewhere across northeast Iowa, several trees were knocked down by thunderstorm wind gusts of 60 to 65 mph and hail the size of dimes and quarters was also reported.							
Allamakee County									
Countywide	**02**	**1627CST**			**0**	**0**	**75K**	**60K**	**Flash Flood**
		1855CST							
		Law enforcement officials reported several gravel roads were washed out due to flash flooding. In addition, campgrounds near Harpers Ferry had to be evacuated due to high water.							
Floyd County									
Charles City	**09**	**2335CST**			**0**	**0**	**35K**	**30K**	**Thunderstorm Wind (G55)**
Floyd County									
Nora Spgs	**09**	**2335CST**			**0**	**0**	**8K**	**30K**	**Thunderstorm Wind (G55)**
Chickasaw County									
1 N Nashua	**09**	**2350CST**			**0**	**0**	**20K**	**45K**	**Thunderstorm Wind (G55)**
Howard County									
Cresco	**09**	**2355CST**			**0**	**0**	**30K**	**35K**	**Thunderstorm Wind (G55)**
Mitchell County									
Stacyville	**09**	**2355CST**			**0**	**0**	**18K**	**25K**	**Thunderstorm Wind (G50)**
Chickasaw County									
New Hampton	**10**	**0010CST**			**0**	**0**	**50K**	**40K**	**Thunderstorm Wind (G52)**
Fayette County									
Alpha	**10**	**0015CST**			**0**	**0**	**10K**	**35K**	**Thunderstorm Wind (G52)**
Fayette County									
Waucoma	**10**	**0015CST**			**0**	**0**	**20K**	**30K**	**Thunderstorm Wind (G53)**
Fayette County									
West Union	**10**	**0020CST**			**0**	**0**	**20K**	**45K**	**Thunderstorm Wind (G55)**
Winneshiek County									
Decorah	**10**	**0040CST**			**0**	**0**	**25K**	**35K**	**Thunderstorm Wind (G54)**
Allamakee County									
Hanover	**10**	**0045CST**			**0**	**0**	**18K**	**35K**	**Thunderstorm Wind (G56)**
Clayton County									
Volga	**10**	**0045CST**			**0**	**0**	**15K**	**25K**	**Thunderstorm Wind (G52)**
Clayton County									
Monona	**10**	**0050CST**			**0**	**0**	**35K**	**40K**	**Thunderstorm Wind (G55)**

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
IOWA, Northeast									
		60 to 65 mph wind gusts caused widespread damage, knocking down numerous trees and power lines. In addition, hundreds of acres of corn and soybeans were damaged.							
Howard County									
Countywide	**09**	**2350CST**			**0**	**0**	**55K**	**40K**	**Flash Flood**
	10	**0220CST**							
Winneshiek County									
Decorah	**10**	**0029CST**			**0**	**0**	**30K**	**15K**	**Flash Flood**
		0300CST							
Allamakee County									
Countywide	**10**	**0100CST**			**0**	**0**	**35K**	**30K**	**Flash Flood**
		0300CST							
		3 to 4 inches of rain within a couple of hours caused flash flooding, which washed out several county roads and damaged crops. In Decorah (Winnishiek County), city streets were covered by as much as a foot of water.							
IAZ008-018		**Mitchell - Floyd**							
	10	**2200CST**			**0**	**0**	**85K**	**110K**	**Flood**
	13	**0400CST**							
		Flooding rains that fell near the Minnesota-Iowa border during the early morning of July 9 and 10 caused the Cedar River to rise quickly. Due to high water, several roads had to be closed and some residents were forced to sandbag to protect homes and businesses. Crops near the river that had been resown due to flooding in June were lost once again. At Charles City (Floyd County), the river crested on July 12 at 17.5 feet, which is 5.5 feet above flood stage.							
IOWA, Northwest									
Clay County									
Webb to	**02**	**1405CST**			**0**	**0**			**Hail (2.50)**
2 SW Webb		**1415CST**							
Clay County									
5 SE Webb	**02**	**1500CST**			**0**	**0**			**Hail (0.75)**
Buena Vista County									
3 E Sioux Rapids	**02**	**1425CST**			**0**	**0**			**Hail (1.00)**
Cherokee County									
Cherokee	**02**	**1640CST**			**0**	**0**			**Hail (0.75)**
Buena Vista County									
Storm Lake	**02**	**1640CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Thunderstorm winds caused tree damage, including several trees down.							
Lyon County									
5 E Doon	**09**	**2015CST**	**1**	**100**	**0**	**0**	**50K**		**Tornado (F1)**
		2017CST							
		A tornado destroyed a machine shed and a garage. The tornado also uprooted several trees and flattened part of a corn crop. The tornado formed 5 miles east of Doon, then moved south, crossing the county line into Sioux County, where further damage occurred.							
Sioux County									
5 N Hull to	**09**	**2017CST**	**2**	**100**	**0**	**0**	**10K**		**Tornado (F0)**
3 N Hull		**2021CST**							
		A tornado crossed into Sioux County from Lyon County to the north, where it had caused damage. In Sioux County, the tornado blew down power lines and caused tree damage.							
O'Brien County									
Sheldon	**09**	**2051CST**			**0**	**0**	**20K**		**Thunderstorm Wind (G52)**
		Thunderstorm winds caused tree damage, including some trees blown down.							
Osceola County									
Melvin	**09**	**2110CST**			**0**	**0**			**Thunderstorm Wind (G52)**
O'Brien County									
Sheldon	**09**	**2130CST**	**0.5**	**100**	**0**	**0**	**100K**		**Tornado (F1)**
		A tornado blew down trees, turned a trailer on its side, and damaged warehouses and a motorhome.							
Dickinson County									
Milford	**09**	**2135CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Clay County									
Spencer	**09**	**2137CST**			**0**	**0**			**Thunderstorm Wind (G54)** [M]
Osceola County									
5 N Sibley	**11**	**1936CST**	**0.1**	**50**	**0**	**0**			**Tornado (F0)**
		A brief tornado caused no reported damage.							
Clay County									
Everly	**11**	**2030CST**			**0**	**0**			**Hail (0.75)**
Ida County									
3 S Holstein	**11**	**2115CST**			**0**	**0**			**Thunderstorm Wind (G57)**

Storm Data and Unusual Weather Phenomena

July 2000

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
IOWA, Northwest									
Woodbury County									
Sergeant Bluff	**24**	**2206CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Dickinson County									
Lake Park	**25**	**2035CST**			**0**	**0**			**Hail (0.75)**
Lyon County									
Little Rock to Inwood	**25**	**2057CST 2124CST**			**0**	**0**			**Hail (1.75)**
Large hail damaged vehicles, windows, and crops, but the amount of damage was not determined. The hail fell over most of the southern and eastern parts of Lyon County.									
Dickinson County									
2 W Wahpeton to 8 SW Milford	**25**	**2115CST 2125CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Thunderstorm winds caused tree damage, including large branches and a few trees down.									
Sioux County									
3 NE Rock Vly to Newkirk	**25**	**2130CST 2220CST**			**0**	**0**			**Hail (1.75)**
Large hail caused crop damage and damage to vehicles and windows, but the amount of damage was not determined.									
Clay County									
Spencer	**25**	**2148CST**			**0**	**0**			**Thunderstorm Wind (G52)**
O'Brien County									
Gaza	**25**	**2210CST**			**0**	**0**			**Hail (0.75)**
O'Brien County									
Sutherland	**25**	**2225CST**			**0**	**0**			**Hail (0.75)**
Clay County									
3 SE Rossie	**25**	**2230CST**			**0**	**0**			**Hail (0.75)**
Buena Vista County									
Sioux Rapids	**25**	**2237CST 2249CST**			**0**	**0**			**Hail (0.75)**
Cherokee County									
Cherokee	**25**	**2308CST**			**0**	**0**			**Hail (0.75)**
Cherokee County									
Cherokee	**25**	**2308CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Thunderstorm winds caused tree damage, including some trees down.									
Clay County									
Gillett Grove	**26**	**0100CST**			**0**	**0**			**Hail (2.75)**
IOWA, Southwest									
Page County									
Clarinda	**05**	**1415CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed a few power lines around Clarinda.									
Pottawattamie County									
Walnut	**26**	**1655CST**			**0**	**0**			**Hail (2.75)**
Pottawattamie County									
3 S Walnut	**26**	**1700CST 1705CST**	**0.1**	**10**	**0**	**0**			**Tornado (F0)**
A brief touchdown of a very narrow and short-lived tornado. The storm spotter that reported it said it appeared and then dissipated in a matter of 15 or 20 seconds, "it was very snake-like in appearance" according to the spotter.									
Pottawattamie County									
11 E Oakland	**26**	**1732CST**			**0**	**0**			**Hail (2.75)**
Pottawattamie County									
9 E Oakland	**26**	**1732CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G60)**
Thunderstorm winds downed trees and a machine shed east of Oakland.									
Pottawattamie County									
Carson	**26**	**1810CST**			**0**	**0**			**Hail (0.75)**
Mills County									
3 NE Silver City	**26**	**1820CST**			**0**	**0**			**Hail (1.75)**
Reported by law enforcement official.									
Page County									
Shenandoah	**26**	**1825CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm gust estimated at 60 mph brought large tree limbs down in Shenandoah.									
Mills County									
Silver City	**26**	**1830CST**			**0**	**0**			**Hail (1.75)**
Mills County									
Glenwood	**26**	**1830CST**			**0**	**0**			**Hail (1.75)**

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
IOWA, Southwest									
		The hail was accompanied by strong winds which overturned a semitrailer truck towing 2 trailers.							
Fremont County									
Shenandoah	**26**	**1831CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Thunderstorms winds which were slightly stronger on the east part of town where more tree limbs were downed.							
Fremont County									
1 N Imogene	**26**	**1831CST**			**0**	**0**			**Thunderstorm Wind (G70)**
		Thunderstorm winds estimated at around 80 mph by the Fire Department.							
Mills County									
Pacific Jct	**26**	**1849CST**			**0**	**0**			**Hail (1.75)**
KANSAS, East									
KSZ012	**Brown**								
	01	**0532CST**			**2**	**3**			**Fog**
		0535CST							
		Dense fog contributed to two fatal accidents 10 miles west of Horton near the junction of U.S. Highway 75 and highway 20. A pickup truck driven by a 35 year old male struck a semi-trailer that had just pulled onto highway 75 from a gas station killing the 35 year old pickup truck driver. Three minutes later a southbound car on U.S. 75 came upon the scene of the first accident and struck the semi killing the 36 year old male driver. A woman and 2 children in the second car were injured. M35VE, M36VE							
Osage County									
2 NE Vassar	**01**	**1425CST**			**0**	**0**			**Hail (0.75)**
Republic County									
Narka	**02**	**2326CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Washington County									
5 NE Haddam	**02**	**2330CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Washington County									
Haddam	**02**	**2330CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Ottawa County									
5 S Bennington	**04**	**0230CST**			**0**	**0**	**2K**		**Lightning**
		Lightning struck a house igniting a fire that did considerable damage to a laundry room.							
Washington County									
Washington	**04**	**0620CST**			**0**	**0**	**3K**		**Lightning**
		Lightning struck the Law enforcement center in Washington causing about 50 percent of the equipment to be severely damaged.							
KSZ037	**Morris**								
	13	**0600CST**			**2**	**0**			**Excessive Heat**
		Two people died from dehydration in Council Grove. One was an 85 year old male and the other was his 82 year old wife. The two were found dead in their home. M85PH, F82PH							
Clay County									
Clifton	**16**	**1851CST**			**0**	**0**			**Hail (0.75)**
Clay County									
Morganville	**16**	**1851CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Clay County									
Morganville	**16**	**1855CST**			**0**	**0**			**Hail (1.00)**
Clay County									
Clay Center	**16**	**1900CST**			**0**	**0**			**Hail (0.88)**
Marshall County									
Frankfort	**16**	**2030CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Jefferson County									
5 SSE Winchester	**17**	**1547CST**	**0.1**	**50**	**0**	**0**			**Tornado (F0)**
		A tornado touched down briefly over open country.							
Morris County									
4 N White City	**19**	**0148CST**			**0**	**0**			**Hail (0.75)**
Geary County									
13 SE Junction City	**19**	**0155CST**			**0**	**0**			**Hail (1.00)**
Marshall County									
Summerfield	**20**	**0142CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Nemaha County									
Seneca	**20**	**0208CST**			**0**	**0**			**Hail (1.00)**
Brown County									
7 SE Hiawatha	**20**	**0210CST**			**0**	**0**			**Hail (0.88)**
Nemaha County									
Sabetha	**20**	**0216CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Nemaha County									
4 S Sabetha	**20**	**0218CST**			**0**	**0**			**Hail (1.00)**

Storm Data and Unusual Weather Phenomena

July 2000

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
KANSAS, East									
Brown County									
3 W Hiawatha	**20**	**0224CST**			**0**	**0**			**Thunderstorm Wind (G54) M**
Brown County									
6 S Hiawatha	**20**	**0234CST**			**0**	**0**	**3K**		**Thunderstorm Wind (G61)**
Strong winds damaged a barn south of Hiawatha.									
Morris County									
Burdick	**20**	**1616CST**			**0**	**0**			**Hail (0.75)**
Morris County									
1 E Diamond Spgs	**20**	**1623CST**			**0**	**0**			**Hail (1.00)**
Cloud County									
Glasco	**25**	**0115CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Washington County									
8 S Brantford	**25**	**0118CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Dickinson County									
10 NNE Abilene	**26**	**0127CST**			**0**	**0**			**Hail (0.88)**
Brown County									
Hiawatha	**26**	**2040CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Brown County									
Powhattan	**26**	**2050CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G60)**
Strong winds blew a 35 foot section of a roof off a residence.									
Brown County									
9 W Horton	**26**	**2055CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Jefferson County									
4 E Winchester	**26**	**2117CST**			**0**	**0**			**Thunderstorm Wind (G56)**
Douglas County									
Lawrence	**26**	**2138CST**			**0**	**0**			**Thunderstorm Wind (G56)**
Jefferson County									
3 N Grantville	**26**	**2140CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Franklin County									
Wellsville	**26**	**2200CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G61)**
Strong winds blew tree limbs down on a transformer doing considerable damage.									
Anderson County									
1 NW Greely	**26**	**2228CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Anderson County									
Greely	**26**	**2231CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Pottawatomie County									
Havensville	**27**	**1855CST**			**0**	**0**			**Hail (1.00)**
Washington County									
3 NW Morrowville	**28**	**0240CST**			**0**	**0**			**Hail (0.75)**
KANSAS, Extreme Southeast									
Crawford County									
Arcadia	**20**	**0544CST**			**0**	**0**	**0**		**Hail (0.75)**
Crawford County									
Countywide	**22**	**1030CST**			**0**	**0**	**0**		**Flash Flood**
		1230CST							
Cherokee County									
Countywide	**22**	**1220CST**			**0**	**0**	**0**		**Flash Flood**
		1500CST							
Thunderstorms produced 2 to 4 inches of rain in extreme southeast Kansas. Rainfall rates were 2 inches per hour in some locations. This resulted in the flooding of low water crossings. In Cherokee County, Highway 7 between Scammon and Columbus briefly flooded.									
Bourbon County									
Ft Scott	**26**	**2330CST**			**0**	**0**	**0**		**Thunderstorm Wind**
Thunderstorm winds downed tree limbs.									
KANSAS, North Central									
Osborne County									
3 SW Bloomington	**10**	**2030CST**			**0**	**0**	**0**	**50K**	**Hail (0.88)**
Osborne County									
1 E Alton	**10**	**2035CST**			**0**	**0**	**10K**	**250K**	**Hail (1.75)**
Rooks County									
9 N Damar	**18**	**2218CST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind (G52)**
Rooks County									
Stockton	**18**	**2230CST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind (G52)**

Storm Data and Unusual Weather Phenomena

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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
KANSAS, North Central									
Rooks County									
3 NW Webster	**18**	**2230CST**			**0**	**0**	**2K**	**100K**	**Hail (1.75)**
Osborne County									
2 N Natoma	**18**	**2238CST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind (G62)**
Phillips County									
Prairie View	**20**	**1640CST**			**0**	**0**	**5K**	**250K**	**Hail (1.75)**
Phillips County									
Woodruff	**20**	**1755CST**			**0**	**0**	**0**	**100K**	**Hail (0.75)**
Smith County									
Kensington	**25**	**0130CST**			**0**	**0**	**10K**	**0**	**Hail (1.75)**
Osborne County									
4 N Osborne	**25**	**0205CST**			**0**	**0**	**0**	**0**	**Hail (0.88)**
Smith County									
Lebanon	**25**	**0245CST**			**0**	**0**	**0**	**0**	**Hail (0.88)**
KANSAS, Northeast									
Atchison County									
Atchison	**16**	**2313CST**			**0**	**0**	**22K**		**Lightning**
A lightning strike sparked a house fire. Damage was estimated at $22,000.									
Atchison County									
Atchison	**16**	**2315CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Thunderstorm winds downed a maple tree 12 inches in diameter.									
Johnson County									
(Ixd)Jhnsn Co Indsl	**17**	**0104CST**			**0**	**0**			**Thunderstorm Wind (G53) M**
A 61 mph wind gust was measured at New Century Air Center.									
Johnson County									
Overland Park	**17**	**0130CST**			**0**	**0**			**Thunderstorm Wind (G52)**
An off duty NWS employee reported 6 inch diameter tree limbs down at 159th and Lamar. A line of thunderstorms moved through the Kansas suburbs of Kansas City during the early morning hours of July 17. Isolated wind damage was reported, but the storms were more noteworthy for an intense lightning display. Constant lightning was observed, and over 2000 cloud-to-ground lightning strikes were detected in Johnson County between 2 and 3 am.									
Leavenworth County									
Leavenworth	**26**	**2057CST**			**0**	**0**			**Thunderstorm Wind (G58) M**
Emergency management officials recorded wind gusts up to 67 mph. Limbs and trees up to 2 1/2 feet in diameter were downed.									
Leavenworth County									
Basehor	**26**	**2110CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Emergency managers reported trees up to 8 inches in diameter downed.									
Leavenworth County									
Tonganoxie	**26**	**2112CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Leavenworth County									
Lansing	**26**	**2115CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Wyandotte County									
Bonner Spgs	**26**	**2117CST**			**0**	**0**			**Thunderstorm Wind (G57)**
The Bonner Springs Fire Department recorded a 66 mph wind gust.									
Johnson County									
Shawnee	**26**	**2123CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Johnson County									
Lenexa	**26**	**2128CST**			**0**	**0**			**Thunderstorm Wind (G52)**
An off duty NWS employee estimated wind gusts at 60 mph.									
Johnson County									
Leawood	**26**	**2130CST**			**0**	**0**	**50K**		**Lightning**
A lightning strike sparked a house fire, which resulted in an estimated $50,000 in damage.									
Johnson County									
(Ixd)Jhnsn Co Indsl	**26**	**2134CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
A 60 mph wind gust was measured at New Century Air Center.									
Johnson County									
Stanley	**26**	**2147CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Miami County									
Hillsdale	**26**	**2150CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Law enforcement officials estimated wind gusts at 60 mph. A line of severe thunderstorms raced southward across extreme eastern Kansas, producing winds in excess of 65 mph and widespread wind damage. Areas from Leavenworth to Overland Park were hardest hit by the thunderstorm winds.									

Storm Data and Unusual Weather Phenomena

July 2000

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
KANSAS, Northwest									
KSZ001>004-013>016-027>029-041>042	**Cheyenne - Rawlins - Decatur - Norton - Sherman - Thomas - Sheridan - Graham - Wallace - Logan - Gove - Greeley - Wichita**								
	01	**0000CST**			**0**	**0**			**Drought**
	31	**0000CST**							
	Drought conditions were in the Severe Category to near Extreme Category for most of the month. Non-irrigated crops succumbed due to the dry weather and lack of sub-soil moisture. Rivers and creeks were generally dry across northwest Kansas.								
Wichita County									
10 WSW Leoti	**02**	**1514CST**			**0**	**0**			**Hail (0.75)**
Greeley County									
6 NE Tribune	**02**	**1525CST**			**0**	**0**			**Hail (1.00)**
Logan County									
Russell Spgs	**02**	**1627CST**			**0**	**0**			**Hail (0.75)**
Sheridan County									
10 S Hoxie	**02**	**1631CST**			**0**	**0**			**Hail (0.75)**
Gove County									
2 W Grainfield	**02**	**1655CST**			**0**	**0**			**Hail (1.00)**
Gove County									
2 W Grainfield	**02**	**1723CST**			**0**	**0**			**Hail (1.00)**
Sheridan County									
7 S Hoxie	**02**	**1731CST**			**0**	**0**			**Hail (1.00)**
Sheridan County									
7 N Seguin	**02**	**1755CST**			**0**	**0**			**Hail (0.75)**
Rawlins County									
10.5 NW Atwood	**03**	**1500CST**			**0**	**0**			**Hail (0.88)**
Gove County									
29 SW Quinter	**03**	**1515CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Norton County									
Norton	**09**	**2100CST**			**0**	**0**			**Hail (1.00)**
Decatur County									
5.5 S Jennings	**09**	**2115CST**			**0**	**0**			**Thunderstorm Wind (G70)**
	Thunderstorm Winds caused the top part of a farm shed to rip off and fall into a house about 100 yards away.								
Sheridan County									
Selden	**09**	**2155CST**			**0**	**0**			**Hail (0.75)**
Norton County									
2 N Norton	**09**	**2200CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Sheridan County									
6.5 W Selden	**09**	**2225CST**			**0**	**0**			**Tstm Wind/Hail**
	One inch diameter Hail combined with Thunderstorm Wind gusts to 60 MPH (E).								
Decatur County									
8 W Leoville	**09**	**2230CST**			**0**	**0**			**Hail (1.75)**
Greeley County									
4.5 NW Tribune	**10**	**1525CST**			**0**	**0**			**Hail (0.75)**
Greeley County									
1 W Tribune	**10**	**1530CST**			**0**	**0**			**Hail (0.75)**
Greeley County									
18 NW Tribune	**10**	**1540CST**			**0**	**0**			**Thunderstorm Wind (G58)**
Logan County									
19 SW Russell Spgs	**10**	**1610CST**			**0**	**0**			**Thunderstorm Wind (G58)**
Sheridan County									
3 E Angelus	**10**	**1631CST**			**0**	**0**			**Thunderstorm Wind (G58)**
	Wind turned over sprinkler system.								
Thomas County									
6 E Mingo	**10**	**1654CST**			**0**	**0**			**Hail (0.88)**
		1655CST							
Wallace County									
2 N Weskan	**10**	**1655CST**			**0**	**0**			**Hail (1.00)**
Gove County									
11 S Campus	**10**	**1720CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Thomas County									
1 N Halford	**10**	**1725CST**			**0**	**0**			**Hail (0.88)**

Storm Data and Unusual Weather Phenomena

July 2000

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
KANSAS, Northwest									
Cheyenne County									
18.5 NW St Francis	**10**	**1730CST**			**0**	**0**			**Hail (1.75)**
		1800CST							
Lots of hail and rain resulting in minor flooding.									
Rawlins County									
15 NE Mc Donald	**10**	**1805CST**			**0**	**0**			**Hail (1.00)**
Cheyenne County									
12 N St Francis	**10**	**1851CST**			**0**	**0**			**Hail (0.75)**
Rawlins County									
14 NE Mc Donald	**10**	**1900CST**			**0**	**0**			**Hail (1.00)**
Gove County									
13 SSW Gove	**10**	**2047CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Graham County									
8 N Morland	**10**	**2105CST**			**0**	**0**			**Hail (0.75)**
Sheridan County									
13 S Tasco	**10**	**2120CST**			**0**	**0**			**Hail (0.75)**
Norton County									
6 E Norton	**10**	**2155CST**			**0**	**0**			**Hail (0.75)**
Norton County									
6 E Norton	**10**	**2207CST**			**0**	**0**			**Hail (0.75)**
Decatur County									
4 NE Oberlin	**11**	**1705CST**			**0**	**0**			**Hail (0.75)**
Sherman County									
5 N Kanorado	**18**	**1820MST**			**0**	**0**			**Thunderstorm Wind (G53)**
Cheyenne County									
5 SE Bird City	**18**	**1930CST**			**0**	**0**			**Hail (0.88)**
Rawlins County									
11 NNW Atwood	**18**	**1951CST**			**0**	**0**			**Thunderstorm Wind (G58)**
Thomas County									
4 E Colby	**18**	**2010CST**			**0**	**0**			**Hail (0.88)**
Logan County									
3 W Oakley	**18**	**2030CST**			**0**	**0**			**Hail (0.75)**
Gove County									
9 NW Gove	**18**	**2038CST**			**0**	**0**			**Thunderstorm Wind (G53)**
Wallace County									
Sharon Spgs	**18**	**2050MST**			**0**	**0**			**Hail (0.75)**
Gove County									
Quinter	**18**	**2120CST**			**0**	**0**			**Hail (0.75)**
Graham County									
Studley	**18**	**2120CST**			**0**	**0**			**Hail (0.75)**
Graham County									
Hill City Arpt	**18**	**2138CST**			**0**	**0**			**Thunderstorm Wind (G51)** [M]
Greeley County									
Tribune	**18**	**2344MST**			**0**	**0**			**Thunderstorm Wind (G52)**
5 to 6 inch diameter tree limbs down.									
Greeley County									
Tribune	**19**	**0000MST**			**0**	**0**			**Hail (0.88)**
Greeley County									
Tribune	**19**	**0000MST**			**0**	**0**			**Thunderstorm Wind (G75)**
		0015MST							
Straight Line Winds caused damage in Tribune. Trees were uprooted, vehicle windows broken, shingles torn off houses, and even some damage to panels on a grain elevator. Power was out for up to 2 hours.									
Wichita County									
Leoti to	**19**	**0100CST**			**0**	**0**			**Thunderstorm Wind (G75)**
6 SW Leoti		**0115CST**							
Many downed tree limbs and some damage to vehicles in Leoti from Straight Line Winds.									
Sherman County									
15 N Goodland	**19**	**2225MST**			**0**	**0**			**Hail (1.50)**
Cheyenne County									
10 SW St Francis	**19**	**2249CST**			**0**	**0**			**Hail (1.75)**
Hail completely covering ground.									
Sheridan County									
12 E Angelus	**19**	**2345CST**			**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
KANSAS, Northwest									
Gove County									
Grinnell	**19**	**2350CST**			**0**	**0**			**Hail (1.75)**
Wallace County									
7 N Wallace	**20**	**0000MST**			**0**	**0**			**Hail (0.88)**
Gove County									
3 E Grinnell	**20**	**0018CST**			**0**	**0**			**Hail (1.00)**
Logan County									
Winona	**20**	**0053CST**			**0**	**0**			**Hail (1.75)**
Rawlins County									
6 E Atwood	**20**	**1415CST**			**0**	**0**			**Hail (1.00)**
Decatur County									
Cedar Bluffs	**20**	**1452CST**			**0**	**0**			**Hail (1.75)**
Decatur County									
11 N Norcatur	**20**	**1515CST**			**0**	**0**			**Hail (0.88)**
Norton County									
Almena	**20**	**1640CST**			**0**	**0**			**Hail (1.00)**
Sherman County									
Goodland Arpt	**20**	**1815MST**			**0**	**0**			**Thunderstorm Wind (G56) M**
Sherman County									
7 NE Edson	**20**	**1818MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Rawlins County									
16 N Beardsley	**20**	**1845CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Cheyenne County									
8 S Wheeler	**20**	**1855CST**			**0**	**0**			**Thunderstorm Wind (G63)**
Wallace County									
8 S Wallace	**20**	**1930MST**			**0**	**0**			**Hail (0.75)**
Thomas County									
Colby	**20**	**2000CST**			**0**	**0**			**Thunderstorm Wind (G52)**
	Strong winds broke 5 inch diameter tree limbs.								
Logan County									
Page City	**20**	**2005CST**			**0**	**0**			**Hail (1.75)**
Logan County									
Monument to	**20**	**2030CST**			**0**	**0**			**Flash Flood**
2 S Monument		**2330CST**							
	Flash Flood mainly contained to low lying areas. Water was also reported running over Highway 46.								
Logan County									
Monument	**20**	**2030CST**			**0**	**0**			**Thunderstorm Wind (G75)**
		2130CST							
	Straight Line Winds hit Monument and downed power lines and tree limbs. In addition, there was damage to vehicles and smaller structures, including part of a tin roof from a farm building. Power was out until the next day.								
Gove County									
1 W Park	**20**	**2045CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Cheyenne County									
8 SW St Francis	**21**	**1915CST**			**0**	**0**			**Hail (1.75)**
Cheyenne County									
9 SW St Francis	**21**	**1936CST**			**0**	**0**			**Hail (1.75)**
Sherman County									
3 NW Goodland	**22**	**1242MST**			**0**	**0**			**Hail (1.75)**
Sherman County									
Caruso	**22**	**1300MST**			**0**	**0**			**Hail (0.75)**
Sherman County									
15 S Goodland	**22**	**1320MST**			**0**	**0**			**Hail (2.75)**
Wallace County									
13 N Sharon Spgs	**22**	**1327MST**			**0**	**0**			**Hail (1.00)**
Wallace County									
9 S Sharon Spgs	**22**	**1335MST**			**0**	**0**			**Hail (2.50)**
	Damaged roof on house and automobile.								
Wallace County									
Sharon Spgs	**22**	**1356MST**			**0**	**0**			**Hail (2.00)**
Wallace County									
Sharon Spgs	**22**	**1415MST**			**0**	**0**			**Hail (1.50)**
Wallace County									
11 S Sharon Spgs	**22**	**1420MST**			**0**	**0**			**Hail (1.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
KANSAS, Northwest									
Greeley County									
11 N Tribune	**22**	**1438MST**			**0**	**0**			**Hail (1.00)**
Greeley County									
Tribune	**22**	**1510MST**			**0**	**0**			**Hail (0.88)**
Greeley County									
6 SW Tribune	**22**	**1535MST**			**0**	**0**			**Hail (1.75)**
Sherman County									
6 NE Edson	**27**	**1535MST**			**0**	**0**			**Thunderstorm Wind (G60)**
Strong winds broke 3 inch diameter tree limbs.									
Thomas County									
3 N Brewster	**27**	**1645CST**			**0**	**0**			**Hail (0.75)**
Rawlins County									
6 SE Atwood	**27**	**1800CST**			**0**	**0**			**Hail (1.00)**
Rawlins County									
8 SE Atwood	**27**	**1820CST**			**0**	**0**			**Hail (0.88)**
KANSAS, Southeast									
Russell County									
Russell	**03**	**2142CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G52)**
Guttering torn off a house.									
Russell County									
Russell	**03**	**2143CST**			**0**	**0**			**Thunderstorm Wind (G70) M**
Note! The anemometer measuring this wind speed has been notoriously high.									
Russell County									
3 NW Milberger	**10**	**1717CST**			**0**	**0**			**Hail (0.75)**
Russell County									
5 NW Milberger	**10**	**1724CST**			**0**	**0**			**Hail (1.25)**
Russell County									
7 S Russell	**10**	**1820CST**			**0**	**0**			**Thunderstorm Wind (G56)**
Trees uprooted.									
Lincoln County									
Sylvan Grove	**10**	**1906CST**			**0**	**0**			**Hail (0.75)**
Russell County									
Lucas	**10**	**1910CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Saline County									
12 W Salina	**10**	**1910CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Lincoln County									
4 N Sylvan Grove	**10**	**1925CST**			**0**	**0**			**Thunderstorm Wind (G70)**
Widespread tree damage.									
Saline County									
Salina	**10**	**2015CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Saline County									
Salina	**10**	**2020CST**			**0**	**1**	**50K**		**Thunderstorm Wind (G56)**
Microburst winds tore a roof off a barn. One man injured, sustaining fractured right elbow and head injury that required ten stitches. Large branches stripped from a maple tree fell onto the porch of a duplex collapsing part of it's roof. Horse shelter didn't exactly live up it's billing when it was lifted off the ground and blown over the tops of about 15 parked cars at a neighboring towing company. Downed power lines cuased spotty power outages although tree damage was fairly widespread. Newspapers contributed to this report.									
Saline County									
Salina	**10**	**2020CST**			**0**	**1**	**5K**		**Thunderstorm Wind (G61)**
Severe thunderstorm winds blew truck off I-70. Driver injured.									
Saline County									
Salina	**10**	**2030CST**			**0**	**0**			**Thunderstorm Wind (G53) M**
Measured at radio station KSAL.									
Sedgwick County									
(Aao) Jabara Arpt	**12**	**1337CST**			**0**	**0**			**Thunderstorm Wind (G62) M**
Russell County									
Russell	**16**	**1410CST**			**0**	**0**			**Thunderstorm Wind (G65) M**
Russell County									
Russell	**16**	**1417CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Barton County									
9 E Great Bend	**16**	**1437CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Several tree limbs blown down.									
Barton County									
Ellinwood	**16**	**1442CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G53) M**

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

KANSAS, Southeast

KSNW Channel 3 weather lab. Three minutes later, at 1445 CST, an amateur radio operator reported that several power lines were snapped, several trees uprooted, and considerable damage (not specified) occurred at a school.

Lincoln County
10 SW Sylvan Grove 16 1449CST 0 0 **Thunderstorm Wind (G61)**
Trees blown down.

Lincoln County
2 SW Sylvan Grove 16 1452CST 0 0 **Thunderstorm Wind (G52)**

Barton County
Ellinwood 16 1518CST 0 0 **15K** **Thunderstorm Wind (G61)**
Roof blown off a mobile home. A Parish Center sustained roof and structural damage when a roof fell onto it. One hayshed damaged on northeast side of town while a shed on southwest side had it's roof and door blown off. Tree damage was widespread. Area newspapers contributed to this report.

Rice County
6 N Lyons 16 1530CST 0 0 **Thunderstorm Wind (G52)**

Lincoln County
Lincoln 16 1555CST 0 0 **Thunderstorm Wind (G56)**
Several trees blown down.

Reno County
Nickerson 16 1710CST 0 0 **Thunderstorm Wind (G65)**
Several large trees blown down and blocked a highway.

Reno County
5 NW Hutchinson 16 1715CST 0 0 **Thunderstorm Wind (G52)**

Reno County
2 SE Hutchinson 16 1725CST 0 0 **10K** **Thunderstorm Wind (G65)**
Several power poles broken.

Kingman County
Alameda 16 1745CST 0 0 **Thunderstorm Wind (G52)**

Kingman County
Rago 16 1752CST 0 0 **Thunderstorm Wind (G61) M**

Kingman County
5 S Kingman 16 1800CST 0 0 **Thunderstorm Wind (G52)**
Several tree branches blown down.

Kingman County
2 NW Alameda 16 1803CST 0 0 **Thunderstorm Wind (G52)**

Kingman County
Kingman 16 1830CST 0 0 **Thunderstorm Wind (G61)**
Several tree limbs blown down.

Sumner County
8 NW Conway Spgs 16 1910CST 0 0 **Thunderstorm Wind (G52)**

Harper County
12 W Anthony 16 1939CST 0 0 **Thunderstorm Wind (G52)**

Kingman County
6 S Kingman 16 2030CST 0 0 **Thunderstorm Wind (G52)**
Several tree branches blown down.

Reno County
15 W Hutchinson 18 0148CST 0 0 **Thunderstorm Wind (G52)**

Reno County
South Hutchinson 18 0203CST 0 0 **Thunderstorm Wind (G52)**

Harvey County
Burrton 18 0221CST 0 0 **Thunderstorm Wind (G52)**

Harvey County
Burrton 18 0230CST 0 0 **3K** **Thunderstorm Wind**
Several tree limbs up to six inches in diameter were blown down.

Russell County
4 NW Russell 18 2303CST 0 0 **Thunderstorm Wind (G52)**

Ellsworth County
2 S Wilson 18 2334CST 0 0 **Hail (1.00)**

Ellsworth County
Ellsworth 19 0003CST 0 0 **Thunderstorm Wind (G52) M**

Ellsworth County
4 E Lorraine 19 0018CST 0 0 **Thunderstorm Wind (G53)**

Rice County
Lyons 19 0025CST 0 0 **Thunderstorm Wind (G52)**

Storm Data and Unusual Weather Phenomena

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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
KANSAS, Southeast									
Rice County									
2 SW Lyons	**19**	**0025CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Reno County									
3 NE Sylvia	**20**	**0253CST**			**0**	**0**			**Hail (1.00)**
Harvey County									
Burrton	**20**	**0305CST**			**0**	**0**	**50K**		**Lightning**
One transformer was struck and set afire as were numerous other transformers around Harvey County.									
Harvey County									
1 E Paxton	**20**	**0310CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Harvey County									
Halstead	**20**	**0315CST**			**0**	**0**	**100K**		**Thunderstorm Wind (G65)**
Widespread tree damage, including many uprooted. One tree, snapping in half at the base, fell onto a garage smashing the roof to "within inches" of a car parked inside. A large tree limb fell onto the northeast corner of a second house inflicting damage to the roof as well as to a fifth wheel trailer parked along side. Two other homes also had large branches and/or uprooted trees fall onto them. One fallen tree punched a hole in the roof of a Mennonite church.									
Harvey County									
Newton	**20**	**0315CST**			**0**	**0**	**100K**		**Thunderstorm Wind (G65)**
		0320CST							
Widespread tree and power line damage resulted in power losses to about 2,000 residences in and around Newton.									
Reno County									
Buhler	**20**	**0320CST**			**0**	**0**	**5K**		**Lightning**
Minor damage inflicted to one residence when the lightning traveled thru wiring to an electrical outlet. A second lightning destroyed several hay bales just east of Buhler.									
Sedgwick County									
Wichita	**20**	**0335CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Occurred at Mid-Continent Airport.									
Reno County									
Turon	**20**	**0336CST**			**0**	**0**	**25K**		**Thunderstorm Wind (G61)**
CO-OP observer reported 6-inch diameter tree limbs down. In addition, some trees fell onto power lines severing power to approximately 800 residences.									
Sumner County									
Mulvane	**20**	**0340CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G61)**
Trees blown down caused power outages.									
Sedgwick County									
Wichita	**20**	**0341CST**			**0**	**0**	**50K**		**Thunderstorm Wind (G50) M**
Widespread tree and power line damage resulted in the loss of power to approximately 45,000 residences of 13,000 were without power the following evening. One large tree limb that was blown down smashed the left rear window of a van.									
Sedgwick County									
Goddard	**20**	**0358CST**			**0**	**0**			**Thunderstorm Wind (G53) M**
KSN Channel 3 weather lab, Goddard Middle School.									
Sumner County									
Mulvane	**20**	**0359CST**			**0**	**0**			**Thunderstorm Wind (G50) M**
KSN Channel 3 weather lab, Mulvane Elementary.									
Sumner County									
Mulvane	**20**	**0411CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Tree limbs downed.									
Cowley County									
Udall	**20**	**0413CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Butler County									
Augusta	**20**	**0420CST**			**0**	**0**	**50K**		**Thunderstorm Wind (G50) M**
Damage to trees and power lines resulted in power losses to many residences. Area newspapers contributed to this report.									
Sumner County									
Belle Plaine	**20**	**0420CST**			**0**	**0**	**25K**		**Thunderstorm Wind (G61)**
Large tree fell onto a house, caving in part of it's roof.									
Sedgwick County									
Wichita	**20**	**0430CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Radio Station KFDI reported tree damage at 13th and West St. intersection in West Wichita.									
Sumner County									
Wellington	**20**	**0438CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Occurred at Wellington Lake.									
Cowley County									
Winfield	**20**	**0440CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Tree limbs 6-8 inches in diameter blown down.									

Storm Data and Unusual Weather Phenomena

July 2000

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
KANSAS, Southeast									
Sumner County									
Wellington	**20**	**0440CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Tree damage.									
Sumner County									
8 SW Perth	**20**	**0452CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Chautauqua County									
3 N Cedar Vale	**20**	**0505CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G61)**
Several pieces of tin torn off a barn.									
Allen County									
Iola	**20**	**0610CST**			**0**	**0**			**Flash Flood**
State Street closed in downtown Iola.									
Allen County									
Petrolia to Humboldt	**20**	**0735CST**			**0**	**0**			**Flash Flood**
County road between Petrolia and Humboldt flooded.									
Kingman County									
Nashville	**20**	**2100CST**			**0**	**0**			**Hail (0.88)**
		2105CST							
Kingman County									
Nashville	**20**	**2159CST**			**0**	**0**			**Hail (0.88)**
Kingman County									
Nashville	**20**	**2201CST**			**0**	**0**			**Hail (1.00)**
Harper County									
Attica	**20**	**2235CST**			**0**	**0**			**Hail (0.75)**
Harper County									
6 N Attica	**20**	**2236CST**			**0**	**0**			**Hail (1.75)**
Kingman County									
St Leo	**20**	**2239CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Harper County									
4 E Attica	**20**	**2253CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Tree limbs downed.									
Harper County									
4 E Anthony	**20**	**2308CST**			**0**	**0**			**Hail (1.75)**
Kingman County									
9 S Cunningham	**20**	**2310CST**			**0**	**0**			**Hail (0.88)**
Sumner County									
Caldwell	**20**	**2345CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Tree limbs downed.									
Harper County									
Attica	**20**	**2346CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G52)**
Falling tree limbs downed power lines.									
Labette County									
Chetopa	**22**	**1115CST**			**0**	**0**			**Flash Flood**
		1455CST							
Slow-moving thunderstorms producing an estimated 5 inches of rain flooded Highway 166 resulting in it's closure for nearly 3 hours.									
Marion County									
3 NE Marion	**25**	**0315CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Russell County									
2 N Bunker Hill	**25**	**0315CST**			**0**	**0**			**Thunderstorm Wind (G56)**
Several large tree limbs downed.									
Montgomery County									
Independence	**27**	**0239CST**			**0**	**0**			**Hail (1.00)**
Montgomery County									
Elk City	**27**	**0240CST**			**0**	**0**			**Thunderstorm Wind (G56)**
Large tree limbs downed.									
Wilson County									
3 W Neodesha	**27**	**0255CST**			**0**	**0**			**Hail (0.75)**
		0300CST							
Harvey County									
4 SE Newton	**28**	**1555CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Large branches downed.									
Reno County									
3 SE Medora	**28**	**1558CST**			**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
KANSAS, Southeast									
Butler County									
Gordon	**28**	**1715CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Sedgwick County									
1 NW Clonmel	**28**	**1721CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Sedgwick County									
3 SW Goddard	**28**	**1723CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G56)**
Large tree with 6 inch diameter limbs blown onto house.									
Sedgwick County									
2 S Goddard	**28**	**1724CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G65)**
Power poles blown over.									
Sedgwick County									
Goddard	**28**	**1724CST**			**0**	**0**			**Thunderstorm Wind (G56) M**
KSN Channel 3.									
Kingman County									
4 SW Spivey	**28**	**1745CST**			**0**	**0**			**Hail (1.00)**
Sumner County									
2 NW Millerton	**28**	**1750CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Kingman County									
3 SW Spivey	**28**	**1800CST**			**0**	**0**			**Hail (0.75)**
Harper County									
5 NW Harper	**28**	**1805CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Harper County									
6 N Attica	**28**	**1815CST**			**0**	**0**			**Hail (1.00)**
Harper County									
4 E Waldron	**28**	**1904CST**			**0**	**0**			**Hail (1.00)**
KANSAS, Southwest									
Stevens County									
4 SE Woods	**01**	**1705CST**			**0**	**0**			**Hail (1.00)**
Finney County									
6 N Garden City	**02**	**1845CST**			**0**	**0**			**Hail (0.75)**
Kearny County									
4 S Lakin	**02**	**1915CST**			**0**	**0**			**Hail (0.75)**
Lane County									
Pendennis	**03**	**1435CST**			**0**	**0**			**Hail (1.25)**
Ness County									
11 W Ness City	**03**	**1437CST**			**0**	**0**			**Hail (0.75)**
Meade County									
3 S Meade	**03**	**1455CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Ten inch limb broken.									
Lane County									
2 N Pendennis	**03**	**1500CST**			**0**	**0**			**Funnel Cloud**
Ness County									
9 SW Ness City	**03**	**1532CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Ness County									
9 SW Ness City	**03**	**1542CST**			**0**	**0**			**Thunderstorm Wind (G56) M**
Ness County									
8 SW Ness City	**03**	**1615CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Clark County									
Acres	**03**	**1642CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Hodgeman County									
10 NW Jetmore	**03**	**1649CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Ness County									
13 SE Ness City	**03**	**1650CST**	**0.1**	**50**	**0**	**0**			**Tornado (F0)**
Lasted 30 seconds.									
Clark County									
Ashland	**03**	**1655CST**			**0**	**0**	**4.5K**		**Thunderstorm Wind**
Roof torn of a 15 x 30 shed and a tree was uprooted.									
Ness County									
10 SE Ness City	**03**	**1706CST**			**0**	**0**			**Hail (1.00)**
Stevens County									
Hugoton	**03**	**1710CST**			**0**	**0**	**1.5K**		**Thunderstorm Wind**
Power poles knocked down.									

Storm Data and Unusual Weather Phenomena

July 2000

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
KANSAS, Southwest									
Stevens County									
7 N Hugoton	**03**	**1717CST**			**0**	**0**			**Thunderstorm Wind (G70)**
Trees knocked down.									
Kearny County									
8 NE Lakin	**03**	**1750CST**			**0**	**0**			**Hail (1.00)**
Comanche County									
6 NW Coldwater	**03**	**1755CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Six inch diameter tree limbs broken.									
Comanche County									
6 NW Coldwater	**03**	**1759CST**			**0**	**0**			**Hail (0.75)**
Kiowa County									
7 SSW Greensburg	**03**	**1800CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Barn destroyed and trees uprooted.									
Haskell County									
18 N Sublette	**03**	**1815CST**			**0**	**0**			**Hail (0.75)**
Meade County									
Meade	**03**	**1817CST**			**0**	**0**			**Hail (0.88)**
Finney County									
9 S Garden City	**03**	**1828CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Finney County									
(Gck)Garden City Arpt	**03**	**1835CST**			**0**	**0**			**Hail (0.88)**
Finney County									
(Gck)Garden City Arpt	**03**	**1835CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Finney County									
(Gck)Garden City Arpt	**03**	**1835CST**			**0**	**0**			**Thunderstorm Wind (G63)** [M]
Finney County									
5 ESE Plymell	**03**	**2105CST**			**0**	**0**			**Hail (0.88)**
Gray County									
7 N Charleston	**03**	**2110CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Three inch diameter limbs down.									
Gray County									
6 NNW Charleston	**03**	**2110CST**			**0**	**0**	**35K**		**Thunderstorm Wind (G69)**
Pivot irrigation sprinkler overturned.									
Hodgeman County									
1 W Jetmore	**03**	**2150CST**			**0**	**0**			**Thunderstorm Wind (G69)**
Stanton County									
Manter	**03**	**1609CST**			**0**	**0**			**Hail (0.88)**
Stanton County									
Manter	**05**	**1609CST**			**0**	**0**			**Hail (0.88)**
Ellis County									
2 E Antonino	**10**	**1735CST**			**0**	**0**			**Hail (0.75)**
Ness County									
9 SW Ness City	**10**	**1831CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Ellis County									
7 N Hays	**10**	**1845CST**			**0**	**0**			**Hail (1.00)**
Ellis County									
7 N Hays	**10**	**1845CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Three inch diameter limbs down.									
Ness County									
5 E Ransom	**10**	**1845CST**			**0**	**0**			**Hail (0.75)**
Scott County									
5 S Scott City	**10**	**2010CST**			**0**	**0**			**Thunderstorm Wind (G53)**
Trego County									
9 WNW Trego Center	**10**	**2016CST**			**0**	**0**			**Hail (0.75)**
Finney County									
5 S Garden City	**10**	**2200CST**			**0**	**0**			**Thunderstorm Wind (G80)**
Twenty five large trees broken or uprooted at the Buffalo Dunes golf course (microburst).									
Seward County									
13 E Liberal	**11**	**1836CST**			**0**	**0**			**Hail (1.00)**
Grant County									
7 SSW Ulysses	**12**	**0650CST**			**0**	**0**			**Hail (1.00)**
Hail covered the ground.									

Storm Data and Unusual Weather Phenomena

July 2000

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
KANSAS, Southwest									
Finney County									
Garden City	**12**	**1810CST**			**0**	**0**			**Thunderstorm Wind (G52)**
NWS employee was on travel status, not off duty.									
Finney County									
Garden City	**12**	**1812CST**			**0**	**0**			**Hail (0.75)**
Finney County									
Garden City	**12**	**1816CST**			**0**	**0**			**Thunderstorm Wind (G63) M**
KSN Weatherlab site.									
Ness County									
4 NE Bazine	**16**	**1325CST**			**0**	**0**			**Thunderstorm Wind (G61) M**
Rush County									
4 S Alexander	**16**	**1350CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Power pole blown down.									
Gray County									
3 S Ensign	**16**	**1522CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Gray County									
3 SSW Ensign	**16**	**1525CST**			**0**	**0**	**3.5K**		**Thunderstorm Wind**
Empty 3000 bushel grain bin was blown across the road.									
Meade County									
11 SSW Meade	**16**	**1530CST**			**0**	**0**	**50K**		**Thunderstorm Wind**
Metal roof panels blown off a building. Pivot irrigation sprinkler was overturned and trees were blown down in the area.									
Meade County									
10 S Meade	**16**	**1730CST**			**0**	**0**	**2.5K**		**Thunderstorm Wind**
Five power poles were blown down.									
Morton County									
5 W Elkhart	**16**	**1855CST**			**0**	**0**			**Hail (0.75)**
Morton County									
5 NNE Elkhart	**16**	**1905CST**			**0**	**0**			**Thunderstorm Wind (G69)**
Roof blown off a chicken house.									
Stanton County									
9 NE Johnson	**17**	**2105CST**			**0**	**0**			**Hail (1.00)**
Grant County									
9 NW Ulysses	**17**	**2125CST**			**0**	**0**			**Hail (0.75)**
Gray County									
23 SW Cimarron	**17**	**2235CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Haskell County									
10 N Tice	**17**	**2240CST**			**0**	**0**			**Hail (0.88)**
Combined with wind, completely stipped the corn.									
Haskell County									
12 N Tice	**17**	**2240CST**			**0**	**0**			**Thunderstorm Wind (G61)**
High wind brought down numerous healthy 2 inch limbs. Fifty percent of the corn in the area was stipped.									
Haskell County									
10 N Tice	**17**	**2240CST**			**0**	**0**			**Thunderstorm Wind (G69)**
Combined with hail, completely stipped the corn.									
Stafford County									
11 NW St John	**18**	**0115CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Stafford County									
St John	**18**	**0115CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Two and three inch diameter limbs blown down.									
Trego County									
11 SW Wakeeney	**18**	**2130CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Trego County									
Collyer	**18**	**2147CST**			**0**	**0**			**Hail (0.75)**
Ellis County									
8 W Hays	**18**	**2240CST**			**0**	**0**			**Thunderstorm Wind (G55) M**
Trego County									
11 SW Wakeeney	**18**	**2130CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Trego County									
Collyer	**18**	**2147CST**			**0**	**0**			**Hail (0.75)**
Ellis County									
8 W Hays	**18**	**2240CST**			**0**	**0**			**Thunderstorm Wind (G55) M**
Kearny County									
15 N Lakin	**19**	**0030CST**			**0**	**0**			**Thunderstorm Wind (G56)**

Storm Data and Unusual Weather Phenomena

July 2000

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
KANSAS, Southwest									
Kearny County									
Deerfield	**19**	**0040CST**			**0**	**0**			**Thunderstorm Wind (G56)**
Kearny County									
5 N Deerfield	**19**	**0044CST**			**0**	**0**			**Hail (0.75)**
Finney County									
Garden City	**19**	**0055CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Finney County									
Garden City	**19**	**0055CST**			**0**	**0**			**Thunderstorm Wind (G55) M**
	KSN weatherlab								
Finney County									
(Gck)Garden City Arpt	**19**	**0106CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Gray County									
8 N Charleston	**19**	**0112CST**			**0**	**0**			**Thunderstorm Wind (G52)**
	Three inch diameter branches blown down.								
Lane County									
4 SW Healy	**19**	**0120CST**			**0**	**0**			**Thunderstorm Wind (G52)**
	Two to four inch diameter branches blown down.								
Edwards County									
Kinsley	**19**	**0330CST**			**0**	**0**			**Thunderstorm Wind (G52)**
	Three inch diameter limbs blown down.								
Morton County									
15 N Elkhart	**19**	**2240CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Trego County									
7 S Collyer	**20**	**0050CST**			**0**	**0**			**Hail (0.75)**
Trego County									
1 NE Trego Center	**20**	**0105CST**			**0**	**0**			**Hail (0.75)**
Ness County									
6 N Bazine	**20**	**0200CST**			**0**	**0**			**Thunderstorm Wind (G52)**
	Three inch branches down.								
Rush County									
3 W Rush Center	**20**	**0225CST**			**0**	**0**			**Hail (1.00)**
Pawnee County									
Larned	**20**	**0241CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
	KSN weatherlab								
Stafford County									
Stafford	**20**	**0326CST**			**0**	**0**			**Hail (0.75)**
Stafford County									
5 N Stafford	**20**	**0326CST**			**0**	**0**			**Thunderstorm Wind (G56)**
Comanche County									
11 SE Coldwater	**20**	**0045CST**			**0**	**0**			**Hail (0.75)**
Stevens County									
Hugoton	**20**	**1930CST**			**0**	**0**			**Thunderstorm Wind (G69)**
	Eight to ten inch diameter limbs blown down								
Pratt County									
7 SE Pratt	**20**	**1940CST**			**0**	**0**			**Hail (0.75)**
Pratt County									
Pratt	**20**	**2019CST**			**0**	**0**			**Hail (0.75)**
Pratt County									
2 N Pratt	**20**	**2024CST**			**0**	**0**			**Hail (1.75)**
Ness County									
1 SW Beeler	**20**	**2025CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Pratt County									
5 SW Cairo	**20**	**2040CST**			**0**	**0**			**Hail (0.75)**
Pratt County									
Byers	**20**	**2043CST**			**0**	**0**			**Hail (0.75)**
Pratt County									
5 SE Pratt	**20**	**2043CST**			**0**	**0**			**Hail (0.75)**
Ness County									
13 S Ness City	**20**	**2045CST**			**0**	**0**			**Hail (1.00)**
Pratt County									
Pratt	**20**	**2100CST**			**0**	**0**			**Hail (0.88)**
Pratt County									
Iuka	**20**	**2101CST**			**0**	**0**			**Hail (1.00)**

Storm Data and Unusual Weather Phenomena

July 2000

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
KANSAS, Southwest									
Ness County									
10 S Ness City	**20**	**2102CST**			**0**	**0**			**Hail (1.00)**
Pratt County									
4 W Pratt	**20**	**2102CST**			**0**	**0**			**Hail (0.88)**
Pratt County									
Pratt	**20**	**2103CST**			**0**	**0**			**Hail (1.00)**
Lane County									
Shields	**20**	**2106CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Stevens County									
4 S Hugoton	**20**	**2108CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Stevens County									
15 E Hugoton	**20**	**2110CST**			**0**	**0**			**Hail (0.75)**
Pratt County									
5 E Pratt	**20**	**2115CST**			**0**	**0**			**Hail (0.88)**
Pratt County									
1 S Pratt	**20**	**2115CST**			**0**	**0**			**Hail (1.25)**
Lane County									
Dighton	**20**	**2116CST**			**0**	**0**			**Thunderstorm Wind (G51)** [M]
	KSN weatherlab								
Ness County									
8 SSE Ness City	**20**	**2116CST**			**0**	**0**			**Hail (0.75)**
Scott County									
16 SE Scott City	**20**	**2120CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Pratt County									
1 S Pratt	**20**	**2122CST**			**0**	**0**			**Hail (1.25)**
Pratt County									
Pratt	**20**	**2122CST**			**0**	**0**			**Hail (1.00)**
Seward County									
5 E Liberal	**20**	**2124CST**			**0**	**0**			**Thunderstorm Wind (G62)**
Seward County									
Liberal	**20**	**2125CST**			**0**	**0**	**150K**		**Thunderstorm Wind**
	Radio tower blown down.								
Pratt County									
2 E Pratt	**20**	**2127CST**			**0**	**0**			**Hail (1.00)**
Pratt County									
Pratt	**20**	**2127CST**			**0**	**0**			**Hail (0.88)**
Stafford County									
2 E Macksville	**20**	**2132CST**			**0**	**0**			**Hail (0.75)**
Stafford County									
Macksville	**20**	**2132CST**			**0**	**0**			**Hail (0.75)**
Finney County									
12 N Kalvesta	**20**	**2135CST**			**0**	**0**			**Hail (1.50)**
Ness County									
1 SW Beeler	**20**	**2135CST**			**0**	**0**			**Hail (0.75)**
Stevens County									
Hugoton	**20**	**2135CST**			**0**	**0**			**Thunderstorm Wind (G62)**
	EIght to ten inch diameter tree limbs blown down. Small building and cattle trailer blown over.								
Hodgeman County									
6 N Hanston	**20**	**2145CST**			**0**	**0**			**Hail (0.88)**
Pawnee County									
10 SW Larned	**20**	**2145CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Edwards County									
Lewis	**20**	**2200CST**			**0**	**0**			**Hail (1.00)**
Rush County									
Alexander	**20**	**2200CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Pratt County									
Byers	**20**	**2205CST**			**0**	**0**			**Hail (1.00)**
Ford County									
9 ESE Spearville	**20**	**2215CST**			**0**	**0**			**Hail (0.75)**
Hodgeman County									
6 N Hanston	**20**	**2215CST**			**0**	**0**			**Hail (0.88)**

Storm Data and Unusual Weather Phenomena

July 2000

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
KANSAS, Southwest									
Pratt County									
2 NW Pratt to	**20**	**2221CST**	**1.6**	**75**	**0**	**0**			**Tornado (F0)**
2 N Pratt		**2225CST**							
Small tornado took a few trees down.									
Seward County									
10 N Liberal	**20**	**2221CST**			**0**	**0**			**Thunderstorm Wind (G62)**
Hodgeman County									
13 SW Jetmore	**20**	**2230CST**			**0**	**0**			**Thunderstorm Wind (G62)**
Two inch diameter tree limbs blown down.									
KSZ030	**Trego**								
	20	**2230CST**			**0**	**0**			**Flood**
The Smoky Hill river was over some low water bridges, west of highway 283.									
Rush County									
Liebenthal	**20**	**2230CST**			**0**	**0**			**Flash Flood**
Water over the banks of a creek and water in low spots in roads. Some water over the roads in the area.									
Pratt County									
3 W Cullison	**20**	**2240CST**			**0**	**0**			**Thunderstorm Wind (G62)**
Pratt County									
7 SE Pratt	**20**	**2247CST**			**0**	**0**			**Thunderstorm Wind (G62)**
Pratt County									
Pratt	**20**	**2250CST**			**0**	**0**			**Flash Flood**
Some street flooding with one foot of water covering some streets.									
Kiowa County									
4 ENE Mullinville	**20**	**2257CST**			**0**	**0**			**Thunderstorm Wind (G56)**
Kiowa County									
6 NNW Mullinville	**20**	**2300CST**			**0**	**0**			**Thunderstorm Wind (G62)**
Pratt County									
1 SE Pratt	**20**	**2300CST**			**0**	**0**			**Thunderstorm Wind (G74)**
Fifteen inch diameter tree limbs blown down.									
Comanche County									
8 NW Coldwater	**20**	**2305CST**			**0**	**0**			**Hail (1.75)**
Comanche County									
4 NNE Coldwater	**20**	**2306CST**			**0**	**0**			**Hail (0.75)**
Comanche County									
2 S Coldwater	**20**	**2310CST**			**0**	**0**			**Hail (1.75)**
At Lake Coldwater.									
Barber County									
13 SSW Lake City	**20**	**2340CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Wind equipment was pegged at 52 knots for 20 minutes. This was as high as it would measure.									
Stafford County									
8 S St John	**22**	**2110CST**			**0**	**0**			**Hail (0.75)**
Pratt County									
3 W Preston	**22**	**2115CST**			**0**	**0**			**Hail (0.88)**
Kearny County									
14 N Deerfield	**22**	**2206CST**			**0**	**0**			**Thunderstorm Wind (G53) M**
Ness County									
6 NW Ness City	**22**	**2215CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Two inch branches broken.									
Finney County									
8 W Friend	**22**	**2218CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Finney County									
10 N Garden City	**22**	**2230CST**			**0**	**0**			**Hail (0.75)**
Finney County									
10 N Garden City	**22**	**2230CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Scott County									
7 S Shallow Water	**22**	**2230CST**			**0**	**0**			**Thunderstorm Wind (G98) M**
Irrigation sprinkler destroyed.									
Kearny County									
Deerfield	**22**	**2232CST**			**0**	**0**			**Thunderstorm Wind (G56) M**
KSN weatherlab									
Finney County									
Garden City	**22**	**2240CST**			**0**	**0**			**Thunderstorm Wind (G65) M**
KSN weatherlab									

Storm Data and Unusual Weather Phenomena

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
KANSAS, Southwest									
Finney County									
Garden City	**22**	**2240CST**			**0**	**0**	**6K**		**Thunderstorm Wind**
Semi blown over.									
Finney County									
(Gck)Garden City Arpt	**22**	**2257CST**			**0**	**0**			**Thunderstorm Wind (G65)**
Haskell County									
Sublette	**22**	**2301CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Grant County									
14 NE Ulysses	**22**	**2305CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Gray County									
5 N Montezuma	**22**	**2308CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Grant County									
Columbian Carbon	**22**	**2311CST**			**0**	**0**			**Thunderstorm Wind (G58) M**
KSN weatherlab									
Finney County									
13 SE Garden City	**22**	**2315CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Two inch branches broken.									
Seward County									
Kismet	**22**	**2330CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Tree blown down.									
Meade County									
Plains	**22**	**2335CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Ford County									
Dodge City	**22**	**2338CST**			**0**	**0**			**Thunderstorm Wind (G57) M**
KSN weatherlab									
Ford County									
Dodge City	**22**	**2338CST**			**0**	**0**			**Thunderstorm Wind (G69) M**
Many power lines and trees blown down.									
Ford County									
1 S Dodge City	**22**	**2345CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Roof partially blown off a house. Trees and two HAM towers blown down.									
Ford County									
Dodge City	**22**	**2350CST**			**0**	**0**			**Thunderstorm Wind (G72) M**
Seward County									
(Lbl)Liberal Arpt	**22**	**2355CST**			**0**	**0**			**Thunderstorm Wind (G50) M**
Ford County									
Dodge City	**23**	**0000CST**			**0**	**0**			**Thunderstorm Wind (G63) M**
KSN weatherlab									
Clark County									
Minneola	**23**	**0005CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Numerous tree branches down.									
Ford County									
13 ESE Dodge City	**23**	**0005CST**			**0**	**0**			**Thunderstorm Wind (G52)**
One inch branches broken.									
Meade County									
7 S Meade	**23**	**0005CST**			**0**	**0**			**Thunderstorm Wind (G69)**
Twelve inch diameter tree blown down.									
Barber County									
6 S Sun City	**23**	**0030CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Kiowa County									
Mullinville	**23**	**0030CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Two inch diameter branches broken.									
Ness County									
3 NW Beeler	**28**	**1732CST**			**0**	**0**			**Hail (1.00)**
Barber County									
3 S Hazelton	**28**	**1930CST**			**0**	**0**			**Thunderstorm Wind (G52)**
KENTUCKY, Central									
Fayette County									
Little Texas	**05**	**1105EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G70)**
Trees were downed. A patio covering was blown off. A roof was blown off a garage.									
Bourbon County									
Millersburg	**10**	**2228EST**			**0**	**0**			**Thunderstorm Wind (G50)**

Storm Data and Unusual Weather Phenomena

July 2000

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
KENTUCKY, Central									
Franklin County									
Frankfort	**10**	**2230EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Fayette County									
Lexington	**10**	**2235EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Woodford County									
Versailles	**10**	**2240EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Clark County									
Winchester	**10**	**2250EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Jessamine County									
Keene	**10**	**2305EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Numerous trees and power lines around East Central Kentucky were downed by thunderstorm winds.									
Adair County									
Glens Fork	**11**	**1750EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Butler County									
Quality	**11**	**1815EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Warren County									
Richardsville	**11**	**1832EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Warren County									
2 NE Bowling Green	**11**	**1840EST**			**0**	**0**			**Thunderstorm Wind (G90)**
Clinton County									
Albany	**11**	**1850EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Warren County									
Sunnyside	**11**	**1900EST**			**0**	**0**	**3K**		**Thunderstorm Wind (G60)**
Warren County									
Smiths Grove	**11**	**1915EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Barren County									
Lucas	**11**	**1935EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Barren County									
3 S Glasgow	**11**	**1950EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Metcalfe County									
Summer Shade	**11**	**2025EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds downed numerous trees and power lines across South Central Kentucky. Power was out for a time in the Bowling Green and Glasgow areas. Power poles were snapped in half near Bowling Green. At Sunnyside in Warren county, a roof was blown off a mobile home.									
Nicholas County									
Carlisle	**14**	**1625EST**			**0**	**0**			**Hail (0.75)**
Nicholas County									
Moorefield	**14**	**1705EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G70)**
Thunderstorm winds blew the windows out of a building.									
Madison County									
Waco	**14**	**1815EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees were downed by thunderstorm winds.									
Cumberland County									
Countywide	**27**	**2300EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Numerous trees were downed countywide by thunderstorm winds.									
Allen County									
Amos	**29**	**1425EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Monroe County									
Gamaliel	**29**	**1435EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Monroe County									
Cyclone	**29**	**1510EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Monroe County									
Rockbridge	**29**	**1510EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Monroe County									
Mt Herman	**29**	**1515EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Cumberland County									
Burkesville	**29**	**1527EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Russell County									
Russell Spgs	**29**	**1530EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Russell County									
2 E Jamestown	**29**	**1540EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Adair County									
Breeding	**29**	**1550EST**			**0**	**0**			**Thunderstorm Wind (G50)**

Storm Data and Unusual Weather Phenomena

July 2000

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
KENTUCKY, Central									
Casey County									
Yosemite	**29**	**1555EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Lincoln County									
Crab Orchard	**29**	**1555EST**			**0**	**0**			**Hail (0.75)**
Russell County									
Russell Spgs	**29**	**1600EST**			**0**	**0**			**Hail (0.75)**
Thunderstorm winds downed trees and power lines across much of South Central Kentucky. Dime size hail was also produced by these storms.									
Casey County									
Dunnville	**30**	**1730EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Monroe County									
Flippin	**30**	**1750EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees were downed by thunderstorm winds.									
Cumberland County									
Burkesville	**31**	**2045EST**			**0**	**0**			**Flash Flood**
		2145EST							
Main Street in Burkesville was flooded.									
KENTUCKY, Eastern									
Fleming County									
Craintown	**03**	**1715EST**			**0**	**0**	**5K**	**0**	**Thunderstorm Wind**
A barn was blown down by strong winds associated with a severe thunderstorm.									
Owsley County									
Booneville	**03**	**2230EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Trees down.									
Morgan County									
5 E West Liberty	**05**	**1353EST**			**0**	**0**	**0**	**0**	**Flash Flood**
		1600EST							
Water covered Route 1014 at Cow Branch to a depth of 2 to 3 feet.									
Pike County									
Meta	**05**	**1425EST**			**0**	**0**	**0**	**0**	**Flash Flood**
		1700EST							
Water covered US-119 near Meta to a depth of 2 feet.									
Magoffin County									
3 E Salyersville	**05**	**1437EST**			**0**	**0**	**0**	**0**	**Flash Flood**
		2330EST							
Heavy rains caused creeks and streams to flow over Route 40 closing the road for several hours northeast of Salyersville. State Route 220 was also flooded during the heavy rains.									
Floyd County									
Countywide	**05**	**1445EST**			**0**	**0**	**8K**	**0**	**Flash Flood**
		1800EST							
Flash flooding caused water to cross KY Route 1427 at Abott Creek, an access road to a subdivision was washed out. High water closed North Lake Drive in Prestonsburg. High water also entered several homes causing minor damage.									
Johnson County									
Countywide	**05**	**1445EST**			**0**	**0**	**5K**	**0**	**Flash Flood**
		1800EST							
Flash flooding prompted the rescue of a small child from rising waters on Davis Branch road near Route 1107, no injuries were reported. 30 to 40 homes were evacuated across numerous parts of the county. Many roads were closed or damaged by the flood waters.									
Leslie County									
Hyden	**05**	**1730EST**			**0**	**0**	**5K**	**0**	**Flash Flood**
		1930EST							
Flash flooding caused Pebble Creek Drive to be completely washed out.									
Harlan County									
Evarts	**05**	**1745EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Trees down.									
Martin County									
Countywide	**05**	**1745EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
		2100EST							
Heavy rains caused several mudslides around the county.									
Perry County									
8 NW Hazard	**05**	**1755EST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind**
Trees and power lines down.									

Storm Data and Unusual Weather Phenomena

July 2000

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
KENTUCKY, Eastern									
Pike County									
Meta	**05**	**1800EST**			**0**	**0**	**0**	**0**	**Flash Flood**
		2030EST							
Heavy rains produced flooding across State Route 881. The road was closed for nearly 2 hours.									
Perry County									
Krypton	**05**	**1815EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
		2000EST							
Heavy rains produced a mudslide on Highway 451. Mud and trees had to be cleared from the roadway.									
Perry County									
1 E Chavies	**05**	**1815EST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind**
Thunderstorm winds brought trees down onto power lines near Highway 28 on Grapevine Road.									
Estill County									
Jinks	**05**	**1820EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
		2000EST							
Heavy rains caused several creeks to go out of their banks.									
Harlan County									
Evarts	**05**	**1840EST**			**0**	**0**	**0**	**0**	**Flash Flood**
		2200EST							
Flash flooding caused water to flow over KY Highway 215 to the depth of 2 feet. The road was closed until the water subsided.									
Pike County									
Countywide	**05**	**1854EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
Heavy rains caused mudslides across several areas in the county.									
Jackson County									
6 NW Mc Kee	**06**	**1735EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Strong winds brought several trees down.									
Martin County									
3 NE Inez	**10**	**1415EST**			**0**	**0**	**3K**	**0**	**Thunderstorm Wind**
Severe thunderstorm winds produced an 80 foot wide swath of tree damage.									
Martin County									
3 N Inez	**10**	**1711EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Martin County									
Job	**10**	**1711EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Fleming County									
Dalesburg	**10**	**2028EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Trees down.									
Fleming County									
Beechburg	**10**	**2100EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Numerous trees down.									
Rowan County									
Morehead	**10**	**2135EST**			**0**	**0**	**4K**	**0**	**Thunderstorm Wind**
Trees and power poles down across northern part of county.									
Fleming County									
Cowan	**10**	**2139EST**			**0**	**0**	**3K**	**0**	**Thunderstorm Wind**
Power poles and lines down due to strong winds.									
Bath County									
8 NE Owingsville	**10**	**2200EST**			**0**	**0**	**5K**	**0**	**Thunderstorm Wind**
Barn destroyed along KY 11. Numerous trees and power lines down between Sharpsburg and Bethel.									
Bath County									
Zilpo	**10**	**2200EST**			**0**	**1**	**3K**	**0**	**Thunderstorm Wind**
Tree fell on a woman and cars were damaged by downed trees at the Zilpo Campground.									
Morgan County									
West Liberty	**10**	**2210EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Morgan County									
Dehart	**10**	**2220EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Trees down.									
Morgan County									
Malone	**10**	**2220EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Trees down.									
Rowan County									
Morehead	**10**	**2230EST**			**0**	**0**	**3K**	**0**	**Thunderstorm Wind**
Trees and power lines down.									
Rowan County									
3 SE Morehead	**10**	**2230EST**			**0**	**0**	**10K**	**0**	**Flash Flood**

Storm Data and Unusual Weather Phenomena

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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
KENTUCKY, Eastern									
	Flash flooding washed out road at Nickel's Branch. Residents of two trailers evacuated by rescue squad, no injuries reported. First floor of city office building flooded.								
Montgomery County									
Mt Sterling	**10**	**2232EST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind**
	Trees and power lines down.								
Magoffin County									
Mason	**10**	**2258EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Trees down.								
Powell County									
Clay City	**10**	**2300EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	One tree and several large limbs down.								
Breathitt County									
3 S Lambric	**10**	**2300EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Ten inch diameter tree down.								
Pike County									
Mc Carr	**11**	**0850EST** **0930EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
	Mudslide threatened seven homes. Four inches of water over road near Bevins Grade School.								
Owsley County									
Sturgeon	**11**	**1250EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Numerous large tree limbs down on KY 1503 between Island City and Sturgeon.								
Owsley County									
Island City	**11**	**1250EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Laurel County									
Blackwater	**11**	**1345EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	One tree down.								
Laurel County									
East Bernstadt	**11**	**1345EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Several trees down.								
Laurel County									
5 SE London	**11**	**1355EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Clay County									
Manchester	**11**	**1420EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Leslie County									
Warbranch	**11**	**1430EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Trees down.								
Wayne County									
Steubenville	**11**	**1545EST**			**0**	**0**	**10K**	**0**	**Thunderstorm Wind**
	Strong winds damaged roof of Methodist Church in Steubenville on KY 3106.								
Pulaski County									
Nancy	**11**	**1615EST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind**
	Trees and power lines down.								
Pulaski County									
Nancy	**11**	**1615EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Trees Down.								
Pulaski County									
Somerset	**11**	**1635EST**			**0**	**0**	**3K**	**0**	**Thunderstorm Wind**
	Trees and power lines down.								
Pike County									
2 W Gulnare	**11**	**1800EST** **1900EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
	Heavy rains caused creeks to overflow their banks, causing minor road damage and mudslides.								
Floyd County									
Arkansas to Martin	**11**	**2115EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
	Heavy rains caused shallow water over KY 122.								
Estill County									
Witt Spgs	**11**	**2310EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Trees down.								
Breathitt County									
Taulbee	**13**	**0600EST** **0930EST**			**0**	**0**	**0**	**0**	**Flash Flood**
	Heavy rains caused flooding of several creeks in the area. Water was over the bridges on Hunting Creek and Frozen Creek was well out of its banks putting water waist high in several barns.								

Storm Data and Unusual Weather Phenomena

July 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
KENTUCKY, Eastern									
Letcher County									
Mayking	**13**	**0940EST** **1200EST**			**0**	**0**	**0**	**0**	**Flash Flood**
Heavy rains produced flooding in the Kona and Mayking areas. Law enforcement had to respond to several water rescues, no injuries were reported. Water was over Route 3401 and several back roads were flooded near Colly.									
Pike County									
South Portion	**13**	**1038EST** **1200EST**			**0**	**0**	**0**	**0**	**Flash Flood**
Heavy rains caused Jessie Fork to go out of its banks and put the bridge in that location under water.									
Bath County									
Bethel	**14**	**1634EST**			**0**	**0**	**0**	**0**	**Hail (1.00)**
Fleming County									
Hillsboro	**14**	**1634EST**			**0**	**0**	**0**	**0**	**Hail (1.00)**
1 inch diameter hail reported near Hillsboro.									
Fleming County									
Flemingsburg	**14**	**1709EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Large tree limbs down near KY 11 and 111.									
Bath County									
Owingsville	**14**	**1720EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Bath County									
Countywide	**14**	**1720EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Trees down.									
Montgomery County									
Jeffersonville	**14**	**1723EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Montgomery County									
Mt Sterling	**14**	**1730EST**			**0**	**0**	**0**	**0**	**Hail (1.50)**
Morgan County									
West Liberty	**14**	**1730EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Trees down.									
Morgan County									
West Liberty	**14**	**1740EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Trees down.									
Rowan County									
Morehead	**14**	**1745EST**			**0**	**0**	**15K**	**0**	**Thunderstorm Wind**
Strong winds flipped over a recreational vehicle and moved a building off of its foundation.									
Menifee County									
Big Woods	**14**	**1800EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Trees reported down on KY 1693.									
Breathitt County									
2 N Vancleve	**14**	**1807EST**			**0**	**0**	**0**	**0**	**Hail (1.00)**
Estimated 60 mph wind gusts were reported.									
Wolfe County									
Flat	**14**	**1810EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Morgan County									
Ezel to Nickell	**14**	**1815EST**			**0**	**0**	**110K**	**0**	**Thunderstorm Wind**
Straight line wind damage associated with a severe thunderstorm produced a path of damage approximately 9 miles long and 4 miles wide. Massive amounts of tree damage occurred all of which was lying in a southeastward direction. One mobile home received roof damage when a large pine tree fell onto the home. Barns and out buildings also received minor damage to the roof tin. Several cars received major damage as trees fell upon them.									
Magoffin County									
3 SW Salyersville	**14**	**1830EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Trees down.									
Lee County									
Countywide	**14**	**1830EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Menifee County									
Denniston	**14**	**1830EST** **1930EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
Heavy rains associated with the thunderstorm caused creeks to overflow their banks.									
Breathitt County									
12 SW Jackson	**14**	**1840EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Trees down.									
Knott County									
Hindman	**14**	**1855EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**

Storm Data and Unusual Weather Phenomena

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
KENTUCKY, Eastern									
	Trees down.								
Estill County									
1 S Witt	**14**	**1900EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Trees down.								
Jackson County									
Annville	**14**	**1900EST**	**1**	**300**	**0**	**1**	**500K**	**0**	**Tornado (F1)**
		1920EST							
	Many structures received damage in the town of Annville. Four homes were destroyed and termed totaled. The tornado blew a tied down mobile home off its foundation then down a hill. A 38 year old female that was inside received serious injuries, the family pet was killed. Several other mobile homes were moved off their foundations 2 to 3 feet and one lost the roof. Several bricked and framed homes received moderate roof damage and two homes had their garages blown away. The green roof cafe received serious damage as 13 customers and employees took refuge in the bathrooms. Numerous trees were also uprooted in the path. Approximately 85 percent of all occupants impacted by the storm were insured.								
Perry County									
Ary	**14**	**1910EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Numerous trees reported down.								
Jackson County									
Mc Kee	**14**	**1914EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Knott County									
Hindman	**14**	**1920EST**			**0**	**0**	**0**	**0**	**Flash Flood**
	Heavy rains caused water to cross Route 80 at a depth of 2 to 3 feet. Mudslides and rockslides were also reported in the area.								
Breathitt County									
1 N Stevenson	**14**	**1930EST**			**0**	**0**	**5K**	**0**	**Flash Flood**
		2100EST							
	Flood waters entered several homes along Highway 2466.								
Perry County									
2 SW Stacy	**14**	**1930EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
	Minor flooding was reported along Lost Creek Road.								
Perry County									
Cornettsville	**14**	**1940EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Leslie County									
Shoal	**14**	**1940EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	3 inch diameter tree down near Shoal.								
Breathitt County									
Turkey	**14**	**1940EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
		2130EST							
	Terry Creek was reported out of its banks from the heavy rains.								
Perry County									
3 E Hazard	**14**	**1940EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Large tree downed by strong winds.								
Leslie County									
2 W Hyden	**14**	**2000EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
		2100EST							
	Mudslides reported on Bull Creek Road.								
Harlan County									
Putney	**14**	**2000EST**			**0**	**0**	**0**	**0**	**Urban/Sml Stream Fld**
		2100EST							
	Mudslide reported near Putney.								
Leslie County									
2 W Hyden	**14**	**2000EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Trees down.								
Letcher County									
Countywide	**14**	**2030EST**			**0**	**0**	**300K**	**0**	**Flash Flood**
		2330EST							
	Flash flooding caused significant damage to 20 roads and at least 18 bridges. Six of the damaged bridges were deemed unusable. 15 to 20 homes received water damage and two were evacuated.								
Bell County									
Pineville	**14**	**2050EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Trees down.								
Rockcastle County									
2 NW Disputanta	**14**	**2102EST**			**0**	**0**	**0**	**0**	**Hail (0.88)**
Laurel County									
London	**14**	**2135EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
	Trees down.								

Storm Data and Unusual Weather Phenomena

July 2000

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
KENTUCKY, Eastern									
Pike County									
1 SE Fedscreek	**28**	**0230EST**			**0**	**0**	**0**	**0**	**Hail (1.00)**
		0240EST							
Nickel to quarter size hail observed for ten minutes at Fedscreek Grocery Store.									
Morgan County									
7 W West Liberty	**28**	**1220EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Breathitt County									
10 SE Jackson	**28**	**1250EST**			**0**	**0**	**0**	**0**	**Hail (1.00)**
Pulaski County									
Nancy	**29**	**1630EST**			**0**	**0**	**7K**	**0**	**Thunderstorm Wind**
		1700EST							
A mobile home was overturned and porch blown off of home by high winds off KY 80 at Nancy. Telephone poles and trees down just north of Burnside.									
Laurel County									
Countywide	**29**	**1710EST**			**0**	**0**	**3K**	**0**	**Thunderstorm Wind**
Trees and power lines down.									
Clay County									
3 W Manchester	**29**	**1800EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
One tree down.									
Magoffin County									
7 NE Salyersville	**29**	**1815EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
3 trees down across Literal Fork Road.									
Pike County									
3 S Burnwell	**29**	**1930EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind**
Trees down at Narrow's Branch. One tree with a reported 5 to 5 1/2 foot diameter. Large road signs down.									
KENTUCKY, Northeast									
Boyd County									
Rush to	**04**	**1550EST**			**0**	**0**	**100K**		**Flash Flood**
2 N Boltsfork		**1700EST**							
In the muggy air, south of a frontal zone, surface dew points were near 75 degrees. Rains rates estimated at 1.5 to 2 inches in an hour, with 2 to 4 inches in less than 3 hours flooded the small streams. Some of the streams affected include Rush Branch, Long Branch, Clays Jack Fork, and Pigeon Roost. Three homes had moderate damage and 20 homes sustained minor water damage. Water covered some roads to a depth of 2 to 4 feet. Boyd County Judge Scott declared a local state of emergency. One section of a small bridge on Clays Jack Fork was damaged. No injuries occurred.									
Carter County									
3 NE Williams Creek to	**04**	**1550EST**			**0**	**0**	**2K**		**Flash Flood**
3 SE Williams Creek		**1700EST**							
Headwater streams along the Boyd County line flooded, with minor damage to culverts.									
Boyd County									
Catlettsburg	**10**	**2015EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
A few trees and several large branches were blown down.									
Greenup County									
South Shore	**28**	**1239EST**			**0**	**0**			**Hail (0.75)**
Carter County									
Soldier	**29**	**1800EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
A few trees and large branches were blown down along Route 174.									
Lawrence County									
Louisa	**31**	**0930EST**			**0**	**0**	**40K**		**Flash Flood**
		1045EST							
Streams and culverts flooded streets when 1 to 2 inches of rain fell in less than 2 hours on saturated ground. A few vehicles were submerged.									
KENTUCKY, Northern									
Owen County									
2 W Owenton	**06**	**1430EST**			**0**	**0**	**10K**		**Thunderstorm Wind (G50)**
		1435EST							
Strong winds knocked down numerous trees and destroyed a metal shed.									
Pendleton County									
1 S Carntown	**10**	**1848EST**			**0**	**0**			**Hail (1.00)**
		1850EST							
Bracken County									
Brooksville	**10**	**1915EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
		1925EST							
Numerous trees knocked down.									

Storm Data and Unusual Weather Phenomena

July 2000

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
KENTUCKY, Northern									
Kenton County									
Countywide	**10**	**2045EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
		2055EST							
	Trees downed across the county.								
Carroll County									
Eagle Station	**10**	**2115EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
		2120EST							
	Numerous trees downed.								
Owen County									
1 NW Wheatley	**10**	**2120EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
		2125EST							
	Numerous trees knocked down.								
Owen County									
Monterey	**10**	**2145EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
		2150EST							
	Trees downed.								
Bracken County									
Augusta to	**14**	**1550EST**			**0**	**0**	**100K**		**Thunderstorm Wind (G60)**
10 S Augusta		**1610EST**							
	A supercell tracked across the county causing significant damage. Roofs were blown off a barn and a restaurant. Between 50 and 100 trees were blown down between Augusta and Germantown, which is on the border of Mason county.								
Pendleton County									
Peach Grove	**14**	**1550EST**			**0**	**0**			**Hail (1.75)**
		1554EST							
Mason County									
2 SW Minerva to	**14**	**1600EST**			**0**	**0**	**150K**		**Thunderstorm Wind (G60)**
Maysville		**1615EST**							
	A supercell tracked across the county causing significant damage. Numerous trees were knocked down around Minerva, trees were downed and a barn roof was blown off in Washington, and trees and power lines were downed in Maysville. Roofs were also blown off houses in Maysville.								
Mason County									
Lewisburg	**14**	**1635EST**			**0**	**0**			**Hail (0.75)**
		1640EST							
Bracken County									
Milford	**26**	**1415EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
		1420EST							
	Numerous trees knocked down.								
KENTUCKY, Southwest									
Crittenden County									
3 WNW Marion to	**19**	**0050CST**			**0**	**0**	**70K**		**Thunderstorm Wind**
3 ESE Marion		**0059CST**							
	Numerous trees and power lines were blown down in the Marion area. The damage path, which was a few miles wide, extended from west to east across central portions of Crittenden County. Some roads were blocked by fallen trees. Windows were blown out of an attorney's office in Marion. A metal shed was blown across a yard.								
Crittenden County									
Marion	**19**	**0115CST**			**0**	**0**	**40K**		**Flash Flood**
		0300CST							
	Thunderstorm rains estimated in excess of 2 inches per hour caused major road flooding in and around Marion. Roads were impassable to small vehicles due to high water. In Marion, over a foot of water on the main street flooded out a police cruiser responding to an alarm. A utility truck reported 2 feet of water over a road on the south end of Marion that doesn't normally flood.								
Todd County									
Guthrie	**19**	**0245CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
	Several trees were blown down on the southeast side of Guthrie, near the Tennessee state line. Tin was blown off a barn.								
Henderson County									
Henderson	**28**	**0300CST**			**0**	**0**	**10K**		**Lightning**
	Lightning struck a maple tree in a residential area, sending large limbs falling across a fence and swimming pool. Lightning struck an electrical transformer in the same area, causing a power outage to 30 or 40 residents.								
Mccracken County									
Paducah	**29**	**1000CST**			**0**	**0**			**Urban/Sml Stream Fld**
		1200CST							

Storm Data and Unusual Weather Phenomena

July 2000

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

KENTUCKY, Southwest

Several road closures were necessary in Paducah due to heavy rain. The normally flood-prone areas on Buckner Lane and Jackson Street were closed. The flooding was caused by an east-west band of thunderstorms that moved east over Paducah for several hours. At the National Weather Service office at Barkley Field, near Paducah, about 4 inches of rain fell between 6 A.M. and noon. Until this heavy rain event, it appeared Paducah was on track for one of its driest Julys on record. The rain was much-needed and soaked into the ground unusually quickly.

Mccracken County

Reidland	**30**	**1330CST** **1415CST**		**0**	**0**			**Flash Flood**

Thunderstorms with heavy rain moved over an area that was inundated with 3 to 4 inches of rain the previous day. Rainfall of one to 1.5 inches in an hour caused ditches to overflow.

Daviess County

Owensboro	**31**	**1430CST** **1630CST**		**0**	**0**			**Urban/Sml Stream Fld**

The usual flood-prone areas experienced minor to moderate flooding. Flooding was reported at Queensway Road and Louis Lane. Downtown, the area of West Second Street in front of the Executive Inn flooded, bringing traffic to nearly a standstill. Between 2 and 2.5 inches of rain fell in some rain gages in just over an hour.

Daviess County

Owensboro	**31**	**1430CST**		**0**	**0**	**10K**		**Lightning**

Two structure fires in Daviess County were blamed on lightning. Several hundred customers lost power when lightning struck a tree limb, sending it onto a power line.

LOUISIANA, Northeast

Tensas Parish

New Light to 6 E New Light	**13**	**1810CST**		**0**	**0**	**2K**		**Thunderstorm Wind**

Several trees were blown down and caused some minor damage.

Concordia Parish

Countywide	**21**	**1335CST**		**0**	**0**	**5K**		**Thunderstorm Wind**

Several trees were blown down and caused minor damage to a few structures.

Morehouse Parish

3 SE Bastrop	**22**	**1300CST**		**0**	**0**	**2K**		**Thunderstorm Wind**

Several trees were blown down and caused minor damage.

Catahoula Parish

Sicily Is	**22**	**1410CST**		**0**	**0**	**4K**		**Thunderstorm Wind**

Many trees were blown down and caused some minor damage.

LOUISIANA, Northwest

LAZ001 **Caddo**

	14 **22**	**0000CST** **2359CST**		**5**	**0**			**Excessive Heat**

M77PH, F62PH, M78PH, M43PH, M67PH

LAZ005 **Lincoln**

	18	**1800CST**		**2**	**0**			**Excessive Heat**

F75PH, F83PH

LAZ014 **Ouachita**

	19	**1700CST**		**1**	**0**			**Excessive Heat**

F85PH

La Salle Parish

1 N Olla	**21**	**1450CST**		**0**	**0**			**Thunderstorm Wind (G52)**

Several large trees and power lines down.

Winn Parish

1 W Dodson	**21**	**1900CST**		**0**	**0**			**Hail (0.75)**

Jackson Parish

5 W Chatham	**21**	**1915CST**		**0**	**0**			**Hail (0.75)**

Jackson Parish

Eros	**21**	**1920CST**		**0**	**0**			**Hail (0.75)**

Winn Parish

15 N Winnfield	**21**	**1915CST**		**0**	**0**			**Thunderstorm Wind (G52)**

Numerous trees and power lines down.

Ouachita Parish

West Monroe	**21**	**1930CST**		**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
LOUISIANA, Northwest									
Caddo Parish									
Shreveport	**29**	**2000CST**			**0**	**0**	**6K**		**Lightning**
A lightning bolt hit a home in the 6300 block of Kenwood Drive leaving two large holes in the roof during widespread evening thunderstorms that brought the first rain to the area in almost a month.									
LOUISIANA, Southeast									
St. Tammany Parish									
Slidell	**01**	**1615CST**			**0**	**0**			**Lightning**
A lightning strike caused a tree to fall.									
Tangipahoa Parish									
Hammond	**09**	**1400CST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
A few trees were knocked down.									
St. Tammany Parish									
Lacombe	**14**	**1530CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Several trees and large tree limbs blown down.									
Orleans Parish									
New Orleans	**14**	**1630CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
A few trees were blown down in eastern New Orleans.									
St. Bernard Parish									
Chalmette	**14**	**1635CST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
A few trees were blown down.									
St. Bernard Parish									
Arabi	**14**	**1645CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
A tree was knocked down.									
LAZ062	**Orleans**								
	16	**1532CST**			**1**	**0**			**Excessive Heat**
A New Orleans man was found dead in his home as a result of excessive heat. M97PH									
LAZ062	**Orleans**								
	16	**1549CST**			**1**	**0**			**Excessive Heat**
A New Orleans man was dicovered dead in his home as a result of excessive heat. M98PH									
Plaquemines Parish									
Boothville	**16**	**2120CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
The metal roof of a mobile home was peeled off.									
Plaquemines Parish									
Empire	**18**	**1415CST**	**0.1**	**20**	**0**	**0**	**1K**		**Tornado (F0)**
A small tornado blew down trees and power lines along Highway 23.									
Plaquemines Parish									
Port Sulphur	**18**	**1425CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Power lines were knocked down over a trailer.									
Jefferson Parish									
Marrero	**18**	**1430CST**			**1**	**0**			**Lightning**
A man was killed while working under a pickup truck when lightning struck a tree next to the truck. M52VE									
St. Tammany Parish									
Covington	**21**	**1450CST**			**0**	**0**			**Hail (1.00)**
St. Tammany Parish									
Covington	**21**	**1450CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Several large trees and large trees branches were downed by thunderstorm wind gusts.									
St. Tammany Parish									
Abita Spgs	**21**	**1455CST**			**0**	**0**			**Hail (0.75)**
St. Tammany Parish									
Mandeville	**21**	**1455CST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
A few trees were blown down near Highway 190 and St. Ann Drive.									
East Feliciana Parish									
Clinton	**22**	**1500CST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
A few trees were knocked down.									
Tangipahoa Parish									
Kentwood	**22**	**1530CST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
A few trees were blown down along Wyandotte Road.									
Tangipahoa Parish									
Ponchatoula	**22**	**1741CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
A weak tornado briefly touched down causing no damage.									

Storm Data and Unusual Weather Phenomena

July 2000

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
LOUISIANA, Southeast									
St. Tammany Parish									
3 ESE Slidell	**22**	**1755CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
A weak tornado was sighted to the east southeast of Slidell. No damage occurred.									
Tangipahoa Parish									
Robert	**22**	**1805CST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
Trees were knocked down one mile north of Highway 190.									
St. Tammany Parish									
Covington	**22**	**1818CST**			**0**	**0**			**Hail (0.75)**
Tangipahoa Parish									
Ponchatoula	**22**	**1821CST** **1838CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Several trees were blown down.									
Jefferson Parish									
Kenner	**22**	**1905CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
A bare steel metal frame on a construction site partially collapsed.									
Plaquemines Parish									
Belle Chasse	**22**	**1909CST**			**0**	**0**	**1.5K**		**Thunderstorm Wind**
Many trees were blown down and windows knocked out.									
Plaquemines Parish									
8 S Empire	**22**	**1920CST**			**0**	**0**	**15K**		**Thunderstorm Wind**
Two boats sunk and camp sites destroyed by thunderstorm winds on a small island in Shell Island Bay. The Sheriff's office rescued 7 people during the storm.									
Orleans Parish									
New Orleans	**22**	**1930CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Thunderstorm wind gusts downed large tree limbs and caused power loss to ten to fifteen thousand electric power customers.									
East Baton Rouge Parish									
Baton Rouge	**23**	**0200CST**			**0**	**0**	**1.5K**		**Thunderstorm Wind**
Thunderstorm winds blew down numerous trees and tree limbs which knocked down many power lines resulting in 45,000 customers losing electricity.									
Livingston Parish									
Watson	**23**	**0200CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Power lines were blown down.									
West Baton Rouge Parish									
Brusly	**23**	**0245CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Thunderstorm winds damaged trees and knocked out power.									
Ascension Parish									
Countywide	**23**	**0324CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees were blown down across the parish including a tree that fell on a trailer.									
Ascension Parish									
Donaldsonville	**23**	**0343CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Tangipahoa Parish									
Amite	**27**	**1500CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Several trees were blown down.									
Pointe Coupee Parish									
2 W New Roads	**27**	**1540CST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
A few trees were blown down.									
Pointe Coupee Parish									
New Roads	**27**	**1540CST**			**0**	**0**			**Hail (0.75)**
Tangipahoa Parish									
Hammond	**30**	**1500CST**			**0**	**0**	**1K**		**Lightning**
The exterior of a house was set on fire by a lightning strike.									
LOUISIANA, Southwest									
Iberia Parish									
New Iberia	**08**	**1746CST**			**0**	**0**	**15K**		**Lightning**
A small house was struck by lightning and caught fire, destroying it. A tree nearby was also on fire, and people in the neighboring house said they felt their hair stand on end when the lightning struck.									
Acadia Parish									
Rayne	**08**	**1815CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Trees blown down and carports damaged from high winds.									
Lafayette Parish									
Lafayette	**09**	**1230CST**			**0**	**0**	**150K**		**Thunderstorm Wind**

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
LOUISIANA, Southwest									
Trees and power lines were blown down across Lafayette, crushing a car and damaging a one bedroom apartment on the second story of an apartment building. A garage was also severely damaged when a tree fell on it.									
Rapides Parish									
Pineville	**14**	**1532CST**			**0**	**0**	**40K**		**Thunderstorm Wind**
Four homes were damaged as several trees and power lines were downed.									
St. Mary Parish									
Patterson	**22**	**2310CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees and power lines were downed from Patterson to Morgan City.									
St. Landry Parish									
Palmetto	**23**	**0130CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees blown down.									
Avoyelles Parish									
Plaucheville	**23**	**0415CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees and power lines downed.									
Beauregard Parish									
Longville	**23**	**1225CST**			**0**	**0**			**Hail (0.75)**
Calcasieu Parish									
15 N Sulphur	**23**	**1245CST**			**0**	**0**			**Hail (0.75)**
Calcasieu Parish									
8 S Lake Charles	**23**	**1330CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees blown down south of Lake Charles.									
Iberia Parish									
Avery Is	**23**	**1355CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Many trees downed.									
Cameron Parish									
Hackberry	**23**	**1400CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Marine pilot reported 50 kt wind gust in the ship channel near Hackberry.									
Cameron Parish									
10 E Cameron	**23**	**1415CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Electric pole blown down in Oak Grove.									
St. Mary Parish									
Charenton	**30**	**1330CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Oak trees were blown down, windows broken and trailer blown off its blocks.									
Jefferson Davis Parish									
1 E Welsh	**30**	**1700CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees and power lines downed along Highway 90.									
Acadia Parish									
Evangeline	**30**	**1730CST**			**0**	**0**	**50K**		**Lightning**
Two missionaries lost their home due to a lightning strike.									
MAINE, North									
Hancock County									
Stonington	**04**	**2230EST**			**1**	**0**			**Lightning**
M19OU									
Penobscot County									
East Corinth	**07**	**1836EST**			**0**	**0**			**Hail (0.75)**
Penobscot County									
5 W Millinocket	**14**	**1515EST**			**0**	**0**			**Hail (0.75)**
Aroostook County									
Ludlow	**18**	**1730EST**			**0**	**0**			**Thunderstorm Wind (G56)**
Several trees were toppled on to Ludlow Road.									
Aroostook County									
2 W Houlton	**18**	**1730EST**			**0**	**0**			**Thunderstorm Wind (G56)**
Several large trees were uprooted and toppled.									
Aroostook County									
1 W Houlton	**18**	**1733EST**			**0**	**0**			**Thunderstorm Wind (G56)**
A large tree was uprooted and toppled...with several other trees losing large limbs in a cemetary. Several headstones were also toppled and a large wooden perimeter fence was blown over at the cemetary.									
Aroostook County									
Houlton	**18**	**1735EST**			**0**	**0**			**Thunderstorm Wind (G56)**

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

MAINE, North

Several large trees were uprooted and toppled across town and numerous branches were also broken off. Some of the trees and branches fell across powerlines.

MAINE, South

Cumberland County

Gray	**03**	**1800EST**			**0**	**0**			**Lightning**

A lightning strike knocked out the regional communications center of the Maine State Police in Gray at about 7 pm. Radio service to the center was partially restored by about 10 pm.

Cumberland County

Bridgton	**04**	**2000EST**			**0**	**1**			**Thunderstorm Wind (G50)**

Cumberland County

Harrison to	**04**	**2005EST**			**0**	**0**			**Thunderstorm Wind (G73) M**
Naples		**2010EST**							

Oxford County

Otisfield	**04**	**2018EST**			**0**	**0**	**30K**		**Thunderstorm Wind (G50)**

Androscoggin County

Mechanic Falls	**04**	**2020EST**			**0**	**0**			**Thunderstorm Wind (G50)**

Androscoggin County

Poland	**04**	**2023EST**			**0**	**0**			**Thunderstorm Wind (G50)**

Sagadahoc County

Topsham	**04**	**2100EST**			**0**	**0**			**Thunderstorm Wind (G50)**

Lincoln County

Wiscasset	**04**	**2111EST**			**0**	**0**			**Thunderstorm Wind (G50)**

Knox County

Union	**04**	**2140EST**			**0**	**0**			**Thunderstorm Wind (G50)**

A line of powerful thunderstorms moved southeastward across Maine during the late evening of the Fourth of July, providing natural fireworks to end the holiday. Several communities started their firework displays early in order to beat the storms; some were successful, some were not. Dozens of trees were downed by the wind along Route 35 between Harrison and Naples; wind gusts in the area were measured at 84 mph. Several homes and cars were damaged by falling trees. Witnesses also observed a funnel cloud which formed over Long Lake. In Otisfield, trees fell on the dining building and a cabin at a children's peace camp, causing an estimated $25,000-$35,000 in damage. In Bridgton, trees were reported down throughout the town, and a tree fell on a boy at Camp Wildwood; the boy was taken to a nearby hospital. Trees were also reported down in Poland, Mechanic Falls, Topsham, Wiscasset, and in Union. Statewide, Central Maine Power Company said that about 12,000 customers lost power from the storms.

Cumberland County

Windham Center	**04**	**2030EST**			**0**	**0**			**Lightning**

Lightning struck a tall pine tree, then traveled along wire fencing to a small barn where the it ignited the two-story structure. The fire destroyed the barn and all of it's contents.

Somerset County

2 S Bingham	**17**	**0200EST**			**0**	**0**	**1M**		**Dam Break**
		0300EST							

A dam on Tibbetts Pond failed from the combined effects of beavers blocking the outlet pipe and 3 to 5 inches of rain. The dam, 100 ft long, 6 ft high, and 30 ft wide at the base, failed at about 3 am, causing water to flood Route 16. A car driven on Route 16 by a 32-year-old man was swept away by the 8-ft wall of water which accompanied the flash flood; fortunately the man survived. A 900 ft section of Route 16 was washed away by the flood waters; the water cut channels as deep as 20 ft. Damage was estimated at about 1 million dollars.

Oxford County

1 N Hanover	**18**	**1300EST**	**0.5**	**150**	**0**	**0**			**Tornado (F1)**

A small tornado touched down briefly in a wooded area in the towns of Newry and Hanover, in Oxford County. The tornado touched down around 2 pm about 1/4 mile north of Howard Pond, then moved eastward. The tornado was on the ground for about a minute and had a path about 1/2 mile long and up to 150 yards wide. Several hundred trees were snapped or uprooted by the tornado. Winds were estimated to have gusted to near 100 mph.

York County

Limerick	**18**	**1315EST**			**0**	**0**			**Hail (0.75)**

York County

East Waterboro	**18**	**1330EST**			**0**	**0**			**Hail (1.25)**

Franklin County

Farmington	**18**	**1350EST**			**0**	**0**			**Hail (0.75)**

Franklin County

Farmington	**18**	**1420EST**			**0**	**0**			**Hail (0.75)**

York County

Newfield	**18**	**1430EST**			**0**	**0**			**Thunderstorm Wind (G50)**

Storm Data and Unusual Weather Phenomena

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
MAINE, South									
York County									
North Waterboro	**18**	**1530EST**			**0**	**0**			**Hail (0.75)**
York County									
Acton	**18**	**1539EST**			**0**	**0**			**Hail (1.75)**
Franklin County									
Farmington	**18**	**1545EST**			**0**	**0**			**Hail (1.00)**
York County									
Sanford	**18**	**1608EST**			**0**	**0**			**Hail (1.00)**
York County									
Wells	**18**	**1625EST**			**0**	**0**			**Hail (0.75)**
A series of severe thunderstorms moved through sections of the state causing large hail and damaging winds in many locations. Some areas in the mountains and foothills were hit by several strong or severe thunderstorms. The area around Farmington was particularly hard hit.									
Androscoggin County									
Lewiston	**18**	**1355EST**			**0**	**0**			**Lightning**
Lightning struck an apartment building, damaging the roof and wall of the building, and destroying a television and phones.									
Cumberland County									
Portland	**18**	**1400EST**			**0**	**0**			**Lightning**
Lightning struck a four-story apartment building causing a small fire and damaging the roof and wall of the building.									
York County									
West Newfield	**18**	**1400EST**			**0**	**0**	**50K**		**Lightning**
A lightning strike at a lumber yard damaged phones and computer equipment, and filled one of the buildings with smoke.									
Franklin County									
Farmington	**18**	**1410EST**			**0**	**2**			**Lightning**
A man and a woman were injured in Farmington when they were struck by lightning near their home. The woman was jolted while holding on to a doorknob and the man was struck while standing next to a satellite dish receiver. One of the two was treated at a nearby hospital after the incident.									
Franklin County									
Rangeley	**18**	**1440EST**			**0**	**5**			**Lightning**
Eight people were reportedly struck by lightning at a campsite on the shores of Mooselookmeguntic Lake during a thunderstorm. The eight were near or huddled on a large rock near a tall tree when lightning struck the tree as the storm was winding down. The victims were reported to have been crouched down when the lightning struck the tree which was between 5 and 10 feet away. Five of the people were reported to have suffered burns and were taken to nearby hospitals.									
Kennebec County									
Benton	**18**	**1840EST**			**0**	**0**			**Lightning**
Lightning sparked a fire that damaged the garage of a home. The lightning apparently struck a nearby tree and traveled through the root system to the garage.									
Oxford County									
Sumner	**22**	**1425EST**			**0**	**0**			**Hail (1.00)**
Androscoggin County									
Livermore	**22**	**1450EST**			**0**	**0**			**Hail (0.88)**
Kennebec County									
Winthrop	**22**	**1715EST**			**0**	**0**			**Hail (0.88)**
Severe thunderstorms produced 1 inch hail in the town of Sumner, nickel-sized hail in Livermore, and dime- to nickel-sized hail in Winthrop.									
MARYLAND, Central									
Prince George'S County									
Central Portion	**03**	**1800EST**			**0**	**0**			**Heavy Rain**
		2300EST							
Calvert County									
Solomons	**03**	**2200EST**			**1**	**0**			**Lightning**
A 37 year old man was killed by lightning while he was fixing a leak on the roof of a camper. M37CA									
St. Mary'S County									
Countywide	**03**	**2200EST**			**0**	**0**			**Heavy Rain**
	04	**0130EST**							
During the afternoon and evening of the 3rd, thunderstorms which produced heavy rainfall and frequent lightning moved across central Maryland. In Calvert County, a 37 year old man was killed by lightning on Solomon's Island. The victim was fixing a hole on the roof of a camper when he was struck. In St. Mary's County, a total of 1.90 inches of rain fell in Tall Timbers. Rainfall totals in Prince George's County included 2.64 inches in Leeland, 2.39 inches in Upper Marlboro, 2.24 inches in Landover and on Harry Truman Drive, 2.04 inches in Forestville, and 1.61 inches in South Bowie.									

Storm Data and Unusual Weather Phenomena

July 2000

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
MARYLAND, Central									
Howard County									
3 SE Savage to	**10**	**1630EST**	**0.6**	**100**	**0**	**0**	**50K**		**Tornado (F1)**
4 SE Savage		**1632EST**							
The tornado downed several trees and power lines and blew over two trailers and 3 semi-tractor trailers before it moved into Anne Arundel County.									
Anne Arundel County									
1 NE Maryland City to	**10**	**1632EST**	**0.7**	**100**	**0**	**0**	**25K**		**Tornado (F1)**
Maryland City		**1635EST**							
The tornado which came from Howard County downed several trees onto roads and buildings and onto commuter railroad tracks before it dissipated near Maryland City.									
Anne Arundel County									
Countywide	**10**	**1645EST**			**0**	**0**	**20K**		**Thunderstorm Wind**
		1720EST							
Several trees and power lines were downed.									
Charles County									
Bryans Road	**10**	**1700EST**			**0**	**0**	**50K**		**Lightning**
A lightning strike caused extensive damage to a home.									
Charles County									
Countywide	**10**	**1702EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1715EST							
Trees were downed onto roads and a home.									
St. Mary'S County									
Countywide	**10**	**1720EST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		1800EST							
Trees were downed.									
Calvert County									
Lusby	**10**	**1745EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
A tree was downed onto a power line.									
Thunderstorms that produced winds in excess of 55 MPH, large hail, heavy downpours, and frequent lightning moved across central Maryland during the evening of the 10th. The strongest storm produced a tornado that touched down extreme southern Howard County then moved east into Anne Arundel County. The F1 tornado was 100 yards wide and stayed on the ground for 2 miles. It formed just southeast of High Ridge then moved east and dissipated near Maryland City. It crossed Route 1 and passed through a populated area where it caused considerable damage. Near High Ridge, several trees and power lines were downed. The tornado blew out a plate glass window and damaged a revolving door. It also blew over a line of 6 power poles, two trailers, three 8000 lb. containers, and three semi-tractor trailers. Near Maryland City, several trees were downed onto roads and buildings and a trailer was damaged. Straight line winds in excess of 55 MPH caused damage south of the tornado's path. A wind gust of 43 MPH was recorded at Laurel in Howard County. In and around Anne Arundel County, trees were downed in Severna Park, Crofton, Crownsville, Hillsmere, Odenton, Edgewater, Savage, and Laurel. In Calvert County, a tree was downed onto a power line in Lusby. In St. Mary's County, trees were downed countywide. In Charles County, trees were downed in Bryan's Road, Waldorf, and La Plata. Lightning also started a fire at a home in Bryan's Road that extensively damaged the structure. A tree was felled onto a home in Waldorf. In Prince George's County, pea sized hail was reported in Greenbelt.									
Carroll County									
Manchester	**13**	**1330EST**			**0**	**1**			**Lightning**
A 17 year old boy was struck by lightning while touching wires that were plugged into an electrical outlet.									
In Carroll County, lightning hit a home in Manchester during the afternoon of the 13th and passed through the building's wiring. A 17 year old boy who was plugging a phone wire into an outlet at the time of the strike was slightly injured by the bolt.									
St. Mary'S County									
Countywide	**14**	**1035EST**			**0**	**0**			**Flash Flood**
	15	**0230EST**							
Several roads were flooded and a tree was downed.									
Harford County									
Fallston	**14**	**1445EST**			**0**	**0**	**50K**		**Lightning**
A truck was destroyed by a fire started by lightning.									
Washington County									
Williamsport	**14**	**1540EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Trees and power lines were downed.									
Baltimore County									
Countywide	**14**	**1700EST**			**0**	**0**			**Flash Flood**
		1830EST							
Several roads were flooded.									
Baltimore City (C)									
Countywide	**14**	**1700EST**			**0**	**0**			**Flash Flood**
		1830EST							
Several roads were flooded.									

Storm Data and Unusual Weather Phenomena

July 2000

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
MARYLAND, Central									
Baltimore County									
Rosedale	**14**	**1715EST**			**0**	**0**			**Hail (1.75)**
Golfball sized hail fell.									
Baltimore City (C)									
Baltimore	**14**	**1715EST**			**0**	**0**			**Hail (1.75)**
Golfball sized hail fell.									
Charles County									
1 S Bryans Road	**14**	**1822EST**			**0**	**0**			**Hail (0.75)**
Dime sized hail fell.									
Harford County									
Darlington	**14**	**1830EST**			**0**	**0**	**75K**		**Lightning**
Fifteen cows in a field were killed by lightning.									
Harford County									
Darlington	**14**	**1830EST**			**0**	**0**	**10K**		**Thunderstorm Wind**
A downed tree killed two cows.									
Harford County									
Havre De Grace	**14**	**1830EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
A tree was downed.									
Harford County									
Joppa	**14**	**1830EST**			**1**	**0**			**Lightning**
A man with a cell phone was hit by lightning near a tree while walking down a sidewalk. M46UT									
Harford County									
Northeast Portion	**14**	**1830EST**			**0**	**0**		**500K**	**Hail (0.75)**
Hail estimated at the sized of a dime damaged crops.									
Washington County									
Countywide	**14**	**1900EST**			**0**	**0**			**Heavy Rain**
		2130EST							
Frederick County									
Countywide	**14**	**2000EST**			**0**	**0**			**Heavy Rain**
		2230EST							
Montgomery County									
Countywide	**14**	**2100EST**			**0**	**0**			**Heavy Rain**
		2330EST							
Prince George'S County									
Countywide	**14**	**2100EST**			**0**	**0**			**Flash Flood**
		2359EST							
Roads in College Park and Route 202 were closed by high water.									
Charles County									
Countywide	**14**	**2130EST**			**0**	**0**			**Heavy Rain**
		2359EST							
Anne Arundel County									
Countywide	**14**	**2200EST**			**0**	**0**			**Flash Flood**
	15	**0100EST**							
Several roads were flooded by up to 6 inches of rain.									
Calvert County									
Countywide	**14**	**2200EST**			**0**	**0**			**Heavy Rain**
		2359EST							
St. Mary'S County									
Avenue	**15**	**0000EST**			**0**	**0**			**Lightning**
A dog tied to a tree was killed when lightning struck the tree.									
St. Mary'S County									
Charlotte Hall	**15**	**0000EST**			**0**	**0**	**20K**		**Lightning**
A sawmill was damaged by a lightning strike.									
St. Mary'S County									
Morganza	**15**	**0000EST**			**0**	**0**	**2K**		**Lightning**
Lightning damaged a home.									

A cold front moved across the region during the evening of the 14th. Thunderstorms that developed ahead and along this front produced very heavy rainfall, frequent lightning, large hail, and winds in excess of 55 MPH. Across Baltimore County, heavy rain flooded several roads. In Baltimore, flooding was concentrated between Back River and Middle River where some stranded motorists had to be rescued. A total of 3.00 inches of rain fell in Towson and 1.78 inches fell in Perry Hall. Golfball sized hail fell in Rosedale and Baltimore and pea sized hail fell in Overlea. Several roads were also flooded in Anne Arundel County after up to 6 inches of rain fell. Rainfall totals included 5.98 inches in Edgewater, 2.81 inches in Crofton, 2.40 inches in Annapolis, 2.14 inches in Hillsmere, 1.86 inches in Davidsonville, and 1.67 inches in Owings Beach. In Prince George's County, roads in College Park and Cheverly were

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

MARYLAND, Central

closed by high water. Rainfall totals included 2.76 inches at Harry Truman Drive, 2.53 inches at Lake Arbor, 2.29 inches in Landover, and 1.60 inches in Oxon Hill. Marble sized hail fell in Oxon Hill and pea sized hail fell in Suitland. In Montgomery County, a 41 MPH wind gust was recorded at Montgomery College and 10 feet high corn was downed near Germantown. Over an inch of rain fell in 25 minutes in Damascus. In Frederick County, 1.65 inches fell in Frederick. In Washington County, winds in excess of 55 MPH downed trees and power lines in Williamsport. Half dollar sized hail fell in Clear Spring and 3.07 inches of rain was reported in Sharpsburg.

In Harford County, a 46 year old man who was walking down a sidewalk in Joppatowne with his cell phone was struck and killed by lightning near a tree. In Darlington, 15 cows taking shelter from the storm under a tree were killed by lightning. Two other cows were killed by a felled tree. A tree was also downed in Havre de Grace. In Fallston, lightning struck a garbage truck and sparked a fire which destroyed the vehicle. Across the northeast portion of the county, hail estimated at the size of a dime damaged $500,000 worth of crops. In Charles County, dime sized hail fell near Bryan's Road. Flooding was reported in Pomfret. Rainfall totals included 2.95 inches in Indian Head, 2.65 inches in La Plata, 2.55 inches in Pomfret, and 1.67 inches in Waldorf. In Calvert County, 1.6 inches fell in Dunkirk, Sunderland, and Huntingtown. In St. Mary's County, a dog tied to a tree in Avenue was killed when lightning struck the tree. Lightning damaged a home in Morganza and a sawmill in Charlotte Hall. Heavy rain flooded several roads across the county and downed a tree. A total of 3.40 inches of rain fell in Tall Timbers.

Carroll County
Countywide — **15** — **1100EST 1500EST** — **0** — **0** — **Heavy Rain**

St. Mary'S County
Countywide — **15** — **1100EST 1300EST** — **0** — **0** — **Flash Flood**
Roads were flooded.

Anne Arundel County
Countywide — **15** — **1200EST 1600EST** — **0** — **0** — **Flash Flood**
Cars were stalled on flooded roads in Annapolis.

Harford County
Countywide — **15** — **1400EST 1800EST** — **0** — **0** — **5K** — **Thunderstorm Wind**
Trees were downed onto several roads sometime during the afternoon.

Anne Arundel County
Millersville — **15** — **2226EST** — **0** — **0** — **30K** — **Lightning**
A two story home was damaged by a lightning induced fire.

Anne Arundel County
Crofton — **15** — **2300EST** — **0** — **0** — **10K** — **Lightning**
A townhouse was damaged by a fire which was started by lightning.

Showers and thunderstorms which produced heavy rainfall and gusty winds moved across central Maryland during the afternoon and evening of the 15th. In St. Mary's County, several roads were flooded by heavy downpours. Rainfall totals included 2.47 inches in Tall Timbers, 2.34 inches in Hollywood, 2.27 inches in Ridge, 2.23 inches in Morganza, and 2.22 inches in Oraville where a wind gust of 46 MPH was recorded. In Anne Arundel County, cars were stalled on flooded roadways in Annapolis after 1.20 inches of rain fell in 20 minutes. A police car was found floating down a waterlogged county road. A lightning strike started a fire which damaged a home in Millersville and a townhome in Crofton. In Carroll County, 1.74 inches of rain fell in Millers. In Baltimore County, 1.76 inches fell in Parkton. In Harford County, winds in excess of 55 MPH downed trees onto Rocks Chrome, Berkeley, and Castleton Roads.

St. Mary'S County
Hollywood — **16** — **0530EST** — **0** — **0** — **160K** — **Lightning**
A house was heavily damaged by a lightning fire.

Prince George'S County
Bowie — **16** — **1130EST 1145EST** — **0** — **0** — **2K** — **Thunderstorm Wind**
Trees were downed.

Prince George'S County
Bowie — **16** — **1145EST** — **0** — **0** — **Hail (1.00)**
Dime to quarter sized hail fell.

Anne Arundel County
5 S Annapolis — **16** — **1230EST** — **0** — **0** — **Hail (1.00)**
Quarter sized hail fell on Route 2.

Anne Arundel County
Countywide — **16** — **1230EST** — **0** — **0** — **10K** — **Thunderstorm Wind**
Trees and power lines were downed.

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
MARYLAND, Central									
Baltimore County									
Central Portion	**16**	**1300EST** **1500EST**			**0**	**0**			**Heavy Rain**
Calvert County									
Countywide	**16**	**1300EST** **1500EST**			**0**	**0**			**Heavy Rain**
St. Mary'S County									
Countywide	**16**	**1300EST** **1500EST**			**0**	**0**			**Heavy Rain**
Calvert County									
Countywide	**16**	**1320EST** **1345EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Power lines were downed in Dunkirk and Chaneyville.									
Baltimore County									
Cockeysville to Reisterstown	**16**	**1330EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Large trees were downed.									
Calvert County									
Huntingtown	**16**	**1330EST**			**0**	**0**			**Hail (0.88)**
Nickel sized hail fell.									
Frederick County									
Thurmont	**16**	**1645EST**			**0**	**0**		**10K**	**Hail (1.00)**
Quarter sized hail destroyed a cornfield.									
Scattered thunderstorms that produced winds in excess of 55 MPH, heavy rainfall, large hail, and frequent lightning moved across Maryland during the morning and afternoon of the 16th. In St. Mary's County, a fire started by lightning heavily damaged a home in Hollywood. Marble sized hail fell in Leonardtown and pea sized hail fell in California and Tall Timbers where a total of 2.46 inches of rain fell. In Prince George's County, dime to quarter sized hail fell in Bowie and Mayo and pea sized hail fell in Lanham. Trees were downed in Bowie. In Anne Arundel County, trees and power lines were downed. Quarter sized hail fell on Route 2 south of Annapolis. In Calvert County, trees and power lines were downed in Dunkirk and Chaneyville. A total of 3.20 inches of rain fell in Huntingtown where pea to nickel sized hail was reported. Pea sized hail also fell in Owens, Dunkirk, and Chesapeake Beach. Winds estimated at 50 MPH were also reported in Chesapeake Beach. In Baltimore County, 1.50 inches of rain fell at Lake Roland. Large trees were downed between Reistertown and Cockeysville and heavy downpours flooded roads in Towson and Parkville. In Frederick County, quarter sized hail destroyed a cornfield in Thurmont and a car was hit by lightning but no one was injured.									
Charles County									
Countywide	**19**	**0000EST** **2359EST**			**0**	**0**			**Heavy Rain**
Rainfall totals across the county included 4.70 inches in Dentsville, 2.26 inches in Port Tobacco, 1.93 inches in La Plata, and 1.60 inches in Waldorf.									
Anne Arundel County									
Countywide	**26**	**1200EST** **1600EST**			**0**	**0**			**Flash Flood**
Numerous roads were flooded.									
Calvert County									
Countywide	**26**	**1200EST** **1600EST**			**0**	**0**			**Flash Flood**
Low lying areas and some roads were flooded.									
Charles County									
Countywide	**26**	**1200EST** **1600EST**			**0**	**0**			**Heavy Rain**
Prince George'S County									
Countywide	**26**	**1200EST** **1600EST**			**0**	**0**			**Heavy Rain**
St. Mary'S County									
Countywide	**26**	**1200EST** **1600EST**			**0**	**0**			**Flash Flood**
Several roads and creeks were flooded.									
Baltimore County									
Central Portion	**26**	**1300EST** **1500EST**			**0**	**0**			**Heavy Rain**
Baltimore City (C)									
Baltimore	**26**	**1300EST** **1500EST**			**0**	**0**			**Heavy Rain**
Showers and thunderstorms the produced very heavy rainfall moved across central Maryland during the afternoon of the 16th. Heavy									

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

MARYLAND, Central

rain flooded streets in Prince George's and Baltimore Counties. Rainfall totals in Prince George's County included 2.74 inches in Beallsville, 2.25 inches in Brandywine, 2.18 inches in Dawsonville, 2.16 inches at Brown Landfill, 1.84 inches in Leeland, and 1.74 inches in South Bowie. Rainfall totals in Baltimore County included 2.60 inches at Ft. McHenry, 2.37 inches at the Maryland Science Center, 2.12 inches at Lake Roland, 1.92 inches at Carroll Park, and 1.72 inches in Perry Hall. In Anne Arundel County, numerous roads were flooded. Portions of Routes 450, 424, and 214 were closed by high water. Roads in Pasadena, Ponders Cove, Turkey Point, Shady Side, Selby on the Bay, and London Towne were also flooded. Rainfall totals included 6.58 inches in Pasadena, 5.44 inches in Hillsmere, 3.51 inches at the Naval Academy, 3.37 inches in Edgewater, 2.88 inches near Annapolis, 2.55 inches in Owings Beach, and 1.74 inches at Baltimore/Washington International Airport. In St. Mary's County, 3.20 inches fell in Ridge and Scotland, 2.46 inches fell in Tall Timbers, and 1.87 inches fell in Hollywood. MacArthur Boulevard, FDR Boulevard, and Chancellor's Run Road were closed by high water. The St. Mary's River came within 1 foot of overflowing its banks in Great Mills. In Calvert County, residents of Breezy Point, North Beach, Chesapeake Beach, Drum Point, and Cove Point reported flooded roadways and yards.

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
Washington County									
Hagerstown	**28**	**1650EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Trees and power lines were downed southwest of Hagerstown.									
Montgomery County									
Countywide	**28**	**1800EST**			**0**	**0**			**Heavy Rain**
		1900EST							
Frederick County									
Countywide	**28**	**1815EST**			**0**	**0**	**30K**		**Lightning**
		1845EST							
Three houses were damaged by lightning.									
Montgomery County									
Countywide	**28**	**1815EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Power lines were downed.									
Baltimore City (C)									
Baltimore	**28**	**1830EST**			**0**	**0**			**Heavy Rain**
		2030EST							
St. Mary'S County									
Countywide	**28**	**1830EST**			**0**	**0**			**Heavy Rain**
		2030EST							
Prince George'S County									
1 SE Hillcrest Hgts	**28**	**1915EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Trees were downed in Marlow Heights.									

During the afternoon and evening of the 28th, thunderstorms that produced winds in excess of 55 MPH, heavy rainfall, and frequent lightning moved across Maryland. In Washington County, trees and power lines were downed southwest of Hagerstown and near Hancock. In Frederick County, three homes were damaged by lightning. In Montgomery County, power lines were downed and 1.94 inches of rain fell in Darnestown. A total of 2.62 inches fell in Baltimore. In Prince George's County, trees were downed in Marlow Heights. In St. Mary's County, 2.00 inches fell in Tall Timbers and 1.73 inches fell in Ridge. Minor flooding was reported in Leonardtown.

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
Washington County									
West Portion	**30**	**1400EST**			**0**	**0**			**Heavy Rain**
		2200EST							
Carroll County									
Countywide	**30**	**1530EST**			**0**	**0**			**Flash Flood**
		1730EST							
Stream flooding was reported after 3 to 4 inches of rain fell.									
Baltimore City (C)									
Baltimore	**30**	**1600EST**			**0**	**0**			**Heavy Rain**
		2200EST							

Scattered thunderstorms produced heavy rainfall across the northern third of Maryland during the afternoon of the 30th. In Carroll County, small streams overflowed their banks after up to 4 inches of rain fell. In Union Bridge, water rose to the bottom of the Route 75 bridge on Main Street. In Washington County, 2.87 inches of rain fell in Hancock. A total of 2.04 inches fell at Carroll Park in Baltimore.

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
Allegany County									
West Portion	**31**	**1500EST**			**0**	**0**			**Flash Flood**
		1700EST							
Roads and streams were flooded.									
Allegany County									
Lonaconing	**31**	**1508EST**			**0**	**0**	**2K**		**Flash Flood**
Trees were downed along Route 36 near George's Creek.									
St. Mary'S County									
2 N Hollywood	**31**	**1547EST**	**0.1**	**30**	**0**	**0**	**5K**		**Tornado (F0)**

Storm Data and Unusual Weather Phenomena

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

MARYLAND, Central

A dugout at Higgs Memorial Ball Park was destroyed.

Isolated thunderstorms moved across Allegany and St. Mary's Counties during the afternoon of the 31st. Across the western portion of Allegany County, several roads were flooded and streams overflowed their banks after heavy downpours. Near Lonaconing, trees were downed along Route 36 at the intersection of George's Creek. A total of 1.85 inches of rain was recorded in Cumberland and over 3 inches fell in Westernport. In St. Mary's county, a weak tornado only 30 yards wide touched down momentarily just north of Hollywood at Higgs Memorial Ball Park. The F0 twister was only on the ground for one tenth of a mile but it damaged one structure, a dugout at the ballfield.

MARYLAND, Northeast

Kent County

Rock Hall	**14**	**1930EST**		**0**	**1**		**0**	**Lightning**

Kent County

Rock Hall	**14**	**1940EST**		**0**	**0**			**Hail (1.50)**

A severe thunderstorm dropped hail as large as walnuts in the Rock Hall and Piney Neck areas of Kent County and damaged crops. One farm lost 30 percent of its 90 acre soybean crop and the farm's corn crop looked as though it went through a shredder. The severe thunderstorm also tore down branches in the county. Conectiv Energy reported about 10,000 customers throughout the Eastern Shore lost power the evening and night of the 14th because of the severe thunderstorms. The same evening a boater was struck and injured by lightning in Rock Hall. The man was just past a jetty in the harbor fronting the marina when he was climbing a ladder from the lower to the upper deck. The jolt knocked him off the ladder.

Cecil County

Perryville	**14**	**1930EST**		**0**	**0**	**25K**	**0**	**Lightning**

Lightning struck the chimney of a Perryville house. It apparently traveled down the chimney and ignited a fire beneath the chimney on the first floor. The fire was contained to the living room, but there was smoke damage throughout the house. Damage was estimated at $25,000. No serious injuries occurred, but the owner was ousted from the house.

Talbot County

Easton to	**14**	**2348EST**		**0**	**0**			**Thunderstorm Wind (G50)**
Windy Hill		**2355EST**						

A severe thunderstorm knocked down several trees and numerous limbs and wires in southeastern parts of Talbot County. Conectiv Energy reported about 10,000 customers lost power throughout the Maryland Eastern Shore that evening and night.

Kent County

Southwest Portion	**15**	**0000EST**		**0**	**0**			**Flash Flood**
		0200EST						

Queen Anne'S County

Central Portion	**15**	**0000EST**		**0**	**0**			**Flash Flood**
		0200EST						

Thunderstorms with torrential downpours caused poor drainage flooding as well as flooding of some of the streams in southwestern Kent County and central Queen Anne's County. Doppler Radar storm total estimates reached nearly five inches around the Tolchester Beach in Kent County and 4 inches around Church Hill in Queen Anne's County. These estimates appear in line based on ground truth reports from surrounding stations. In Queen Anne's County, the torrential rain washed out part of the median on U.S. Route 301 north of Maryland State Route 213. High waters were also reported on Maryland State Route 213 itself south of Centreville.

Thunderstorms with heavy rain extended northward into western parts of Cecil County. Storm totals included 2.90 inches in Perryville (Cecil County) and 1.69 inches in Stevensville (Queen Anne's County).

Caroline County

West Portion	**15**	**0000EST**		**0**	**0**			**Flash Flood**
		0200EST						

Talbot County

Countywide	**15**	**0000EST**		**0**	**0**			**Flash Flood**
		0200EST						

Thunderstorms with torrential downpours caused poor drainage flooding as well as flooding of streams in Talbot County and also in western Caroline County. Doppler Radar Storm total estimates reached between 3 and 4 inches around the perimeter of Talbot County as well as western Caroline County. Many roads in Saint Michael's (Talbot County) were flooded. Storm totals included 3.50 inches in Royal Oak (Talbot County) and 2.7 inches in Federalsburg (Caroline County).

Caroline County

Newton to	**15**	**0015EST**		**0**	**0**			**Thunderstorm Wind (G50)**
Federalsburg		**0030EST**						

A severe thunderstorm knocked down several trees and numerous limbs and wires in southern parts of Caroline County. Conectiv Energy reported about 10,000 customers lost power throughout the Maryland Eastern Shore the evening and night of the 14th. The following night, the combination of the high winds and the heavy rain loosening the ground was too much for one large tree. A Big Tooth Aspen, the largest in the state of Maryland, fell down in Williston.

Talbot County

St Michaels	**15**	**1615EST**		**0**	**0**			**Heavy Rain**
		1645EST						

Storm Data and Unusual Weather Phenomena

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
MARYLAND, Northeast									
Talbot County									
2 NW Newcomb to Newcomb	**15**	**1625EST 1630EST**			**0**	**0**	**0**	**0**	**Waterspout**
Talbot County									
Newcomb	**15**	**1630EST**	**0.3**	**25**	**0**	**0**	**1K**	**0**	**Tornado (F0)**
Talbot County									
Easton	**15**	**1638EST**			**0**	**0**			**Hail (1.00)**
Talbot County									
Easton	**15**	**1638EST**			**0**	**0**			**Thunderstorm Wind (G50)**

A thunderstorm produced several funnel clouds over Chesapeake Bay and its tributaries around Talbot County. Two of the funnels became waterspouts on the Miles River near Newcomb and Oak Creek. The waterspouts were captured on video. One briefly came inland as a weak (F0) tornado. The tornado carried a swing chair and wrapped it around one tree, tossed a rowboat, knocked down an outhouse and knocked down a couple of trees. No serious injuries were reported. The same parent thunderstorm dropped hail as large as quarters from Royal Oak to Easton and caused wind damage to one store in the Easton Plaza. Heavy rain fell again on Saint Michaels and caused roadway flooding and flooded one basement.

Talbot County									
St Michaels	**28**	**2000EST**			**0**	**0**	**5K**	**0**	**Lightning**

Lightning struck a twelve foot by eighteen foot storage shed and an adjacent tree in Saint Michaels. The shed caught on fire and the fire spread to the house. Minimal damage occurred to the house, but the fire destroyed the shed and the lawn and garden equipment within it. A pair of other house fires were started by lightning in Tilghman. No serious injuries were reported.

Talbot County									
West Portion	**28**	**2030EST 2230EST**			**0**	**0**			**Flash Flood**

A nearly stationary thunderstorm dropped a Doppler Radar estimated 6 inches of rain across western Talbot County innundating Claiborne and Saint Michaels. Most of the heavy rain fell between 8 p.m. and 10 p.m. EDT. Widespread flooding was reported on the east side of Saint Michaels from Mill Street to the Maritime Museum and the Town Deck Marina. Many merchants reported flooding. There was one foot of water on both Main Street in Saint Michaels and Maryland State Route 33. Fire fighter responses to house fires caused by the lightning were slowed because of the flooded roadways.

MDZ008-012-015-019>020	**Cecil - Kent - Queen Annes - Talbot - Caroline**								
	31	**2359EST**			**0**	**0**			**Unseasonably Cool & Wet**

July 2000 was one of the coolest and wettest Julys on record for the Maryland Eastern Shore. In both Chestertown (Kent County) and Royal Oak (Talbot County), it was the coolest July on record for both stations. The July monthly mean temperature for Chestertown was 73.0 degrees. Records began in 1937. In Royal Oak, the July monthly mean temperature was 74.2 degrees. Records began in 1948. On a county weighted average, all of the Eastern Shore counties were wetter than normal with Kent southward through Talbot County receiving about twice the normal July monthly rainfall. County weighted monthly totals ranged from 5.2 inches in Cecil County to 8.1 inches in Talbot County. Normal monthly rainfall is around 4 inches.

MARYLAND, South									
Somerset County									
Crisfield	**10**	**1800EST**			**0**	**0**	**1K**	**0**	**Thunderstorm Wind (G50)**

A tree was blown down at a residence on Maryland Street.

Dorchester County									
Toddville	**14**	**2030EST 2040EST**			**0**	**0**	**0**	**0**	**Hail (1.00)**
Worcester County									
Berlin to Girdletree	**29**	**1130EST 1345EST**			**0**	**0**	**0**	**0**	**Flash Flood**

Heavy rain caused flooding on many main and secondary roads around Berlin and Girdletree. Saint Louis Avenue in Ocean City was closed from Talbot Street to 11th Street.

MARYLAND, West									
Garrett County									
Countywide	**30**	**1617EST 2100EST**			**0**	**0**	**25K**		**Flood**

Strong, slow-moving thunderstorms produced torrential rainfall of up to 3 inches in just over an hour over portions of Garrett County. In the Keysers Ridge area, minor road flooding was reported on SR 40. Mudslides were also reported along Interstate 68, where nearly half a foot of water and debris covered the roadway. Several other roads in the county reported flooding, including Devils Half Acre Road, which was partially washed away. In the Grantsville area, Mill Camp Road was also flooded.

MASSACHUSETTS, Central and East									
MAZ015	**Suffolk**								
	08	**0000EST 2359EST**			**0**	**0**			**Record Cold**

Logan International Airport

The low temperature of 55 degrees at Logan International Airport in Boston tied the previous record low for the date set in 1909.

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
MASSACHUSETTS, Central and East									
Hampden County									
Southwick	**15**	**1300EST**			**0**	**0**			**Heavy Rain**
	16	**0400EST**							
Franklin County									
Heath to	**16**	**0215EST**			**0**	**0**			**Flood**
Colrain		**0900EST**							

Showers and thunderstorms dumped torrential rainfall along the east slopes of the Berkshires, with many areas received 2 to 4 inches of rain. In the northern part of Franklin County near the Vermont border, radar estimated nearly 9 inches of rain, most of which fell in less than 8 hours. Severe flash flooding resulted in the towns of Heath and Rowe, where more than a dozen roads were either partially or completely washed out. Over 50 campers were successfully evacuated from campgrounds in neighboring Charlemont. A portion of Route 116 in Conway was flooded by a nearby stream. In Colrain, the North River crested about one half foot above its 9 flood stage at 550 am EDT.

Worcester County									
Barre	**17**	**1610EST**			**0**	**0**			**Funnel Cloud**

Hiller Tanner Airport

A pilot at Hiller Tanner Airport spotted a funnel cloud, which remained aloft and dissipated a few minutes later as it headed toward New Braintree.

Middlesex County									
Townsend	**18**	**1200EST**			**0**	**0**			**Hail (0.75)**
Middlesex County									
Townsend	**18**	**1245EST**			**0**	**0**			**Hail (0.75)**
Middlesex County									
Westford	**18**	**1329EST**			**0**	**0**			**Hail (0.75)**
Middlesex County									
Wilmington	**18**	**1355EST**			**0**	**0**			**Hail (1.00)**
Middlesex County									
Stow	**18**	**1402EST**			**0**	**0**			**Hail (1.00)**
Essex County									
Danvers to	**18**	**1408EST**			**0**	**0**			**Hail (1.25)**
Marblehead		**1425EST**							
Essex County									
Salem to	**18**	**1410EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Beverly									
Middlesex County									
Newton	**18**	**1425EST**			**0**	**0**			**Hail (1.75)**
		1432EST							
Norfolk County									
Needham	**18**	**1439EST**			**0**	**0**			**Hail (0.75)**
Suffolk County									
Brighton	**18**	**1444EST**			**0**	**0**			**Hail (1.00)**
Norfolk County									
Quincy	**18**	**1445EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Norfolk County									
Quincy	**18**	**1500EST**			**0**	**0**			**Lightning**
Suffolk County									
Forest Hills	**18**	**1500EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Plymouth County									
Hingham	**18**	**1530EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Norfolk County									
Milton to	**18**	**1537EST**			**0**	**0**			**Thunderstorm Wind (G55)**
Quincy		**1540EST**							
Plymouth County									
Scituate	**18**	**1552EST**			**0**	**0**			**Hail (0.88)**
Plymouth County									
Scituate	**18**	**1552EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Plymouth County									
Scituate	**18**	**1608EST**			**0**	**0**			**Hail (0.75)**

Severe thunderstorms swept across much of eastern Massachusetts ahead of a cold front. There were many reports of large hail, downed trees and wires. Golf ball size hail was reported in Newton, which covered the ground up to one inch deep. Half dollar size hail fell in Beverly, and hail as large as quarters fell in Wilmington, Stow, and Brighton. Traffic was snarled for a time on Route 128 in Needham, when a thunderstorm produced dime size hail. Quincy, Weymouth, and Hingham were especially hard hit by the storms, with numerous reports of trees falling on houses and cars. Also in Quincy, lightning struck the roof of a church, sending hundreds of pounds of stone crashing through the roof. There were no injuries reported.

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
MASSACHUSETTS, Central and East									
Bristol County									
Fairhaven	**26**	**2200EST**			**0**	**0**			**Heavy Rain**
	27	**1400EST**							
Middlesex County									
Billerica	**26**	**2200EST**			**0**	**0**			**Heavy Rain**
	27	**1400EST**							
Tropical moisture surging northward combined with a slow moving front south of New England to bring locally heavy rainfall to parts of eastern Massachusetts. As much as 3.50 inches of rain fell in Billerica, and 3.09 inches of rain fell in Fairhaven. Many other areas received 2 to 3 inches of rain.									
MASSACHUSETTS, West									
Berkshire County									
Sheffield	**15**	**1850EST**			**0**	**0**	**15K**		**Flash Flood**
		2330EST							
Berkshire County									
Great Barrington	**15**	**1855EST**			**0**	**0**	**15K**		**Flash Flood**
		2330EST							
A stalled frontal boundary across the Berkshires interacted with a strong upper level disturbance from July 15 into early July 16. The result was a slow moving low pressure area which formed over Virginia. This low pumped a deep layer of tropical air into the region and resulted in a significant rainstorm. Rainfall amounts ranged from 1.85 inches at North Adams to 5.81 inches at Great Barrington. The heavy rain, resulted in some flash flooding. County Route 40 was flooded at Shefield and closed for awhile. Flooding was noted in Great Barrington, with many roads closed, and sewers backed up.									
MICHIGAN, East									
MIZ068	**Livingston**								
	01	**0000EST**			**0**	**0**			**Flood**
	08	**1800EST**							
The Huron River at Hamburg rose above flood stage after heavy rain in June. The river crested late in June, but remained above flood stage of 6 feet until 7 pm EDT on July 8th.									
Oakland County									
White Lake	**02**	**1837EST**			**0**	**0**			**Hail (0.75)**
An isolated severe thunderstorm dumped dime sized hail at M-59 and Ormond Road.									
MIZ076	**Wayne**								
	03	**1600EST**			**0**	**0**			**Flood**
		2000EST							
Thunderstorms dumped heavy rain on parts of metro Detroit on the night of the 2nd, with around 2 inches of rain in northern Wayne County. Runoff from the heavy rain caused the Rouge River at Detroit to crest at flood stage (15 feet) between 5 pm and 9 pm EDT on the 3rd.									
Huron County									
Bad Axe	**09**	**0700EST**			**0**	**0**	**35K**		**Lightning**
A lightning strike at Huron County Central Dispatch disabled computers and phone lines at the center, as well as the rest of the county administrative building.									
MIZ075	**Washtenaw**								
	10	**1300EST**			**0**	**0**	**40K**		**Flood**
		2100EST							
Thunderstorms developed along a stationary front that lay west to east across southern lower Michigan. Up to three inches of rain fell on the south side of Ann Arbor, producing basement flooding and sewer backups. A railroad underpass flooded in Pittsfield Township, and street flooding was also observed in Ypsilanti.									
Tuscola County									
Unionville	**13**	**2015EST**			**0**	**0**			**Hail (0.88)**
Tuscola County									
Caro	**13**	**2050EST**			**0**	**0**			**Hail (0.75)**
An isolated severe thunderstorm moved southeast off of Saginaw Bay, dumping dime to nickel sized hail.									
Sanilac County									
Applegate to	**14**	**1217EST**			**0**	**0**			**Hail (1.75)**
3 W Lexington		**1229EST**							
Genesee County									
Flint to	**14**	**1225EST**			**0**	**0**			**Hail (1.75)**
Burton		**1236EST**							

Storm Data and Unusual Weather Phenomena

July 2000

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
MICHIGAN, East									
Lapeer County									
1 NW Lapeer	**14**	**1234EST**			**0**	**0**			**Hail (0.75)**
Genesee County									
3 N Goodrich	**14**	**1245EST**			**0**	**0**			**Hail (0.75)**
Saginaw County									
Saginaw	**14**	**1300EST**			**0**	**0**	**60K**		**Thunderstorm Wind (G55)**
Shiawassee County									
Perry	**14**	**1300EST**			**0**	**0**			**Hail (1.00)**
Oakland County									
Holly	**14**	**1305EST**			**0**	**0**			**Hail (0.75)**
St. Clair County									
5 NNW Port Huron to Port Huron	**14**	**1305EST 1308EST**			**0**	**0**			**Hail (1.75)**
Genesee County									
Fenton	**14**	**1335EST**			**0**	**0**			**Thunderstorm Wind (G52)**
St. Clair County									
Marine City	**14**	**1343EST**			**0**	**0**			**Hail (1.25)**
St. Clair County									
Marine City	**14**	**1343EST**			**0**	**0**			**Thunderstorm Wind (G52)**
St. Clair County									
Algonac	**14**	**1400EST**			**0**	**0**	**125K**		**Hail (2.75)**
Oakland County									
3 S Pontiac	**14**	**1408EST**			**0**	**0**			**Hail (0.75)**
Genesee County									
Flint to 1 E Burton	**14**	**1413EST**			**0**	**0**			**Hail (1.00)**
Lapeer County									
Imlay City	**14**	**1443EST**			**0**	**0**			**Hail (0.75)**
Oakland County									
7 SW Pontiac to 6 SW Pontiac	**14**	**1445EST**			**0**	**0**			**Hail (0.75)**
Washtenaw County									
Ann Arbor	**14**	**1445EST**			**0**	**0**			**Hail (0.75)**
Tuscola County									
Millington	**14**	**1454EST**			**0**	**0**	**10K**		**Thunderstorm Wind (G54)**
Washtenaw County									
1 N Whittaker	**14**	**1454EST**			**0**	**0**			**Hail (0.75)**
Lenawee County									
Clinton	**14**	**1500EST**			**0**	**0**			**Hail (1.00)**
Livingston County									
2 NE Hartland	**14**	**1515EST**			**0**	**0**			**Hail (1.75)**
Livingston County									
3 SE Hartland	**14**	**1525EST 1530EST**			**0**	**0**			**Hail (1.50)**
Huron County									
1 N Owendale	**14**	**1530EST**			**0**	**0**			**Hail (0.75)**
Tuscola County									
5 NW Cass City	**14**	**1540EST**			**0**	**0**	**3K**		**Thunderstorm Wind (G50)**
Oakland County									
South Lyon	**14**	**1545EST**			**0**	**0**			**Hail (1.00)**
Shiawassee County									
2.5 E Juddville	**14**	**1635EST**			**0**	**0**			**Hail (0.75)**
Genesee County									
Grand Blanc	**14**	**1653EST 1655EST**			**0**	**0**			**Hail (0.75)**
Genesee County									
2.5 NNE Gaines	**14**	**1700EST**			**0**	**0**	**40K**		**Thunderstorm Wind (G69)**
Genesee County									
3 NW Argentine	**14**	**1707EST**			**0**	**0**			**Hail (0.75)**

A weak cold front moved through southeast Michigan on July 13th, ushering in slightly cooler and less humid air. However, thanks to a strong upper level disturbance, temperatures aloft cooled off much more quickly. This cold air aloft, combined with ample heating from sunshine on the 14th, resulted in an unstable atmosphere. Thunderstorms developed explosively early in the afternoon, and many became severe.

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

MICHIGAN, East

Large hail was the predominant severe weather type on this day. The strongest storm of the day was a supercell that moved south along the Lake Huron lake breeze boundary. This storm developed near Port Sanilac, and moved through Port Huron before exiting the area near Algonac. Golfball sized hail was reported near Lexington and Port Huron with this storm. Hailstones as large as baseballs crashed down on Algonac, damaging cars and roofs, ripping gutters off of homes, denting air conditioning units, and breaking windows. The force of impact when these hailstones landed in Algonac canals propelled water 5 feet into the air. Several other storms produced large hail, though none as large as in Algonac. Golfball sized hail also fell in metro Flint, as well as near Hartland. Dime, nickel, and quarter sized hail was quite common.

Wind damage was not as widespread, though a few very strong gusts occurred. Numerous trees were downed between Gratiot and Court Streets in Saginaw, damaging vehicles, fences, and outbuildings. A few trees were also downed by severe thunderstorm winds in Millington and Gagetown. Near the end of the episode, a severe thunderstorm produced estimated 80 mph winds near Gaines. Several agricultural outbuildings were heavily damaged or destroyed.

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
Macomb County									
Washington	**27**	**1423EST**			**0**	**0**			**Hail (1.00)**
		1425EST							
Macomb County									
Washington to Macomb	**27**	**1430EST** **1630EST**			**0**	**0**	**10K**		**Flash Flood**
Macomb County									
Washington	**27**	**1430EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G52)**
Sanilac County									
4 NE Deckerville	**27**	**1605EST**			**0**	**0**		**10K**	**Hail (0.75)**
Sanilac County									
4 NE Deckerville	**27**	**1605EST**			**0**	**0**	**3K**		**Thunderstorm Wind (G50)**
Saginaw County									
Fosters	**27**	**1838EST**			**0**	**0**			**Hail (0.75)**
Lapeer County									
Lapeer	**27**	**1920EST**			**0**	**0**			**Hail (0.75)**
Genesee County									
Mt Morris	**27**	**1931EST**			**0**	**0**			**Hail (0.75)**
Lapeer County									
Dryden	**27**	**2000EST**			**0**	**0**	**650K**		**Lightning**
Lightning struck a staircase manufacturing company. The building was destroyed in the resulting fire, and a neighboring flooring company was damaged.									
Lapeer County									
Otter Lake	**27**	**2045EST**			**0**	**0**			**Hail (0.75)**
Sanilac County									
Sandusky	**27**	**2045EST**			**0**	**0**	**15K**		**Lightning**
A lightning strike ignited a fire that partially destroyed a barn.									
Genesee County									
Gaines	**27**	**2143EST**			**0**	**0**			**Hail (0.75)**
Sanilac County									
12 N Marlette to Deckerville	**27** **28**	**2230EST** **0100EST**			**0**	**0**	**35K**		**Flash Flood**
Thunderstorms developed along the lake breeze fronts as they moved inland off of Lakes Huron and St Clair. Several of these became marginally severe, producing hail up to the size of quarters. The largest hail fell in Washington Township in Macomb County. A couple of storms produced wind gusts approaching 60 mph, downing large tree limbs in Washington Township and near Deckerville. The storms were also slow movers, producing locally heavy rain. Flash flooding covered roads in Macomb Township to 18 inches deep. Six roads were washed out in northern Sanilac County, and water was two feet deep over M-53.									
Genesee County									
Flint	**28**	**0310EST**			**0**	**0**			**Hail (0.75)**
Lapeer County									
Lapeer	**28**	**0405EST** **0415EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G52)**
Genesee County									
Linden	**28**	**0555EST**			**0**	**0**			**Hail (0.75)**
A small cluster of thunderstorms developed ahead of a warm front that was slowly moving north across metro Detroit. These storms produced dime sized hail in Flint and Linden. In Lapeer, a spotter estimated 60 mph gusts, and some trees were blown down.									
Macomb County									
3 N Utica	**28**	**1435EST**			**0**	**0**			**Hail (1.50)**

Storm Data and Unusual Weather Phenomena

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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
MICHIGAN, East									
Macomb County									
3 N Utica	**28**	**1435EST**			**0**	**0**	**6K**		**Thunderstorm Wind (G52)**
Shiawassee County									
Bancroft	**28**	**1530EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G52)**
Washtenaw County									
Saline	**28**	**1540EST**			**0**	**0**			**Hail (0.75)**
Washtenaw County									
Saline	**28**	**1556EST**			**0**	**0**			**Hail (0.75)**
Livingston County									
Fowlerville	**28**	**1559EST**			**0**	**0**			**Hail (0.75)**
Lenawee County									
Clinton	**28**	**1620EST**			**0**	**0**			**Hail (1.00)**
Washtenaw County									
4 W Chelsea to	**28**	**1636EST**			**0**	**0**	**20K**		**Flash Flood**
Milan		**1830EST**							
St. Clair County									
Yale	**28**	**1721EST**			**0**	**0**			**Hail (1.00)**
Wayne County									
Livonia	**28**	**1725EST**			**0**	**0**			**Hail (0.75)**
Oakland County									
Birmingham	**28**	**1742EST**			**0**	**0**			**Hail (1.00)**
		1751EST							
Lapeer County									
Almont	**28**	**1821EST**			**0**	**0**			**Hail (1.00)**
		1827EST							
Oakland County									
Novi to	**28**	**1825EST**			**0**	**0**	**25K**		**Flash Flood**
Birmingham		**2115EST**							
Wayne County									
Detroit	**28**	**1830EST**			**0**	**0**	**150K**		**Flash Flood**
	29	**0030EST**							
Lapeer County									
Metamora to	**28**	**1835EST**			**0**	**0**	**50K**		**Flash Flood**
Imlay City		**2115EST**							
Macomb County									
1 S Romeo	**28**	**1905EST**			**0**	**0**	**1M**		**Lightning**
A lightning strike started a fire that destroyed an automall.									
Macomb County									
Countywide	**28**	**1910EST**			**0**	**0**	**25K**		**Flash Flood**
		2115EST							

An upper level low pressure system was entrenched in the western Great Lakes, maintaining cool air aloft across the region. Thunderstorms developed in the heat of the day, with the most widespread activity developing along the Lake Michigan lake breeze boundary in western lower Michigan. These storms organized as they moved slowly but steadily eastward, evolving into a squall line that crossed southeast Michigan in the late afternoon and early evening hours.

Several of the thunderstorms became severe. Only a couple of storms produced damaging wind; large hail was the most common type of severe weather. An isolated storm ahead of the squall line produced silver dollar sized hail in Shelby Township (Macomb County); this was the largest hail report of the day. The same storm downed trees in that area. Trees were also downed in Bancroft due to severe thunderstorm winds. The rest of the severe weather was composed of dime to quarter sized hail events.

For some parts of southeast Michigan - particularly metro Detroit - this was the third straight day of thunderstorm activity. As mentioned above, the storms tended to move slowly, and thus dumped very heavy rain. Macomb County had seen another batch of storms earlier on the 28th; rainfall totals in the central part of county were as high as five and a half inches. Another nearly stationary cluster of storms produced 4 to 5 inches of rain near Saline and Milan. Runoff from these downpours produced flash flooding across parts of the area.

Interstate 94 was closed near Chelsea due to flooding. Many streets in and around Saline flooded, and the Saline River rose out of its banks. Urban flooding was widespread in Detroit, with many freeways closed, and some industrial facilities flooded. In Novi, a stranded family was rescued by a boat after their car stalled in flood waters. Davison Lake Road in Lapeer County was washed out south of Metamora, while water was several feet deep across roads in Almont and Imlay City. In Almont, the flood waters approached the front doors of homes and businesses.

Storm Data and Unusual Weather Phenomena

July 2000

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
MICHIGAN, East									
Genesee County									
Flint	**29**	**0748EST**			**0**	**0**	**35K**		**Flash Flood**
		1015EST							
Macomb County									
5 N Utica to	**29**	**1130EST**			**0**	**0**	**125K**		**Flash Flood**
St Clair Shrs		**1430EST**							
Wayne County									
Detroit to	**29**	**1130EST**			**0**	**0**	**15K**		**Flash Flood**
Harper Woods		**1530EST**							

The fourth straight day with areas of heavy rain due to thunderstorms. One cluster of showers and thunderstorms persisted over Genesee County for much of the morning, dumping 2.65 inches of rain on Bishop Airport (after 2.26 inches the previous day). The resulting flood waters left just one lane of Interstate 75 open in each direction in Flint, and contributed to a major accident involving a large truck. Toward midday, more storms developed over metro Detroit. One observer in Shelby Township (Macomb County) totaled almost 8 inches of rain from the 26th through the 29th. With soils already saturated, flooding developed rapidly in Wayne and Macomb Counties. Roads were flooded and closed in Shelby Township and Warren. The Clinton River rose out of its banks in Utica, flooding a senior housing complex. Numerous basements were flooded in Eastpointe. In Wayne County, Interstate 94 at Livernois had high water for several hours, and many surface streets in Harper Woods were impassible. Parts of the Lodge Freeway and Interstate 94 were closed.

MICHIGAN, Extreme Southwest									
Hillsdale County									
Jerome	**28**	**1446EST**			**0**	**0**			**Hail (1.75)**
Cass County									
Edwardsburg	**28**	**1505EST**			**0**	**0**			**Hail (1.00)**
Hillsdale County									
Litchfield	**28**	**1507EST**			**0**	**0**	**0**		**Thunderstorm Wind**

An 8 inch diameter tree down.

Hillsdale County									
Hillsdale	**28**	**1510EST**			**0**	**0**	**0**		**Thunderstorm Wind**

Tree limbs down.

MICHIGAN, North									
Manistee County									
Bear Lake	**08**	**1200EST**			**0**	**0**			**Thunderstorm Wind (G50)**

An isolated thunderstorm moved across northern Manistee County downing a few trees and power lines.

Chippewa County									
Brimley	**13**	**1400EST**			**0**	**0**			**Hail (1.75)**
Emmet County									
Pellston	**13**	**1922EST**			**0**	**0**			**Hail (0.75)**

A weak cold front moved across the Great Lakes region during the afternoon and evening of the 13th. This front caused scattered thunderstorms to develop across the northern Great Lakes region. A couple of these storms produced large hail.

Montmorency County									
8 N Atlanta	**27**	**1415EST**			**0**	**0**			**Hail (0.75)**
Grand Traverse County									
Traverse City	**27**	**1700EST**			**0**	**0**			**Flash Flood**
		1800EST							

Numerous thunderstorms developed across northern Michigan during the afternoon and evening of the 27th. These storms produced widespread heavy rain across the region which flooded city streets in Traverse City.

MICHIGAN, Upper									
Houghton County									
Redridge	**01**	**1930EST**			**0**	**0**			**Thunderstorm Wind (G60)**

70 mpg gusts.

Baraga County									
7 S Arnheim	**01**	**2015EST**			**0**	**0**			**Hail (0.75)**

Dime sized hail.

Gogebic County									
10 N Bessemer	**01**	**2015EST**			**0**	**0**			**Hail (0.75)**

Dime sized hail at Black River Park

Gogebic County									
Wakefield	**01**	**2115EST**			**0**	**0**			**Hail (0.75)**

3/4 inch hail

Gogebic County									
Wakefield	**01**	**2115EST**			**0**	**0**			**Thunderstorm Wind (G55)**

Storm Data and Unusual Weather Phenomena

July 2000

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
MICHIGAN, Upper									
	Stop signs blown down.								
Gogebic County									
Lake Gogebic	**01**	**2130EST**			**0**	**0**			**Hail (1.75)**
	Moth ball to golf ball sized hail.								
Gogebic County									
12 W Watersmeet	**01**	**2145EST**			**0**	**0**			**Thunderstorm Wind (G55)**
	10 to 12 inch diameter trees down. Power out.								
Schoolcraft County									
Cooks	**13**	**1235EST**			**0**	**0**			**Hail (1.00)**
	1 inch hail.								
Schoolcraft County									
Thompson	**13**	**1300EST**			**0**	**0**			**Hail (0.88)**
	Nickle sized hail.								
MICHIGAN, West									
Allegan County									
Martin	**02**	**0810EST**			**0**	**0**	**10K**		**Thunderstorm Wind (G53)**
Barry County									
Orangeville	**02**	**0832EST**			**0**	**0**	**20K**		**Thunderstorm Wind (G53)**
	A cold front caused strong to severe thunderstorms to develop in Wisconsin during the late afternoon hours, and a few strong to severe thunderstorms developed across southwestern lower Michigan in the evening. Law enforcement in Martin (eastern Allegan County) reported that 2 trees were blown down. Trees were also blown down in two separate areas of Orangeville (Barry County).								
Mason County									
Scottville	**13**	**2040EST** **2050EST**			**0**	**0**	**20K**	**10K**	**Hail (1.00)**
Newaygo County									
Bitely	**13**	**2130EST**			**0**	**0**	**25K**		**Thunderstorm Wind (G53)**
Oceana County									
Walkerville	**13**	**2130EST**			**0**	**0**	**50K**	**25K**	**Hail (1.75)**
Lake County									
Countywide	**13**	**2150EST**			**0**	**0**	**25K**		**Thunderstorm Wind (G53)**
Gratiot County									
Sumner	**14**	**0010EST**			**0**	**0**	**20K**		**Thunderstorm Wind (G53)**
Gratiot County									
Perrinton	**14**	**0035EST**			**0**	**0**	**20K**	**10K**	**Hail (0.75)**
	Severe thunderstorms developed during the late evening hours of the 13th across west central lower Michigan, producing several reports of large hail and wind damage. The first report of hail came in from Scottville (Mason County) at 8:40 p.m. EST, where one inch hail fell. Eight minutes later, one and three quarters inch hail was reported 2 miles east of Scottville. Several trees were also blown down onto homes in Scottville between 8:40 and 8:50 p.m. Law enforcement reported numerous trees down across the northern portion of Newaygo County, including the community of Bitely, at 9:30 p.m. EST. One and three quarters inch hail was observed in Walkerville (Oceana County) at 9:30 p.m. EST. Law enforcement reported large tree limbs and several power lines down in Sweetwater Township (Lake County) at 9:50 p.m. EST. A large tree was downed in Sumner (Gratiot County) at 12:10 a.m. EST on the 14th. Three quarters inch hail was reported in Perrinton, also in Gratiot County, at 12:35 a.m.								
Ingham County									
Williamston	**14**	**1330EST**			**0**	**0**	**20K**	**10K**	**Hail (0.88)**
Jackson County									
Rives Jct	**14**	**1408EST**			**0**	**0**	**20K**	**10K**	**Hail (0.88)**
Gratiot County									
Ashley	**14**	**1600EST**			**0**	**0**	**25K**	**20K**	**Hail (1.75)**
	Thunderstorms that produced several reports of large hail developed across south central lower Michigan during the afternoon hours of July 14th in an unstable air mass preceding the arrival of a trough of low pressure. 0.88" diameter hail was reported 4 miles north of Williamston, in Ingham County, at 1:30 p.m. EST. 0.88" diameter hail was also reported in Rives Junction (Jackson County) at 2:08 p.m. EST. Local law enforcement reported one and three quarters inch hail in Ashley (Gratiot County) at 4:00 p.m. EST.								
Van Buren County									
Bangor	**27**	**1800EST**			**0**	**0**	**25K**		**Thunderstorm Wind (G53)**

Storm Data and Unusual Weather Phenomena

July 2000

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

MICHIGAN, West

An isolated severe thunderstorm that affected Bangor (Van Buren County) produced strong wind gusts that downed an 18 inch diameter tree, as well as numerous 12 inch diameter trees near Van Auken Lake and along County Road 376.

Barry County									
Hastings	**28**	**1130EST**			**0**	**0**	**25K**		**Thunderstorm Wind (G53)**
Kalamazoo County									
Kalamazoo	**28**	**1145EST**			**0**	**0**	**50K**		**Thunderstorm Wind (G53)**
Kent County									
Ada	**28**	**1221EST**			**0**	**0**	**20K**	**10K**	**Hail (0.88)**
Kalamazoo County									
Vicksburg	**28**	**1255EST**			**0**	**0**	**20K**	**10K**	**Hail (0.75)**
Ionia County									
Lake Odessa	**28**	**1300EST**			**0**	**0**	**10K**		**Thunderstorm Wind (G53)**
Eaton County									
Bellevue	**28**	**1301EST**			**0**	**0**	**10K**		**Thunderstorm Wind (G53)**
Kent County									
Cascade	**28**	**1321EST**			**1**	**1**	**20K**		**Thunderstorm Wind (G53)**
	M28VE								
Jackson County									
Parma	**28**	**1504EST**			**0**	**0**	**10K**		**Thunderstorm Wind (G53)**

A line of severe thunderstorms produced one fatality and numerous reports of wind damage and 1 report of large hail during the afternoon hours of July 28th. Law enforcement reported numerous trees down across Barry County at 11:30 a.m. EST. Trees and power lines were downed in the Kalamazoo and Parchment areas (Kalamazoo County) at 11:45 a.m. EST. 0.88" hail was observed in Ada at 12:21 p.m. EST. Three quarters inch hail was reported by a trained spotter in Vicksburg (Kalamazoo County) at 12:55 p.m. EST.

Law enforcement reported a downed tree at Lake Odessa (Ionia County) at 1 p.m. EST. A tree was also downed 1 mile north of Bellevue (Eaton County) at 13:01 p.m. EST.

One person was killed in Cascade Township (Kent County) at 1:21 p.m. EST. The fatality occurred when a tree limb fell on an automobile, killing the driver at the intersection of Cascade Road and 45th Street.

A tree was also downed at the intersection of Erie and Little roads (1 mile southwest of Parma, Jackson County) at 3:04 p.m. EST.

MINNESOTA, Central and South Central

Lac Qui Parle County									
3 S Louisburg	**02**	**0050CST**			**0**	**0**			**Hail (1.00)**
Lac Qui Parle County									
3 E Cerro Gordo	**02**	**0100CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Pea size hail and crop damage also occurred at this location.									
Kandiyohi County									
Sunburg	**05**	**0435CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Numerous trees down. One house damage by fallen tree.									
Kandiyohi County									
5 E Sunburg	**05**	**0440CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Several trees down, one damaged cabin at Norway lake.									
Kandiyohi County									
Spicer	**05**	**0455CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Several residences and vehicles damaged from falling trees.									
Renville County									
4 N Olivia	**05**	**0505CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Semi-truck blown off the road.									
Stearns County									
Paynesville	**05**	**0520CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Several large trees down.									
Mille Lacs County									
Princeton Muni Arpt	**07**	**0858CST**			**0**	**0**			**Thunderstorm Wind (G54)** M
Several large trees down in Princeton. Top of silo blown off.									
Sherburne County									
Zimmerman	**07**	**0906CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Large trees and powerlines blown down.									

Storm Data and Unusual Weather Phenomena

July 2000

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
MINNESOTA, Central and South Central									
Sherburne County									
2 N Zimmerman	**07**	**0908CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Large trees felled.									
Anoka County									
St Francis	**07**	**0925CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Power lines down.									
Anoka County									
2 NW Ramsey	**07**	**0930CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees down.									
Anoka County									
Anoka	**07**	**0935CST**			**0**	**0**			**Hail (1.50)**
		0937CST							
Anoka County									
Lino Lakes	**07**	**0945CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Trees down and truck turned over.									
Washington County									
Lake Elmo	**07**	**0955CST**	**0.1**	**10**	**0**	**0**			**Tornado (F0)**
		0956CST							
Tornado occurred near County Rd. 7 and County Rd. 92 area. No damage reported.									
Ramsey County									
New Brighton	**07**	**0957CST**			**0**	**0**			**Thunderstorm Wind (G65)**
Roof damage to lumber building near I-694 and 35W.									
Ramsey County									
White Bear Lake to	**07**	**1000CST**			**0**	**0**			**Hail (0.75)**
White Bear Beach		**1002CST**							
Ramsey County									
White Bear Lake	**07**	**1005CST**			**0**	**0**			**Thunderstorm Wind (G65)**
Large signs down at Belair and County Rd. E.									
Ramsey County									
White Bear Lake	**07**	**1005CST**			**0**	**0**			**Thunderstorm Wind (G65)**
Several large trees down. Major roof damage to residence due to falling tree. Windows broken in several homes.									
Ramsey County									
Maplewood	**07**	**1007CST**			**0**	**0**			**Hail (1.75)**
		1010CST							
Ramsey County									
North St Paul	**07**	**1008CST**			**0**	**0**			**Hail (1.75)**
		1012CST							
Ramsey County									
Maplewood	**07**	**1010CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Several large trees down.									
Ramsey County									
Vadnais Hgts	**07**	**1010CST**			**0**	**0**			**Thunderstorm Wind (G70)**
Several buildings blown down.									
Washington County									
Oakdale	**07**	**1010CST**			**0**	**0**			**Hail (1.75)**
The Courier news reported that Washington county sustained an estimated $1.8 million in crop losses. The crops were corn, soybean and vegetables.									
Washington County									
Oakdale	**07**	**1011CST**			**0**	**0**			**Hail (1.75)**
		1012CST							
Ramsey County									
Vadnais Hgts	**07**	**1012CST**			**0**	**0**			**Hail (1.50)**
		1015CST							
Estimated hail size. Approximately 765 new cars damaged at local dealership									
Washington County									
Oakdale	**07**	**1012CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Large trees severely damaged two mobile homes in Whispering Oaks park in Oakdale.									
Washington County									
Oakdale	**07**	**1014CST**			**0**	**0**			**Hail (1.75)**
		1017CST							
Ramsey County									
North St Paul	**07**	**1015CST**			**0**	**0**			**Hail (2.00)**
		1018CST							

Storm Data and Unusual Weather Phenomena

July 2000

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
MINNESOTA, Central and South Central									
Ramsey County									
North St Paul	**07**	**1015CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Numerous large trees down.									
Washington County									
Lake Elmo	**07**	**1015CST**			**0**	**0**			**Hail (0.75)**
		1017CST							
Washington County									
2 NW Lake Elmo to	**07**	**1015CST**			**0**	**0**			**Hail (1.75)**
Lake Elmo		**1018CST**							
Hail reported near Lake Jane.									
Ramsey County									
St Paul	**07**	**1024CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Power lines down at Iowa Ave. and Parkway Drive.									
Goodhue County									
Red Wing	**07**	**1115CST**			**0**	**0**			**Hail (0.75)**
Douglas County									
1 W Kensington	**07**	**1840CST**			**0**	**0**			**Hail (0.75)**
		1842CST							
Douglas County									
Kensington	**07**	**1845CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees felled.									
Douglas County									
4 E Kensington	**07**	**1850CST**			**0**	**0**			**Hail (1.25)**
		1852CST							
Pope County									
Farwell	**07**	**1852CST**			**0**	**0**			**Hail (0.75)**
		1853CST							
Pope County									
.2 NW Lowry to	**07**	**1858CST**	**0.3**	**20**	**0**	**0**			**Tornado (F0)**
.5 NE Lowry		**1910CST**							
Touchdown occurred over open field. A few large trees reported down across area.									
Pope County									
3 W Long Beach to	**07**	**1922CST**			**0**	**0**			**Tornado (F0)**
3.1 W Long Beach		**1930CST**							
Touchdown occurred over Lake Minnewaska, no damage reported.									
Pope County									
2 SW Sedan to	**07**	**1934CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
2.1 SW Sedan		**1940CST**							
Touchdown developed over open field, no damage incurred.									
Pope County									
8 ESE Terrace to	**07**	**1955CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
8.1 ESE Terrace		**2000CST**							
Touchdown developed over open field, no damage reported.									
Dakota County									
Burnsville	**07**	**2240CST**			**0**	**0**			**Hail (1.00)**
		2243CST							
Dakota County									
Apple Vly	**07**	**2245CST**			**0**	**0**			**Hail (0.75)**
		2255CST							
Hail covered the ground.									
Dakota County									
Eagan	**07**	**2245CST**			**0**	**0**			**Hail (0.75)**
		2246CST							
Dakota County									
Eagan	**07**	**2250CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Four inch diameter tree limbs severed.									
Hennepin County									
Golden Vly	**07**	**2258CST**			**0**	**0**			**Hail (1.00)**
		2300CST							
Dakota County									
Eagan	**07**	**2300CST**			**1**	**0**			**Flood**
	08	**0200CST**							

Storm Data and Unusual Weather Phenomena

July 2000

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

MINNESOTA, Central and South Central

Widespread flooding in Eagan and neighboring portions of Rosemount, Apple Valley, and Burnsville. Between 6 and 12 inches of rain fell during this 3 hour event. One man died of drowning after being swept into a culvert. Over 200 homes in Eagan incurred water damage. Numerous homes in Rosemount and Burnsville reported basement flooding. Minor to moderate damage to forty homes in Burnsville. Numerous roads in Eagan, Burnsville and Rosemount flooded; numerous vehicles stalled. Portions of Pilot Knob Rd. destroyed along with retaining wall. M20IW

Hennepin County
Minneapolis 07 2300CST 0 0 Hail (0.75)
2302CST
Report occurred at 44th and France.

Hennepin County
Minneapolis 07 2305CST 0 0 Hail (1.00)
2307CST
Hail occurred in southwest Minneapolis. Northern States Power reported a total of 135,000 residents across the Twin Cities metro area were without power for several hours.

Hennepin County
Minneapolis 07 2310CST 0 0 Thunderstorm Wind (G55)
Large tree blown down near lake Harriet.

Dakota County
Burnsville 07 2330CST 0 0 Hail (0.88)
2332CST

Kanabec County
10 N Mora 08 1929CST 0 0 Thunderstorm Wind (G50)
Trees downed on power lines near Knife lake.

Todd County
Staples 08 2043CST 0.1 20 0 0 Tornado (F2)
2047CST
Roofs blown off homes and one business. At least one dozen homes damaged. Numerous large trees down. Tornado crossed over from Wadena county.

Morrison County
5 N Pierz 08 2155CST 0 0 Thunderstorm Wind (G50)
Trees felled.

Morrison County
Flensburg 08 2210CST 0 0 Hail (0.75)
2212CST

Morrison County
Little Falls 08 2210CST 0 0 Thunderstorm Wind (G50)
Trees blown down.

Morrison County
Little Falls 08 2245CST 0 0 Urban/Sml Stream Fld
09 0245CST
Several streets flooded, vehicles stranded.

Steele County
Blooming Prairie 08 2300CST 0 0 Urban/Sml Stream Fld
09 0300CST
Estimated 3-4 inches of rain fell during period. Street flooding, several homes incurred basement flooding.

Isanti County
Braham 08 2305CST 0 0 Thunderstorm Wind (G50)
Tree fell on home.

Brown County
Sleepy Eye 09 2200CST 0 0 Thunderstorm Wind (G55)
Several large trees toppled.

Martin County
Fairmont 09 2208CST 0 0 Thunderstorm Wind (G60)

Martin County
6 E Fairmont 09 2210CST 0 0 Thunderstorm Wind (G55)
Rose Lake Golf club east of Fairmont reported 25 trees down.

Faribault County
Blue Earth 09 2255CST 0 0 Thunderstorm Wind (G55)
Trees and power lines down.

Kanabec County
Ogilvie 25 1445CST 0 0 Hail (0.75)
1447CST

Storm Data and Unusual Weather Phenomena

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
MINNESOTA, Central and South Central									
Kanabec County									
Ogilvie	**25**	**1500CST**			**0**	**0**			**Hail (0.75)**
		1502CST							
Kanabec County									
Mora	**25**	**1505CST**			**0**	**0**			**Hail (0.75)**
		1507CST							
Douglas County									
Evansville	**25**	**1518CST**			**0**	**0**			**Hail (1.75)**
		1523CST							
Douglas County									
4 S Osakis	**25**	**1555CST**			**0**	**0**			**Hail (0.88)**
		1557CST							
Pope County									
Glenwood	**25**	**1558CST**			**0**	**0**			**Thunderstorm Wind (G60)**
		1559CST							
	Trees and power lines down.								
Chippewa County									
Milan	**25**	**1615CST**			**0**	**0**			**Hail (1.50)**
		1620CST							
Swift County									
Danvers	**25**	**1623CST**			**0**	**0**			**Hail (1.00)**
		1627CST							
Isanti County									
Braham	**25**	**1630CST**			**0**	**0**			**Hail (1.75)**
		1639CST							
Lac Qui Parle County									
6 N Boyd	**25**	**1638CST**	**0.1**	**10**	**0**	**0**			**Tornado (F0)**
		1642CST							
	Minor crop damage.								
Stearns County									
2 S Sauk Centre	**25**	**1638CST**			**0**	**0**			**Thunderstorm Wind (G60)**
		1639CST							
	Power lines down.								
Stearns County									
1 S Sauk Centre	**25**	**1642CST**			**0**	**0**			**Hail (1.75)**
		1650CST							
Yellow Medicine County									
4 S Canby	**25**	**1650CST**	**0.2**	**20**	**0**	**0**			**Tornado (F0)**
		1654CST							
	No damage, touchdown in open field.								
Yellow Medicine County									
8.5 NW Granite Falls	**25**	**1657CST**	**2**	**167**	**1**	**15**	**20M**		**Tornado (F4)**
		1725CST							
	The tornado first touched down in rural Yellow Medicine County, 8 miles west, and 3 miles north of Granite Falls. The tornado lifted before exiting Granite Falls, leaving a concentrated damage path two miles long, and 500 feet wide, through a primarily residential area of Granite Falls. Most of the damage in Granite Falls was caused by F2 to F3 wind speeds. However, this tornado has been classified as a minimal a minimal F4 tornado, based on the estimated maximum wind speed intensity derived from the twisted reckage of a railroad car. It was found near the intersection of 9th Avenue and 14th street in Granite Falls.								
	M82PH								
Chisago County									
Harris	**25**	**1700CST**			**0**	**0**			**Hail (0.75)**
Stearns County									
2 S Spring Hill	**25**	**1735CST**			**0**	**0**			**Hail (0.75)**
		1737CST							
Renville County									
Renville	**25**	**1736CST**			**0**	**0**			**Hail (0.88)**
		1739CST							
Renville County									
1 W Renville	**25**	**1745CST**			**0**	**0**			**Hail (0.75)**
		1747CST							

Storm Data and Unusual Weather Phenomena

July 2000

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
MINNESOTA, Central and South Central									
Renville County									
10 S Bird Island	**25**	**1805CST**			**0**	**0**			**Funnel Cloud**
		1810CST							
Mcleod County									
2 W Hutchinson	**25**	**1820CST**			**0**	**0**			**Funnel Cloud**
		1825CST							
Sherburne County									
Princeton	**25**	**1830CST**			**0**	**0**			**Funnel Cloud**
		1835CST							
Renville County									
4 S Hector	**25**	**1845CST**			**0**	**0**			**Hail (0.75)**
		1848CST							
Renville County									
5 N Fairfax	**25**	**1849CST**			**0**	**0**			**Hail (1.50)**
		1858CST							
Mcleod County									
1 W Winsted	**25**	**1857CST**			**0**	**0**			**Funnel Cloud**
		1900CST							
Mcleod County									
Winsted	**25**	**1902CST**			**0**	**0**			**Hail (0.75)**
		1904CST							
Carver County									
Watertown	**25**	**1915CST**			**0**	**0**			**Funnel Cloud**
		1917CST							
Hennepin County									
Rockford	**25**	**1920CST**			**0**	**0**			**Funnel Cloud**
		1922CST							
Hennepin County									
Minnetrista	**25**	**1922CST**			**0**	**0**			**Funnel Cloud**
		1924CST							
Carver County									
1 S Watertown	**25**	**1925CST**			**0**	**0**			**Funnel Cloud**
		1928CST							
Hennepin County									
St Bonifacius	**25**	**1925CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
		1930CST							
	No damage reported.								
Carver County									
Waconia	**25**	**1926CST**			**0**	**0**			**Funnel Cloud**
		1928CST							
Carver County									
Chanhassen	**25**	**1928CST**			**0**	**0**			**Funnel Cloud**
		1930CST							
Hennepin County									
6 W St Bonifacius	**25**	**1928CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
		1935CST							
	Six to ten acres of corn flattened.								
Hennepin County									
Mound	**25**	**1946CST**			**0**	**0**			**Funnel Cloud**
		1949CST							
Nicollet County									
3 NW Mankato	**25**	**2013CST**			**0**	**0**			**Funnel Cloud**
		2015CST							
Nicollet County									
North Mankato	**25**	**2053CST**			**0**	**0**			**Hail (1.75)**
		2057CST							
Watonwan County									
2 N Madelia	**25**	**2125CST**			**0**	**0**			**Hail (0.75)**
		2128CST							
MINNESOTA, Northeast									
Cook County									
Lutsen	**01**	**1555CST**			**0**	**0**			**Hail (1.00)**
Koochiching County									
Little Fork	**01**	**1620CST**			**0**	**0**			**Hail (1.00)**

Storm Data and Unusual Weather Phenomena

July 2000

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
MINNESOTA, Northeast									
Lake County									
20 N Two Harbors	**01**	**1635CST**			**0**	**0**			**Hail (1.00)**
Lake County									
20 N Two Harbors	**01**	**1658CST**			**0**	**0**			**Hail (1.00)**
St. Louis County									
Nett Lake	**01**	**1700CST**			**0**	**0**			**Hail (1.75)**
St. Louis County									
Orr	**01**	**1711CST**			**0**	**0**			**Hail (0.88)**
St. Louis County									
Ely	**01**	**1730CST**			**0**	**0**			**Hail (1.00)**
St. Louis County									
5 NW Ely	**01**	**1730CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees were blown down. Wind speed is estimated.									
St. Louis County									
10 N Virginia	**01**	**1815CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees were blown down. Wind speed is estimated.									
Lake County									
19 NE Two Harbors	**01**	**1830CST**			**0**	**0**			**Hail (1.75)**
Aitkin County									
Kimberly	**08**	**1440CST**			**0**	**0**			**Hail (1.75)**
Pine County									
Askov	**08**	**1550CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Nine-inch diameter trees were blown down. Wind speed is estimated.									
Pine County									
Askov	**08**	**1610CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Tree branches up to 9 inches in diameter were broken off. Wind speed is estimated.									
Pine County									
3 W Hinckley	**08**	**2013CST**			**0**	**0**			**Hail (2.00)**
Pine County									
3 W Hinckley	**08**	**2013CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Pine County									
8 W Hinckley	**08**	**2042CST**			**0**	**0**			**Hail (0.75)**
Pine County									
Brook Park	**08**	**2043CST**			**0**	**0**			**Hail (0.75)**
Pine County									
2 N Pine City	**08**	**2058CST**			**0**	**0**			**Hail (0.88)**
Pine County									
Pine City	**08**	**2100CST**			**0**	**0**			**Flash Flood**
Several county roads were washed out by heavy thunderstorm rains, including county roads 8 and 13 west and east of Pine City. Over 4 inches of rain was reported in Pine City itself.									
Crow Wing County									
Brainerd	**08**	**2138CST**			**0**	**0**	**1K**		**Lightning**
Lightning struck a house causing $1,000 in damage.									
St. Louis County									
Fond Du Lac	**08**	**2153CST**			**0**	**0**			**Hail (0.75)**
St. Louis County									
New Duluth	**08**	**2210CST**			**0**	**0**			**Hail (1.00)**
Aitkin County									
10 S Aitkin	**08**	**2220CST**			**0**	**0**			**Lightning**
Lightning started a house fire. There were no injuries.									
Pine County									
Hinckley	**08**	**2232CST**			**0**	**0**			**Hail (1.75)**
Pine County									
3 N Beroun	**25**	**1838CST**			**0**	**0**			**Hail (1.00)**
Pine County									
Pine City	**25**	**1906CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Large tree branches were blown down. Wind speed is estimated.									
Lake County									
14 NE Finland	**31**	**1730CST**			**0**	**0**			**Hail (2.75)**
MINNESOTA, Northwest									
Wilkin County									
7 N Breckenridge	**01**	**2137CST**			**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

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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
MINNESOTA, Northwest									
Becker County									
2 E Evergreen	**01**	**2318CST**			**0**	**0**			**Hail (1.00)**
Becker County									
4 E Evergreen	**01**	**2320CST**			**0**	**0**			**Hail (1.75)**
Beltrami County									
10 N Blackduck	**07**	**0955CST**			**0**	**0**			**Hail (0.75)**
Polk County									
5 W Tabor	**07**	**1005CST**			**0**	**0**			**Hail (1.75)**
Polk County									
6 W Tabor	**07**	**1010CST**			**0**	**0**			**Hail (0.88)**
Pennington County									
8 E Hazel	**07**	**1110CST**			**0**	**0**			**Hail (1.00)**
Pennington County									
7 SE High Lndg	**07**	**1130CST**			**0**	**0**			**Hail (0.75)**
Clearwater County									
14 N Gonvick	**07**	**1145CST**			**0**	**0**			**Hail (0.75)**
Pennington County									
7 SE High Lndg	**07**	**1200CST**			**0**	**0**	**5K**		**Flash Flood**
Four inches of rain fell southeast of Highlanding, where some basement flooding was reported.									
Polk County									
Climax	**07**	**1200CST**			**0**	**0**			**Hail (1.00)**
Polk County									
3 E Climax	**07**	**1205CST**			**0**	**0**			**Hail (0.88)**
Polk County									
6 NE Fertile	**07**	**1230CST**			**0**	**0**			**Hail (1.00)**
Otter Tail County									
8 SW Fergus Falls	**07**	**1646CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Three inch diameter tree branches were blown down.									
Wilkin County									
7 NE Campbell	**07**	**1650CST**			**0**	**0**			**Hail (0.75)**
Grant County									
5 NE Elbow Lake	**07**	**1739CST**			**0**	**0**			**Hail (0.88)**
Otter Tail County									
2 N Perham	**08**	**1920CST**			**0**	**0**			**Hail (1.00)**
Otter Tail County									
3 S New York Mills	**08**	**1945CST**			**0**	**0**			**Hail (3.00)**
The hailstones damaged the steel siding on a home and barn, smashed up 2 cars, and damaged a roof.									
Otter Tail County									
5 W New York Mills	**08**	**1946CST**			**0**	**0**			**Hail (4.50)**
Wadena County									
3 N Wadena	**08**	**1950CST**			**0**	**0**			**Hail (0.75)**
Otter Tail County									
7 SW New York Mills	**08**	**2000CST**			**0**	**0**			**Hail (2.75)**
When the hail hit the Rush Lake area, lake residents reported that the lake looked like it was boiling.									
Otter Tail County									
Deer Creek	**08**	**2020CST**			**0**	**0**			**Hail (3.00)**
		2026CST							
Wadena County									
Verndale to	**08**	**2020CST**	**8**	**100**	**0**	**3**	**500K**		**Tornado (F2)**
4 SE Aldrich		**2043CST**							
A tornado that formed near Verndale intensified as it reached the Aldrich area. A mobile home, garage, barn, and 3 vehicles were destroyed 3 miles east of Aldrich. Two people, inside the mobile home when the tornado hit, suffered cuts, bruises, and a sprained ankle. The couples' son, sitting inside a car parked outside the mobile home, also sustained cuts and bruises. A horse trailer was pushed into his car and then into some nearby trees. Quite a bit of tree damage occurred along the damage path.									
Otter Tail County									
Deer Creek	**08**	**2130CST**			**0**	**0**			**Hail (1.75)**
Otter Tail County									
2 S Bluffton	**08**	**2140CST**			**0**	**0**			**Hail (1.75)**
Otter Tail County									
2 S Bluffton	**08**	**2144CST**			**0**	**0**			**Flash Flood**
Heavy rain washed out several roads and flooded a couple of basements.									
Otter Tail County									
New York Mills	**08**	**2200CST**			**0**	**0**			**Flash Flood**

Storm Data and Unusual Weather Phenomena

July 2000

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
MINNESOTA, Northwest									
Nearly four inches of rain fell across the New York Mills area, causing several streets to be barricaded.									
Otter Tail County									
3 S Battle Lake	**08**	**2230CST**			**0**	**0**			**Hail (0.88)**
Wadena County									
Aldrich	**09**	**0000CST**			**0**	**0**			**Flash Flood**
Heavy rain caused flooding over US Highway 10 between Verndale and Staples.									
Wilkin County									
1 S Lawndale	**24**	**2301CST**			**0**	**0**			**Hail (0.75)**
Otter Tail County									
3 SE Ottertail	**24**	**2305CST**			**0**	**0**			**Hail (0.75)**
Otter Tail County									
10 N Fergus Falls	**24**	**2320CST**			**0**	**0**			**Hail (0.75)**
Otter Tail County									
Ottertail	**24**	**2335CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
A large tree was blown down across highway 78.									
Clearwater County									
2 E Zerkel	**25**	**1155CST**			**0**	**0**			**Hail (1.00)**
Mahnomen County									
1 N Naytahwaush	**25**	**1155CST**			**0**	**0**			**Hail (1.00)**
Clearwater County									
Lake Itasca	**25**	**1215CST**			**0**	**0**			**Hail (0.75)**
Beltrami County									
7 SE Debs	**25**	**1220CST**			**0**	**0**			**Hail (0.75)**
Becker County									
Lake Park	**25**	**1227CST**	**0.5**	**50**	**0**	**0**			**Tornado (F0)**
The tornado touched down briefly in an open field.									
Beltrami County									
Bemidji	**25**	**1230CST**			**0**	**0**			**Hail (1.00)**
Clay County									
Rollag	**25**	**1241CST**			**0**	**0**			**Hail (2.75)**
Hubbard County									
8 NE Lake George	**25**	**1245CST**			**0**	**0**			**Hail (0.88)**
Otter Tail County									
5 W Dent	**25**	**1300CST**			**0**	**0**			**Hail (0.75)**
Mahnomen County									
16 E Waubun	**25**	**1330CST**			**0**	**0**			**Hail (0.75)**
Becker County									
Shoreham	**25**	**1340CST**			**0**	**0**			**Hail (0.75)**
Otter Tail County									
1 W Perham	**25**	**1410CST**			**0**	**0**			**Hail (1.75)**
Otter Tail County									
Ottertail	**25**	**1421CST**			**0**	**0**			**Hail (0.75)**
Otter Tail County									
3 S Henning	**25**	**1448CST**			**0**	**0**			**Hail (1.75)**
Becker County									
12 E White Earth	**25**	**1730CST**			**0**	**0**			**Hail (0.75)**
Lake Of The Woods County									
8 N Williams	**31**	**1820CST** **1825CST**			**0**	**0**			**Hail (0.75)**
Lake Of The Woods County									
8 NE Williams	**31**	**1840CST**			**0**	**0**			**Hail (0.75)**
Lake Of The Woods County									
10.5 N Williams	**31**	**1910CST**			**0**	**0**			**Hail (0.88)**
Otter Tail County									
7 NW Pelican Rapids	**31**	**2011CST**			**0**	**0**			**Hail (1.00)**
MINNESOTA, Southeast									
Houston County									
Brownsville	**02**	**0745CST**			**0**	**0**	**25K**		**Lightning**
Lightning struck a home and started a fire, causing considerable damage to the residence, but there were no injuries.									

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
MINNESOTA, Southeast									
Wabasha County									
Lake City	**07**	**1135CST**			**0**	**0**	**40K**	**150K**	**Hail (1.00)**
Wabasha County									
Conception	**07**	**1200CST**			**0**	**0**			**Hail (0.75)**
Wabasha County									
Wabasha	**07**	**1312CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Hail up to an inch in diameter damaged nearly 300 acres of crops near Lake City (Wabasha County), including a couple of apple orchards, which suffered a complete loss. Several vehicles sustained hail damage as well. The hail storm was considered one of the worst in the area in almost three decades.									
Fillmore County									
1 S Chatfield	**09**	**0420CST**			**0**	**0**	**0.75K**		**Thunderstorm Wind (G55)**
Fillmore County									
3 W Bristol	**09**	**0430CST**			**0**	**0**	**2.5K**		**Thunderstorm Wind (G52)**
Fillmore County									
Granger	**09**	**0440CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G54)**
Law enforcement officials estimated wind gusts of 60 to 65 mph, which blew down trees and damaged the roof on a farm building.									
Fillmore County									
Countywide	**09**	**0810CST**			**0**	**0**	**35K**	**25K**	**Flash Flood**
		1100CST							
Dodge County									
South Portion	**09**	**0920CST**			**0**	**0**	**25K**	**20K**	**Flash Flood**
		1215CST							
Mower County									
Countywide	**09**	**0920CST**			**0**	**0**	**20K**	**25K**	**Flash Flood**
		1215CST							
3 to 4 inches of rain in a couple of hours caused flash flooding, which forced the closure of several roads due to high water. Spring Valley Creek rose so rapidly that residents of Spring Valley (Fillmore County) were forced to sandbag around homes and businesses.									
Mower County									
5 E Austin	**09**	**2335CST**			**0**	**0**			**Hail (0.75)**
Mower County									
Countywide	**10**	**0004CST**			**0**	**0**	**75K**	**60K**	**Flash Flood**
		0200CST							
3 to 4 inches of rain caused flash flooding, which forced the closure of several roads due to washouts. Numerous homes and businesses, especially in Austin, were damaged by flood waters.									
Dodge County									
Countywide	**10**	**0033CST**			**0**	**0**	**65K**	**85K**	**Flash Flood**
		0320CST							
3 to 4 inches of rain caused flash flooding problems, with several roads closed due to high water. In fact, law enforcement officials reported two feet of water across Highway 218 in the southwest part of the county.									
Fillmore County									
Countywide	**10**	**0100CST**			**0**	**0**	**150K**	**100K**	**Flood**
		1045CST							
After 3 to 4 inches of rain hit the area during the early morning of July 9, similar amounts in the early morning hours of July 10 caused extensive flash flooding, especially in Spring Valley. 50 residents of a nursing home had to be evacuated due to rapidly rising flood waters. In a separate incident, two individuals had to be rescued when they tried to cross a flooded area on foot. Low spots in fields became swollen rivers, flattening acres and acres of corn.									
Houston County									
Countywide	**10**	**0100CST**			**0**	**0**	**25K**	**20K**	**Flash Flood**
		0300CST							
Law enforcement officials reported numerous county roads were flooded after 3 to 4 inches of rainfall occurred within a two hour period.									
MNZ094	**Mower**								
	10	**0200CST**			**0**	**0**	**400K**	**200K**	**Flood**
	11	**1700CST**							
6 to 7 inches of rain over a two-day period resulted in the Cedar River reaching unprecedented levels. At Austin, the river crested at a record 23.4 feet on July 11, nearly 8.5 feet above flood stage. This broke the previous flood of record, which was 21.9 feet set in July 1978. Interstate 90 and several other roads had to be closed due to high water. Numerous homes and businesses were damaged by flood waters.									
MNZ095>096	**Fillmore - Houston**								
	10	**0500CST**			**0**	**0**	**155K**	**325K**	**Flood**
	13	**2000CST**							
Flooding rains that fell during the early morning of July 9 and 10 caused the Root River to overflow its banks for the second time in as many months. A family living along the river near Hokah (Houston County) had to be rescued due to rising water. Extensive flooding of farmland negated the reseeding of crops, which were lost due to flooding in June. At Hokah, the river crested on July 12									

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
MINNESOTA, Southeast									
at 49.4 feet, nearly 2.5 feet above flood stage.									
MINNESOTA, Southwest									
Cottonwood County									
4 N Storden	**02**	**0210CST**			**0**	**0**			**Hail (0.75)**
Large hail damaged crops. The amount of crop damage could not be determined, partly because there was also wind damage to crops.									
Cottonwood County									
4 N Storden to Storden	**02**	**0210CST 0215CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G52)**
Thunderstorm winds caused tree damage, mostly downed branches. The winds also damaged screens and the paint on a house. Crop damage was suspected, but the anount of crop damage could not be determined, partly because hail falling at the same time also caused damage.									
Cottonwood County									
2 W Jeffers	**02**	**0230CST**			**0**	**0**			**Hail (1.00)**
Cottonwood County									
3 NW Mountain Lake	**02**	**0305CST**			**0**	**0**			**Hail (0.75)**
Nobles County									
4 W Brewster	**02**	**0225CST**			**0**	**0**			**Hail (2.00)**
Jackson County									
8 W Okabena to Okabena	**02**	**0230CST 0300CST**			**0**	**0**	**100K**	**2M**	**Hail (1.75)**
Large hail destroyed or damaged 15,000 acres of corn and soybean crops. The hail also broke windows, dented vehicles, and damaged siding.									
Murray County									
Slayton	**05**	**0510CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Murray County									
5 S Dovray	**05**	**0535CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Rock County									
2 W Beaver Creek	**11**	**1840CST**			**0**	**0**			**Hail (0.75)**
Rock County									
Luverne	**11**	**1840CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds caused tree damage, including large branches down.									
Rock County									
5 NE Luverne	**11**	**1845CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G61)**
Thunderstorm winds caused tree damage at Blue Mounds State Park, including several large trees blown down.									
Lincoln County									
8 NE Wilno to 3 N Tyler	**25**	**1710CST 1820CST**			**0**	**0**		**500K**	**Hail (2.75)**
Large hail over the eastern part of Lincoln County caused widespread crop damage. Crop damage estimates were available but were incomplete. The hail also broke windows and dented vehicles, but the amount of property damage was not known.									
Lyon County									
6 SW Minneota to 2 NW Balaton	**25**	**1720CST 1842CST**			**0**	**0**		**500K**	**Hail (1.75)**
Large hail caused widespread crop damage, with soybean crops especially hard hit. Crop damage estimates were available but incomplete.									
Lyon County									
6 SW Minneota	**25**	**1720CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Lyon County									
2 NW Marshall	**25**	**1725CST**	**0.1**	**50**	**0**	**0**			**Tornado (F0)**
A brief tornado caused no reported damage.									
Nobles County									
Lismore	**25**	**1903CST**			**0**	**0**		**250K**	**Hail (1.00)**
Nobles County									
Rushmore	**25**	**1920CST**			**0**	**0**		**250K**	**Hail (1.25)**
Nobles County									
Worthington	**25**	**2023CST**			**0**	**0**		**250K**	**Hail (1.75)**
Nobles County									
Worthington	**25**	**2045CST**			**0**	**0**		**250K**	**Hail (0.75)**
Large hail devastated crops in southern Nobles County, with an estimated 15,000 acres damaged or destroyed. The hail accumulated up to three inches near Rushmore., where the worst crop damage was observed.									

Storm Data and Unusual Weather Phenomena

July 2000

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
MINNESOTA, Southwest									
Nobles County									
5 W Adrian to	**25**	**1910CST**	**3**	**200**	**0**	**0**	**150K**		**Tornado (F2)**
3 NW Adrian		**1914CST**							
A tornado damaged buildings, vehicles, and trees on a farm. The tornado destroyed the west side of the house, blew three grain bins away and wrapped them around trees. The tornado also blew the top of a barn off, killing at least 4 calves inside.									
Nobles County									
Adrian	**25**	**1915CST**	**0.1**	**50**	**0**	**0**			**Tornado (F0)**
A brief tornado caused no reported damage.									
Nobles County									
Rushmore	**25**	**1920CST**	**0.1**	**50**	**0**	**0**			**Tornado (F0)**
A brief tornado caused no reported damage.									
Nobles County									
Rushmore	**25**	**1927CST**	**0.1**	**50**	**0**	**0**			**Tornado (F0)**
A brief tornado caused no reported damage.									
Nobles County									
2 N Adrian	**25**	**1935CST**	**0.1**	**50**	**0**	**0**			**Tornado (F0)**
A brief tornado caused no reported damage.									
MINNESOTA, West									
NONE REPORTED.									
MINNESOTA, West Central									
Big Stone County									
Beardsley	**12**	**2315CST**			**0**	**0**			**Thunderstorm Wind (G61)**
MISSISSIPPI, Central									
Simpson County									
Pinola	**09**	**1700CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
A few trees were blown down and caused some minor damage.									
Hinds County									
2 SW Raymond to	**09**	**1730CST**			**0**	**0**	**50K**		**Thunderstorm Wind**
2 E Raymond		**1735CST**							
Numerous trees were blown down. Over 20 utility poles were blown down. Several buildings received roofing damage. A barn was destroyed. The canopy was blown off of a house trailer.									
Hinds County									
2 E Raymond	**09**	**1735CST**			**0**	**0**			**Hail (0.75)**
Lowndes County									
1 S Caledonia	**10**	**2050CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
A few trees were blown down and caused minor damage.									
MSZ048-054	**Hinds - Copiah**								
	13	**1117CST**			**2**	**0**			**Excessive Heat**
		1650CST							
M35OU, M56OT									
Webster County									
Grady	**13**	**1950CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Several trees were blown down onto a power line.									
MSZ060	**Adams**								
	14	**1813CST**			**1**	**0**			**Excessive Heat**
M93OT									
Clay County									
Whites	**15**	**1850CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Several trees were blown down and caused minor damage.									
Lowndes County									
Columbus Afb	**15**	**2030CST**			**0**	**0**			**Thunderstorm Wind (G52)**
A wind of 55 mph gusting to 60 mph was recorded at Columbus AFB.									
Lowndes County									
Countywide to	**15**	**2036CST**			**1**	**1**	**1.2M**		**Thunderstorm Wind**
Columbus		**2045CST**							
A large tree limb fell on a car in Columbus and one woman in the car was killed. A man in the car was injured. The marina at the Columbus Lock and Dam on Columbus Lake collapsed and was almost totally destroyed. Several boats in the marina were damaged or destroyed. A 20 foot porch on a mobile home in Columbus was blown away. Numerous trees were blown down. F22VE									
Jasper County									
Countywide	**16**	**1530CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		1545CST							

Storm Data and Unusual Weather Phenomena

July 2000

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

MISSISSIPPI, Central

Many trees were blown down and caused minor damage to homes and other buildings. Many power lines were blown down.

Jones County
Countywide — **16** — **1535CST** / **1610CST** — **0** — **0** — **4K** — **Thunderstorm Wind**
Several trees and power lines were blown down.

Lamar County
Countywide — **16** — **1650CST** — **0** — **0** — **8K** — **Thunderstorm Wind**
A few trees were blown down, and one tree caused damage to a trailer.

Forrest County
Hattiesburg — **16** — **1655CST** — **0** — **0** — **20K** — **Thunderstorm Wind**
Several trees were blown down and caused damage to a house and to a car.

Neshoba County
1 S Philadelphia — **16** — **1720CST** — **0** — **0** — **3K** — **Thunderstorm Wind**
Several trees were blown down and caused minor damage. Several power lines were blown down.

Marion County
Columbia — **16** — **1730CST** — **0** — **0** — **3K** — **Thunderstorm Wind**
Several trees and large limbs were blown down and caused minor damage.

Neshoba County
Neshoba to 3 N Neshoba — **16** — **1738CST** — **0** — **0** — **Hail (0.75)**

Neshoba County
1 S Neshoba — **16** — **1750CST** — **0** — **0** — **2K** — **Thunderstorm Wind**
Several trees were blown down and caused some minor damage.

Newton County
Union — **16** — **1750CST** — **0** — **0** — **5K** — **Thunderstorm Wind**
Numerous trees were blown down and caused minor damage.

Newton County
Decatur — **16** — **1810CST** — **0** — **0** — **5K** — **Thunderstorm Wind**
Numerous trees were blown down and caused some damage.

Jasper County
Rose Hill — **16** — **1830CST** — **0** — **0** — **2K** — **Thunderstorm Wind**
Several trees were blown down and caused minor damage.

Newton County
Countywide — **16** — **1830CST** — **0** — **0** — **10K** — **Thunderstorm Wind**
Many trees were blown down across the county and caused minor damage to several buildings.

Marion County
Columbia — **17** — **1237CST** / **1240CST** — **0** — **0** — **2K** — **Thunderstorm Wind**
Several trees were blown down and caused minor damage.

Leake County
Lena — **17** — **1425CST** — **0** — **0** — **30K** — **Thunderstorm Wind**
At least 8 chicken houses sustained significant damage. A storage shed was damaged. A trailer filled with furniture was overturned. Numerous trees and large limbs were blown down and caused damage to several structures.

Smith County
Polkville — **17** — **1505CST** — **0** — **0** — **Hail (0.75)**

Smith County
Countywide — **17** — **1514CST** — **0** — **0** — **5K** — **Thunderstorm Wind**
Many trees were blown down and caused minor damage.

Jefferson County
3 N Union Church — **17** — **1515CST** — **0** — **0** — **2K** — **Thunderstorm Wind**
A few trees were blown down and caused some minor damage.

Newton County
5 S Conehatta — **17** — **1515CST** — **0** — **1** — **25K** — **Thunderstorm Wind**
A metal building containing a welding business was severely damaged. A man in the building was injured on the head and shoulders by falling debris. The man required medical attention to close up a large cut on his head. A house received roof damage from a fallen tree. A shed was destroyed. Several trees were blown down along highway 489.

Smith County
Taylorsville — **17** — **1515CST** — **0** — **0** — **15K** — **Thunderstorm Wind**
A new home received roof damage and the patio doors were damaged. Two barns were damaged.

Scott County
Countywide — **17** — **1520CST** — **0** — **0** — **8K** — **Thunderstorm Wind**
Many trees were blown down and caused some damage. A number of power lines were blown down.

Storm Data and Unusual Weather Phenomena

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
MISSISSIPPI, Central									
Franklin County									
Roxie	**17**	**1540CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Several trees were blown down and caused minor damage.									
Jasper County									
Stringer	**17**	**1540CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Several power lines were blown down.									
Lawrence County									
Monticello	**17**	**1545CST**			**0**	**0**	**20K**		**Thunderstorm Wind**
A section of the roof at the Monticello health department was blown off. Windows at the town library were blown out. Large limbs were blown down which caused downed power lines and power outages.									
Jones County									
7 NW Laurel	**17**	**1550CST**			**0**	**0**			**Hail (0.75)**
Jones County									
7 NW Laurel	**17**	**1550CST**			**0**	**1**	**15K**		**Thunderstorm Wind**
Several trees were blown down, and a man suffered a fractured neck when a large tree limb was blown onto his car.									
Hinds County									
3 W Utica to	**17**	**1620CST**			**0**	**0**	**4K**		**Thunderstorm Wind**
4 S Raymond		**1625CST**							
Several trees were blown down and caused minor damage.									
Rankin County									
2 S Florence	**17**	**1630CST**			**0**	**0**	**4K**		**Thunderstorm Wind**
Several trees were blown down causing minor damage, and several power lines were blown down.									
Adams County									
Countywide	**17**	**1636CST**			**0**	**0**	**4K**		**Thunderstorm Wind**
Several trees and power lines were blown down.									
Adams County									
Natchez	**17**	**1636CST**			**0**	**0**			**Hail (0.75)**
Copiah County									
Hazlehurst	**17**	**1650CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
A few trees were blown down and caused minor damage.									
Jefferson County									
Stampley	**17**	**1650CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Several trees were blown down and caused minor damage.									
Madison County									
Flora	**17**	**1730CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Several large limbs and at least one tree were blown down and caused minor damage.									
Hinds County									
Bolton	**17**	**1745CST**			**0**	**0**	**25K**		**Thunderstorm Wind**
A mobile home was severely damaged when it was blown into a ditch.									
Warren County									
Eagle Bend	**17**	**1820CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Several power lines were blown down.									
Holmes County									
Countywide	**17**	**1950CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
A few trees and many large limbs were blown down. Several large limbs fell on power lines causing widespread power outages.									
Madison County									
Camden	**17**	**2025CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
		2030CST							
Several large limbs were blown down onto power lines and caused power outages.									
MSZ019	**Sunflower**								
	17	**1700CST**			**1**	**0**			**Excessive Heat**
F59OT									
Covington County									
Williamsburg	**18**	**1510CST**			**0**	**0**	**20K**		**Thunderstorm Wind**
Several chicken houses received major damage. Several trees were blown down and caused minor damage.									
Lincoln County									
Countywide	**18**	**1539CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
		1557CST							
Several trees were blown down in western portions of the county causing minor damage.									
Lincoln County									
10 SW Brookhaven	**18**	**1555CST**			**0**	**0**			**Hail (0.75)**
Simpson County									
Countywide	**18**	**1645CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1715CST							

Storm Data and Unusual Weather Phenomena

July 2000

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
MISSISSIPPI, Central									
		Numerous trees were blown down throughout the county with minor damage to a few structures.							
Rankin County									
2 E Star	**18**	**1655CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
		Several trees were blown down and caused minor damage.							
Marion County									
6 W Columbia	**19**	**1530CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
		Several trees were blown down and caused minor damage.							
MSZ018	**Bolivar**								
	20	**1400CST**			**0**	**0**	**20K**		**High Wind**
		High winds from a strong outflow boundary well ahead of a line of thunderstorms produced scattered damage in the county. A window was blown out of a shop in downtown Cleveland, several roofs received some damage, and some power lines were blown down.							
Winston County									
5 NE Louisville	**20**	**1430CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
		Several trees were blown down onto power lines.							
Noxubee County									
10 E Macon	**20**	**1433CST**			**0**	**0**			**Hail (0.88)**
Clarke County									
Shubuta	**20**	**1435CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
		A few trees and large limbs were blown down and caused minor damage.							
Lauderdale County									
3 N Meridian	**20**	**1437CST**			**0**	**0**	**4K**		**Thunderstorm Wind**
		Many shingles were blown off of a house. A small shed was destroyed. Several trees were blown down.							
Kemper County									
Scooba	**20**	**1440CST**			**0**	**0**			**Hail (0.75)**
Lauderdale County									
Collinsville	**20**	**1455CST**			**0**	**0**			**Hail (0.88)**
Clay County									
West Pt	**20**	**1456CST**			**0**	**0**	**4K**		**Thunderstorm Wind**
		1530CST							
		Many trees were blown down causing downed power lines and minor damage to a few buildings.							
Noxubee County									
Brooksville	**20**	**1515CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
		Several power lines were blown down.							
Lowndes County									
Countywide	**20**	**1518CST**			**0**	**0**	**100K**		**Thunderstorm Wind**
		1545CST							
		Numerous trees and power lines were blown down. Several buildings and vehicles sustained major damage.							
Lauderdale County									
Countywide	**20**	**1540CST**			**0**	**0**	**30K**		**Thunderstorm Wind**
		Many trees were blown down across the county and caused some damage to structures. Several power line poles were blown down and damaged some vehicles. Many power lines were blown down.							
Oktibbeha County									
8 SE Starkville	**20**	**1540CST**			**0**	**0**	**20K**		**Thunderstorm Wind**
		An open air hay barn was destroyed, and several pecan trees were blown down on one property. The storm also blew down a large tree and ripped the shingles off of a barn on an adjacent property.							
Clarke County									
Quitman	**20**	**1545CST**			**0**	**0**	**4K**		**Thunderstorm Wind**
		Several trees were blown down causing minor damage to a few structures and downing some power lines.							
Lowndes County									
Columbus	**20**	**1605CST**			**1**	**0**	**50K**		**Thunderstorm Wind**
		1615CST							
		A man was killed when a large tree was blown onto and through his house. Many other trees were blown down and caused damage to several homes and vehicles. M89PH							
Jones County									
Countywide	**20**	**1615CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		1650CST							
		Several trees were blown down and caused minor damage to several structures.							
Lawrence County									
Jayess	**20**	**1615CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
		Several trees were blown down and caused minor damage.							
Forrest County									
Petal	**20**	**1630CST**			**0**	**0**	**10K**		**Hail (1.00)**
		Several roofs were damaged.							

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

MISSISSIPPI, Central

Forrest County

Petal **20** **1715CST** **1** **0** **Lightning**

A woman went into cardiac arrest and died the next day after being struck by lightning while feeding ducks at a pond. At the time, her husband said there was the sound of thunder in the distance, but not nearby. F48OU

Jasper County

Heidelberg **20** **1800CST** **0** **0** **5K** **Thunderstorm Wind**

Several trees were blown down causing minor damage. Several power lines were blown down.

Jones County

Sandersville **20** **1805CST** **0** **0** **5K** **Thunderstorm Wind**

Several trees were blown down and caused minor damage. Several power lines were knocked down by downed trees and tree limbs.

Jones County

Laurel **20** **1845CST** **0** **0** **3K** **Thunderstorm Wind**

Several trees were blown down and caused minor damage to several buildings.

Lamar County

Lumberton **20** **2110CST** **0** **0** **2K** **Thunderstorm Wind**

A few trees were blown down and caused some minor damage.

MSZ034 **Washington**

20 **1617CST** **1** **0** **Excessive Heat**

M55OT

Lincoln County

Ruth **21** **1351CST** **0** **0** **2K** **Thunderstorm Wind**

A few trees were blown down and caused minor damage.

Jefferson County

10 W Fayette **21** **1400CST** **0** **0** **2K** **Thunderstorm Wind**

A few trees were blown down and caused minor damage.

Franklin County

Countywide **21** **1515CST** **0** **0** **5K** **Thunderstorm Wind**

Several large trees were blown down and caused some minor damage.

Copiah County

Hazlehurst **21** **1625CST** **0** **0** **90K** **Thunderstorm Wind**
1655CST

Numerous trees and tree limbs were blown down. Large trees and tree limbs severely damaged or destroyed at least 5 vehicles. Several homes received roof damage. Many power lines were blown down.

Copiah County

Hazlehurst **21** **1635CST** **0** **0** **Hail (0.88)**

Warren County

Countywide **22** **1400CST** **0** **0** **20K** **Thunderstorm Wind**

A large tree fell through a house, causing major damage. The winds caused many downed trees and large limbs to fall on roads and power lines.

Hinds County

Clinton **22** **1504CST** **0** **0** **4K** **Thunderstorm Wind (G52)**

Winds to 60 mph were reported and minor damage was reported due to fallen trees.

Hinds County

Byram to Raymond **22** **1510CST** **0** **0** **5K** **Thunderstorm Wind**
1520CST

Several trees were blown down with only minor damage reported.

Rankin County

Florence to 5 SE Florence **22** **1510CST** **0** **0** **25K** **Thunderstorm Wind**

The roof was blown off of a mobile home in Florence. A tree fell on a residence and caused damage. Many trees were blown down in the southern part of the county and caused some minor damage.

Rankin County

Brandon **22** **1530CST** **0** **0** **5K** **Thunderstorm Wind**

Several trees were blown down and caused downed power lines and additional minor damage.

Simpson County

Countywide **22** **1540CST** **0** **0** **15K** **Thunderstorm Wind**
1630CST

Numerous trees were blown down throughout the county which caused downed power lines and damaged some structures.

Lincoln County

3 W Brookhaven **22** **1600CST** **0** **0** **4K** **Thunderstorm Wind**

About five trees and many large limbs were blown down and caused some power lines to come down. The winds also caused minor property damage.

Covington County

Countywide **22** **1640CST** **0** **0** **5K** **Thunderstorm Wind**

Storm Data and Unusual Weather Phenomena

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
MISSISSIPPI, Central									
Numerous trees were blown down, but only minor damage was reported.									
Smith County									
Raleigh to	**22**	**1640CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
5 S Raleigh		**1645CST**							
Many trees were blown down with minor damage reported.									
Lamar County									
Sumrall to	**22**	**1710CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Purvis		**1730CST**							
Several trees were blown down and caused some power lines to be knocked down.									
Jasper County									
Stringer	**22**	**1723CST**			**0**	**0**	**150K**		**Thunderstorm Wind**
The Post Office in Stringer received major roof damage. At least 12 homes had some roof damage. Five poultry houses had major damage. Seventeen barns and sheds had varying degrees of damage. Two mobile homes received minor damage. Many downed trees were reported.									
Jones County									
Laurel to	**22**	**1725CST**			**0**	**0**	**4K**		**Thunderstorm Wind**
8 SE Laurel		**1730CST**							
A number of trees were blown down causing mainly minor damage including some downed power lines.									
Forrest County									
Countywide	**22**	**1745CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		1805CST							
Many trees were blown down and one tree fell on a house in Brooklyn. Many trees were blown down in rural eastern portions of county.									
Forrest County									
10 S Hattiesburg	**22**	**1745CST**			**0**	**0**	**3K**		**Hail (1.00)**
Hail over Paul Johnson State Park caused minor damage to some cars.									
Jasper County									
2 N Stringer	**26**	**1612CST**			**0**	**0**	**2K**		**Hail (1.00)**
Only minor damage from hail reported.									
Jasper County									
2 N Stringer	**26**	**1612CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Several trees were blown down and blocked highway 15.									
Scott County									
3 S Forest	**26**	**1715CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Several trees were blown down with only minor damage reported.									
Rankin County									
2 N Puckett	**27**	**1225CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Several trees were blown down with only minor damage reported.									
Lamar County									
9 N Sumrall	**27**	**1350CST**			**0**	**0**			**Hail (0.75)**
Lauderdale County									
Meridian	**27**	**1420CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1421CST							
Some minor damage occurred to several structures from large fallen limbs.									
Lauderdale County									
Meridian	**27**	**1421CST**			**0**	**0**			**Hail (0.75)**
Neshoba County									
2 W Philadelphia	**27**	**1430CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Some minor damage was reported from trees down on roads.									
Jasper County									
Countywide	**27**	**1510CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Numerous trees were blown down onto roads across the county but only minor damage was reported.									
Forrest County									
1 W Brooklyn	**27**	**1533CST**			**0**	**0**	**5K**		**Hail (1.75)**
Only minor roof damage occurred from brief period of large hail in a mostly rural area.									
Copiah County									
Crystal Spgs	**27**	**1600CST**			**0**	**0**	**12K**		**Thunderstorm Wind**
Fallen trees in town caused some damage to homes and vehicles.									
Madison County									
Canton	**27**	**1600CST**			**0**	**0**	**25K**		**Thunderstorm Wind**
Several trees and large limbs were blown down...mainly in the downtown area. Tree limbs blown down by the wind knocked down power lines. The roof of a downtown business was damaged and the storefront window was blown out.									
Lawrence County									
Arm	**31**	**1230CST**			**0**	**0**	**2K**		**Thunderstorm Wind**

Storm Data and Unusual Weather Phenomena

July 2000

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
MISSISSIPPI, Central									
	A few trees were blown down with only minor damage reported.								
Forrest County									
Mc Laurin to 3 S Mc Laurin	**31**	**1314CST**			**0**	**0**	**15K**		**Hail (1.00)**
	Minor roof damage occurred from the hail.								
Hinds County									
1 S Raymond	**31**	**1435CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
	A few trees were blown down and caused minor damage.								
Lowndes County									
2 E Columbus	**31**	**1515CST**			**0**	**0**	**4K**		**Thunderstorm Wind**
	A few trees and power lines were blown down.								
MISSISSIPPI, North									
Tippah County									
Ripley	**12**	**1130CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		1135CST							
	Several power lines were blown down.								
MSZ001	**De Soto**								
	13	**0925CST**			**1**	**0**			**Excessive Heat**
	F83OT								
Monroe County									
Aberdeen	**15**	**1850CST**			**0**	**0**	**50K**		**Thunderstorm Wind**
		1855CST							
	A few mobile homes were damaged or destroyed. Several trees were blown down.								
Lee County									
Tupelo	**15**	**1930CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1935CST							
	Some power lines were knocked down.								
MSZ003-022	**Benton - Calhoun**								
	18	**1430CST**			**1**	**0**			**Excessive Heat**
		2000CST							
	A five-month-old infant died when she was accidently left in a van for over an hour in Michigan City.								
	F84OT								
Tallahatchie County									
Charleston	**20**	**1230CST**			**0**	**0**	**20K**		**Thunderstorm Wind**
		1235CST							
	Several trees and power lines were blown down. Some of the downed trees fell on houses.								
Coahoma County									
Clarksdale	**20**	**1248CST**			**0**	**1**	**5K**		**Thunderstorm Wind**
		1255CST							
	One mobile home in Ecru had its roof blown off. Some trees were blown down. One tree fell on a man injuring him.								
Monroe County									
Countywide	**20**	**1300CST**			**0**	**0**	**50K**		**Lightning**
		1330CST							
	Three homes in county were damaged or destroyed by fires sparked by lightning.								
De Soto County									
Hernando	**20**	**1305CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1310CST							
	A few trees were knocked down.								
Monroe County									
Smithville	**20**	**1315CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		1320CST							
	Several trees were blown down. One tree fell on a house.								
Marshall County									
Holly Spgs	**20**	**1325CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1330CST							
	Some trees were knocked down.								
Benton County									
Countywide	**20**	**1330CST**			**0**	**0**	**15K**		**Thunderstorm Wind**
		1345CST							
	A mobile home lost its roof. Several trees and power lines were blown down.								
Tippah County									
Countywide	**20**	**1335CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		1350CST							
	Some trees and power lines were blown down.								

Storm Data and Unusual Weather Phenomena

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
MISSISSIPPI, North									
Pontotoc County									
Hurricane to Ecru	**20**	**1340CST** **1350CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Several trees were knocked down.									
Lafayette County									
Oxford	**20**	**1341CST** **1345CST**			**1**	**2**	**10K**		**Thunderstorm Wind**
One construction worker was killed and two co-workers were injured when a wall they were working on collapsed because of thunderstorm winds. Several trees and power lines were knocked down. M37OU									
Union County									
New Albany	**20**	**1350CST** **1355CST**			**0**	**0**	**25K**		**Thunderstorm Wind**
The roof of the Union County Library was damaged. Several homes were damaged by falling trees. Several trees were knocked down.									
Tippah County									
Countywide	**20**	**1409CST** **1420CST**			**0**	**0**	**40K**		**Thunderstorm Wind**
One mobile home was destroyed and a second home was damaged. Several trees and power lines were knocked down.									
Lee County									
Tupelo	**20**	**1420CST** **1425CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
A few trees were knocked down. One tree fell on a car.									
Alcorn County									
Countywide	**20**	**1430CST** **1445CST**			**0**	**0**	**15K**		**Thunderstorm Wind**
Some trees were blown down across the county. One tree fell on a mobile home while another tree fell on a car.									
Itawamba County									
Fulton	**20**	**1430CST** **1435CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Some large trees were blown down.									
Yalobusha County									
Coffeeville	**20**	**1430CST** **1435CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
A few trees, including one that was over 100 years old, were blown down.									
Prentiss County									
Booneville	**20**	**1441CST** **1450CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Several large trees were knocked down.									
Tishomingo County									
Countywide	**20**	**1445CST** **1455CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Several trees were blown down.									
Lee County									
Tupelo	**20**	**1450CST** **1455CST**			**0**	**0**	**0.01K**		**Hail (0.75)**
Monroe County									
Aberdeen	**20**	**1500CST** **1505CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
A few trees were knocked down.									
Itawamba County									
Fulton to Tremont	**20**	**1505CST** **1525CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Several trees were blown down.									
Chickasaw County									
Okolona	**20**	**1506CST** **1510CST**			**0**	**0**	**15K**		**Thunderstorm Wind**
An 18-wheeler was blown over. Several trees were knocked down.									
Monroe County									
Lackey	**20**	**1535CST** **1540CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Several trees were knocked down.									

Storm Data and Unusual Weather Phenomena

July 2000

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
MISSISSIPPI, North									
Tishomingo County									
Burnsville	**29**	**1400CST**			**0**	**0**	**25K**		**Thunderstorm Wind**
		1405CST							
Several buildings were damaged. Some trees and power lines were knocked down.									
MISSISSIPPI, South									
MSZ082	**Jackson**								
	08	**1100CST**			**1**	**0**			**Excessive Heat**
A 68 year old man died from heat exhaustion while sitting in his pickup truck in a parking lot with the windows rolled up. M68VE									
Walthall County									
Tylertown	**14**	**1400CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Thunderstorm winds caused damage to the roof of a commercial building.									
Harrison County									
D Iberville	**14**	**1515CST**			**0**	**0**			**Hail (0.75)**
Hancock County									
Pearlington	**14**	**1610CST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
Trees were blown down.									
Pearl River County									
Countywide	**16**	**1803CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
		1834CST							
Numerous trees were blown down in the area from McNeil and Caesar to near the intersection of Highway 11 and Highway 26.									
Hancock County									
Countywide	**16**	**1809CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Numerous trees and power lines were blown down across the county. Power was knocked out to all areas north of Interstate 10 for several minutes.									
Jackson County									
Pascagoula Jcksn Arp	**16**	**1820CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
A small tornado briefly touched down near the Pacagoula Jackson Airport resulting in no damage.									
Hancock County									
5 ENE Kiln	**16**	**1832CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
A small tornado briefly touched down near Kiln-Delisle Road causing no damage.									
Walthall County									
Dinan to	**17**	**1234CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Salem		**1317CST**							
Thunderstorm wind gusts blew down several trees in the areas area Dinan and Salem.									
Pike County									
Summit to	**17**	**1300CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Mc Comb									
Several trees were knocked down and a roof was blown off of a mobile home.									
Walthall County									
6 ESE Tylertown	**17**	**1335CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Thunderstorm wind gusts blew down several trees on Mississippi Highway 48 between Tylertown and Dexter.									
MSZ082	**Jackson**								
	18	**1300CST**			**1**	**0**			**Excessive Heat**
A 58 year old male was found dead from heat exhaustion while sitting in his truck in the driveway of his home with the windows rolled up. M58VE									
Pike County									
2 S Progress	**19**	**1535CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Walthall County									
9 SW Tylertown	**20**	**1710CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Numerous trees were blown down.									
Pike County									
Countywide	**20**	**1800CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Several trees and power lines were blown down across the southern portions of the county.									
Pike County									
5 NW Summit	**21**	**1245CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
A barn and silo were damaged by thunderstorm winds.									
Harrison County									
Cuevas	**21**	**1350CST**			**0**	**0**			**Hail (0.75)**
Jackson County									
Ocean Spgs	**21**	**1355CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Several trees were blown down.									

Storm Data and Unusual Weather Phenomena

July 2000

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
MISSISSIPPI, South									
Harrison County									
Wool Market	**21**	**1355CST**			**0**	**0**			**Hail (0.75)**
Jackson County									
Vancleave	**21**	**1355CST**			**0**	**0**			**Hail (0.75)**
Harrison County									
Biloxi	**21**	**1400CST**			**0**	**0**	**0**		**Hail (1.00)**
Harrison County									
De Lisle	**21**	**1445CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
A tree was blown down.									
Jackson County									
Pascagoula	**21**	**1500CST**			**0**	**0**	**0.75K**		**Thunderstorm Wind**
Several trees and power lines were knocked down.									
Wilkinson County									
Countywide	**22**	**1400CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Several tree limbs and power lines were blown down across the northern part of the county.									
Hancock County									
Diamondhead Arpt	**22**	**1533CST**	**0.1**	**20**	**0**	**0**	**0.75K**		**Tornado (F0)**
A small tornado briefly touched down near Diamondhead knocking down trees and power lines.									
Hancock County									
5 N Kiln	**22**	**1541CST**			**0**	**0**			**Hail (1.00)**
Hancock County									
5 N Kiln	**22**	**1541CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
A weak tornado briefly touched down resulting in no damage.									
Pearl River County									
Nicholson	**22**	**1622CST**	**0.1**	**20**	**0**	**0**	**3K**		**Tornado (F0)**
A small tornado touched down briefly near Nicholson causing a trailer to lose its roof and tree damage.									
Pearl River County									
Carriere	**22**	**1644CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Power lines were blown down.									
Walthall County									
Countywide	**22**	**1645CST**			**0**	**0**	**4K**		**Thunderstorm Wind**
Thunderstorm winds downed a number of trees and power lines and caused roof damage to a moblie home and carport. Most of the damage occurred north of Highway 98.									
Harrison County									
Orange Grove	**22**	**1655CST**			**0**	**0**	**3K**		**Lightning**
Three homes in the Orange Grove area were struck by lightning with one home receiving damage to its roof and attic.									
Pearl River County									
Poplarville	**22**	**1659CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
A weak tornado briefly touched down resulting in no damage.									
Harrison County									
Biloxi	**22**	**1700CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
		1703CST							
A small tornado briefly touched down just north of Interstate 10 causing no damage.									
Pearl River County									
Picayune	**22**	**1700CST**			**0**	**0**	**18K**		**Thunderstorm Wind**
Thunderstorm winds blew the roof off of a building which damaged three cars. Trees were also knocked down.									
Pike County									
Magnolia	**27**	**1330CST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
A few trees were knocked down.									
Pearl River County									
Countywide	**27**	**1500CST**			**0**	**0**	**0.25K**		**Thunderstorm Wind**
A few trees were blown down across northern sections of the county.									
MISSISSIPPI, Southeast									
MSZ067-075>076-078>079	**Wayne - Perry - Greene - Stone - George**								
	01	**0001CST**			**0**	**0**			**Excessive Heat**
	31	**2359CST**							
July was a hot and dry month in Southeast Mississippi. In Beaumont the temperature was 100 degrees or higher eleven days during the month with the hottest being 105 degrees. In Richton the temperature was 100 degrees or higher three days during the month with the hottest being 102 degrees. In Waynesboro the temperature was 100 degrees or higher four days during the month with the hottest being 103 degrees. In Wiggins the temperature was 100 degrees or higher nine days during the month with 105 degrees being the hottest. In addition to being hot is was also a dry month across the area. Most stations ended up with below normal rainfall totals for the month.									

Storm Data and Unusual Weather Phenomena

July 2000

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
MISSISSIPPI, Southeast									
Wayne County									
Waynesboro	**16**	**1420CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1425CST							
Strong thunderstorm winds blew down trees in the vicinity of Waynesboro.									
Greene County									
Kittrell	**16**	**1425CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1430CST							
Thunderstorm winds blew down trees east of the community toward the State Line area.									
George County									
Agricola	**20**	**1550CST**			**0**	**0**	**7K**		**Thunderstorm Wind (G55)**
		1555CST							
Several large limbs were blown out of trees and tin was peeled from several outbuildings.									
George County									
Lucedale	**22**	**1610CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1615CST							
Trees were blown down southeast of the community as a thunderstorm moved through.									
Perry County									
New Augusta to Beaumont	**22**	**1830CST**			**0**	**0**	**25K**		**Thunderstorm Wind (G70)**
		1845CST							
A strong thunderstorm downed trees and produced some minor roof damage between New Augusta and Beaumont.									
Greene County									
Neely	**22**	**1855CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
		1905CST							
Some trees were blown down north of the community.									
MISSOURI, East									
St. Louis County									
Oakville	**01**	**1449CST**			**0**	**0**			**Hail (0.75)**
Storm spotters reported 3/4 inch hail in south St. Louis County.									
Moniteau County									
California	**02**	**1550CST**			**0**	**0**			**Thunderstorm Wind (G54)**
Moniteau County									
California	**02**	**1600CST**			**0**	**0**			**Thunderstorm Wind (G54)**
Moniteau County									
2 S California	**02**	**1600CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Law enforcement officials reported wind damage in the California area. A machine shed and green house were damaged just south of town. Trees and power lines were downed in town.									
Boone County									
Columbia	**02**	**1620CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Local emergency management reported scattered trees and power lines down all across town.									
Cole County									
Centertown	**02**	**1627CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Storm spotters reported trees and power lines down in Centertown.									
Callaway County									
Millersburg	**02**	**1629CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Local law enforcement reported power lines down near Millersburg.									
Jefferson County									
North Portion	**02**	**1635CST**			**0**	**0**	**100K**		**Flash Flood**
		2200CST							
Heavy rain caused flash flooding across northeast Jefferson County. Glaize Creek flooded affecting a narrow area north of new Highway M from just west of Antonia to Highway 61-67 at Barnhart. Several businesses flooded, including a couple automobile repair shops. Seven vehicles from the shops were washed away by the flood water. Six people had to be rescued from flooded vehicles. Several county roads and a couple of bridges were damaged by the flood water.									
MOZ063>064	**St. Louis - St. Louis (C)**								
	02	**1700CST**			**4**	**103**			**Excessive Heat**
	14	**2300CST**							
The first heat wave of the summer hit the area resulting in at least 4 deaths and over 100 injuries. The temperature during the event ranged from the upper 80 to middle 90. However the relative humidity was very high resulting in a Heat Index ranging from 105 to 110. M68PH, M68PH, M57PH, M80PH									
Warren County									
Warrenton	**02**	**1811CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Storm spotters reported several large trees down in Warrenton.									

Storm Data and Unusual Weather Phenomena

July 2000

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
MISSOURI, East									
Pike County									
Bowling Green	**02**	**1815CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Local law enforcement reported trees and power lines down in Bowling Green.									
St. Louis County									
Florissant	**02**	**1935CST**			**0**	**0**			**Thunderstorm Wind (G55)**
The St. Louis County Police reported numerous power lines down in north St. Louis County.									
Callaway County									
Central Portion	**03**	**2145CST**			**0**	**0**			**Flash Flood**
		2355CST							
Heavy rain caused some flash flooding in Callaway County. Some vehicles were flooded at some intersections in Fulton. A couple of homes had water up to their doors.									
Iron County									
6 SW Arcadia	**15**	**1500CST**			**0**	**4**			**Lightning**
Four Boy Scouts were injured by a lightning strike while camping on Taum Sauk Mountain, the highest peak in Missouri. The lightning hit a pine tree about 130 feet away. The electricity apparently went through the roots into the boys tent, blowing 4 holes into the bottom of the tent. One boy was knock unconscious. He was not breathing and would likely have died were it not for CPR applied by one of the Scout Leaders. The other boys suffered burns from first to third degree on their backs and arms.									
Montgomery County									
2 W Bellflower to	**18**	**1655CST**	**4**	**50**	**0**	**0**	**75K**		**Tornado (F1)**
2 SW Bellflower		**1703CST**							
A tornado struck eastern Montgomery County causing damage at a farm and downing trees and power lines. The tornado first caused damage at a farm on Leonard Road which was also where the most extensive damage occurred. A large garage lost both doors and half of its roof. A grain trailer was overturned and 2 grain bins blown away, one to the northwest and the other about 1/2 mile to the east. The remainder of the damage path consisted of downed trees and crop damage.									
Lincoln County									
Troy	**18**	**1758CST**	**0.1**	**40**	**0**	**0**			**Tornado (F0)**
		1759CST							
Law enforcement reported a brief tornado near the intersection of Highways 61 and 47.									
Callaway County									
Williamsburg	**18**	**1830CST**			**0**	**0**			**Funnel Cloud**
The Missouri Highway Patrol reported a funnel cloud near Williamsburg.									
Lincoln County									
Moscow Mills	**18**	**1835CST**	**0.1**	**40**	**0**	**0**			**Tornado (F0)**
		1836CST							
Law enforcement reported a brief tornado. There was no damage.									
Montgomery County									
New Florence	**18**	**1900CST**			**0**	**0**			**Funnel Cloud**
Local law enforcement reported a funnel cloud moving east along Interstate 70 near New Florence.									
MISSOURI, Lower									
NONE REPORTED.									
MISSOURI, Northeast									
Clark County									
Countywide	**17**	**1400CST**			**0**	**0**			**Funnel Cloud**
		1430CST							
Law enforcement and spotters reported funnel clouds in the Kahoka and Ashton areas. The funnels were associated with moderate to heavy rainshowers that developed along a weak cold front.									
MISSOURI, Northwest									
Nodaway County									
3 SE Guilford	**05**	**1530CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Harrison County									
3 S New Hampton	**05**	**1545CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Tree limbs to 4 inches in diameter were downed.									
Gentry County									
Albany	**05**	**1550CST**			**0**	**0**			**Thunderstorm Wind (G57)**
Law enforcement officials reported power lines, power poles, and 6-8 inch diameter tree limbs down.									
Caldwell County									
Hamilton	**05**	**1655CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Trees and power lines were downed.									
Ray County									
Hardin	**05**	**1810CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Lafayette County									
Mayview	**05**	**1830CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G57)**

Storm Data and Unusual Weather Phenomena

July 2000

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
MISSOURI, Northwest									
		Storm spotters reported downed trees and power lines, and damage to a roof.							
Pettis County									
Sedalia	**11**	**1736CST**			**0**	**0**			**Thunderstorm Wind (G57)**
		Large trees and limbs were downed on the west side of Sedalia.							
Pettis County									
Sedalia Arpt	**11**	**1814CST**			**0**	**0**			**Thunderstorm Wind (G53) M**
		A 61 mph wind gust was measured at Sedalia Memorial Airport.							
Pettis County									
Sedalia	**11**	**1830CST**			**0**	**0**			**Urban/Sml Stream Fld**
		2000CST							
		Emergency managers reported extensive street flooding in Sedalia.							
Pettis County									
Hughesville	**11**	**1845CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Thunderstorm winds downed 4 to 5 inch diameter tree limbs and caused damage at a construction site.							
		Thunderstorms developed rapidly in a very humid air mass in west central Missouri. As the storms collapsed, they produced three separate damaging wind events in Pettis County. Eastern sections of the county, from Sedalia to the Cooper County line were hit repeatedly with heavy rain. Sedalia Airport recorded 1.7 inches of rain in just under 90 minutes, and Doppler radar estimated rainfall amounts over 3 inches near the Pettis-Cooper County line.							
Johnson County									
Warrensburg	**12**	**0200CST**			**0**	**0**	**16K**		**Lightning**
		A lightning strike killed 8 cattle at the Central Missouri State University Agricultural Research Farm.							
Jackson County									
Grain Vly	**12**	**0415CST**			**0**	**0**			**Thunderstorm Wind (G57)**
		Trees were down across a road near Grain Valley.							
Johnson County									
Leeton	**12**	**0515CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		A tree was down on power lines.							
MOZ028-032-037	**Platte - Chariton - Jackson**								
	14	**0000CST**			**3**	**0**			**Excessive Heat**
	16	**2359CST**							
		Three days of 90-degree temperatures, coupled with very high humidity that pushed heat indices above 105, claimed 3 lives in west-central Missouri. A 63 year old male in Triplett, a 97 year old female in Raytown, and a 37 year old male in Riverside died of heat related causes. M37PH, F97PH, M63MH							
Clay County									
Pleasant Vly	**17**	**0010CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Law enforcement officers reported that a 5 inch diameter tree was downed.							
Jackson County									
Grandview	**17**	**0130CST**			**0**	**0**			**Thunderstorm Wind (G60)**
		An off-duty NWS employee reported a tree 3 feet in diameter was downed.							
		A line of thunderstorms moved through the Kansas City metro area in the early morning hours of July 17th. Isolated reports of wind damage were received, but these storms were particularly notable for their lightning. Constant lightning was observed, and several thousand cloud-to-ground strikes were detected in the Kansas City metro between 2 and 3 am.							
Nodaway County									
Wilcox	**26**	**1923CST**			**0**	**0**			**Hail (0.75)**
Atchison County									
Rockport	**26**	**1945CST**			**0**	**0**			**Hail (0.75)**
Holt County									
15 N Oregon	**26**	**1945CST**			**0**	**0**			**Hail (0.75)**
Andrew County									
Fillmore	**26**	**2015CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Trees and power lines were downed.							
Andrew County									
Savannah	**26**	**2020CST**			**0**	**0**			**Thunderstorm Wind (G52)**
		The sheriff's department reported downed trees and power lines.							
Buchanan County									
St Joseph Arpt	**26**	**2022CST**			**0**	**0**			**Thunderstorm Wind (G50) M**
		A 58 mph wind gust was recorded at Rosecrans Airport in St Joseph.							
Buchanan County									
St Joseph	**26**	**2030CST**			**0**	**0**	**1M**		**Thunderstorm Wind (G60)**

Storm Data and Unusual Weather Phenomena

July 2000

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

MISSOURI, Northwest

The highway department reported downed trees up to 4 feet in diameter, and a tree blown down onto a car. A 90-foot flagpole was broken. A building under construction in an industrial park sustained over $1 million in damage.

Platte County
Camden Pt — **26** **2050CST** — 0 — 0 — **10K** — **Thunderstorm Wind (G60)**
A maple tree 44 inches in diameter was blown down, damaging the roof of a house.

Platte County
Platte City — **26** **2050CST** — 0 — 0 — **Thunderstorm Wind (G52)**

Platte County
Weston — **26** **2050CST** — 0 — 0 — **Thunderstorm Wind (G52)**

Platte County
Kansas City Intl Arp — **26** **2113CST** — 0 — 0 — **Thunderstorm Wind (G65)**
A 74 mph wind gust was recorded at Kansas City International Airport.

Clay County
Gladstone — **26** **2122CST** — 0 — 0 — **25K** — **Thunderstorm Wind (G57)**
The roof was blown off a building and equipment was blown over at a construction site in Gladstone.

Clay County
(Mkc)Ks City Dntn Ar — **26** **2126CST** — 0 — 0 — **Thunderstorm Wind (G55) M**
A wind gust of 63 mph was recorded at Kansas City Downtown Airport.

Jackson County
Independence — **26** **2130CST** — 0 — 0 — **10K** — **Thunderstorm Wind (G57)**
A 40 foot tall tree was downed, damaging the roof of a home.

Jackson County
Kansas City — **26** **2136CST** — 0 — 0 — **Thunderstorm Wind (G57) M**
Fire department officials reported a wind gust of 66 mph.

Cass County
Pleasant Hill — **26** **2201CST** — 0 — 0 — **Thunderstorm Wind (G57)**
Wind gusts were estimated at 65 mph at the Weather Service office in Pleasant Hill.

Bates County
Butler — **26** **2235CST** — 0 — 0 — **Thunderstorm Wind (G60)**
A large maple tree was blown down.

Henry County
5 S Urich — **26** **2300CST** — 0 — 0 — **Thunderstorm Wind (G52)**
Tree limbs 4 inches in diameter were downed.

A line of thunderstorms developed in Iowa and pushed southward into northwest Missouri. The early storms produced large hail in the northwest corner of Missouri, but later evolved into a significant wind event. Wind gusts in excess of 70 mph and widespread wind damage occurred from the St. Joseph area southward to the Kansas City metro and other locations in west central Missouri.

MISSOURI, Southeast

MOZ087 — **Cape Girardeau**
01 **0001CST** — 0 — 0 — **Flood**
1900CST
The Mississippi River crested exactly at its 32-foot flood stage at Cape Girardeau. This resulted in minor flooding of low-lying agricultural bottomlands.

MISSOURI, Southwest

Jasper County
Northeast Portion — **01** **0900CST** — 0 — 0 — 0 — **Flash Flood**
1100CST

Barton County
Southeast Portion — **01** **1000CST** — 0 — 0 — 0 — **Flash Flood**
1100CST
Thunderstorms produced 2 to 3 inches of rain in a short period of time over northeastern Jasper and southeastern Barton Counties. Brief flooding occurred on Highway BB near Jasper (Jasper County) and in Golden City (Barton County).

Dade County
Southeast Portion — **01** **1015CST** — 0 — 0 — 0 — **Flash Flood**
1400CST

Lawrence County
Northeast Portion — **01** **1115CST** — 0 — 0 — 0 — **Flash Flood**
1400CST
Thunderstorms produced an estimated 3 inches of rain in a short time. A county road and a low water bridge were flooded in Lawrence County and highway flooding was reported near Greenfield and Everton in Dade County

Camden County
Climax Spgs — **02** **1445CST** — 0 — 0 — 0 — **Thunderstorm Wind**
Thunderstorm winds downed trees.

Storm Data and Unusual Weather Phenomena

July 2000

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
MISSOURI, Southwest									
Greene County									
Southeast Portion	**03**	**1535CST** **1800CST**			**0**	**0**	**5K**		**Flash Flood**
Thunderstorms produce brief, but serious street flooding in Springfield. Two feet of water closed Campbell Avenue near Meadow Mere and street flooding flooded out several cars on Sunset Avenue east of Campbell Avenue.									
Phelps County									
Edgar Spgs	**11**	**2230CST**			**0**	**0**	**0**		**Thunderstorm Wind**
Thunderstorm winds blew down tree limbs.									
Greene County									
Countywide	**12**	**0237CST** **1300CST**			**0**	**0**	**8.4M**		**Flash Flood**
Hickory County									
West Portion	**12**	**0407CST**			**0**	**0**	**0**		**Flash Flood**
Dallas County									
West Portion	**12**	**0409CST** **0530CST**			**0**	**0**	**0**		**Flash Flood**
Christian County									
Countywide	**12**	**0430CST** **1000CST**			**0**	**0**	**0**		**Flash Flood**
Polk County									
Countywide	**12**	**0435CST** **1300CST**			**0**	**0**	**0**		**Flash Flood**
A north to south band of extremely heavy ran fell in a 6 hour period during the early morning hours of July 12th. Widespread 3 to 6 inch rainfall occurred from just west of Hermitage to Bolivar to Springfield. Isolated rainfall amounts as high as 8 inches were reported in central and southeastern Greene County including the city of Springfield. Most of the serious flood damage occurred in Greene County. Areas along Jordon Creek in Springfield and the James River and it's tributaries in southeast Greene County were the hardest hit. In Springfield, one trailer park was evacuated, 17 apartments, several hotel/motels, and about 35 businesses received damage. Well over 100 homes received damage with 17 sustaining major damage or being destroyed. Numerous homes received basement flooding in Springfield, Turners, and Galloway. A chemical plant was flooded resulting in a hazardous material spill which was quickly contained. The plant suffered an estimated $4 million in damage. Numerous roads were flooded and damaged. The Small Business Administration (SBA) declared Greene County a disaster area. In other areas, the flooding was not as serious, but there were numerous roads closed due to flooding. Overall, road closures were most common in Greene and Polk Counties.									
Barton County									
6 N Lamar	**20**	**0550CST**			**0**	**0**	**0**		**Hail (0.88)**
Greene County									
Fair Grove	**20**	**0630CST**			**0**	**0**	**0**		**Hail (0.88)**
Barry County									
Monett	**20**	**0726CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Thunderstorm winds downed trees and power lines near Monett and Purdy in northwest Barry County.									
Mcdonald County									
Powell	**20**	**0740CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Thunderstorm winds downed power lines.									
Stone County									
1 N Crane	**20**	**0745CST**			**0**	**0**	**0**		**Thunderstorm Wind**
Thunderstorm winds downed a tree and branches on Highway B just north of Crane.									
Christian County									
3 N Sparta	**20**	**0745CST**			**0**	**0**	**0**		**Thunderstorm Wind**
Thunderstorm winds downed trees.									
Polk County									
South Portion	**20**	**0800CST**			**0**	**0**	**0**		**Flash Flood**
Greene County									
North Portion	**20**	**0855CST** **1015CST**			**0**	**0**	**0**		**Flash Flood**
Thunderstorms, producing 3 to 4 inches of rain, caused the brief flooding of low water bridges and low lying roads. Flooding was reported in northern Greene County and in the Pleasant Hope area of Polk County.									
Barry County									
Eagle Rock	**20**	**0800CST**			**0**	**0**	**0**		**Thunderstorm Wind**
Thunderstorm winds downed trees.									

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
MISSOURI, Southwest									
Taney County									
4 NW Forsyth	**20**	**0810CST**			**0**	**0**	**0**		**Thunderstorm Wind**
Thunderstorm winds downed a tree onto Highway 160 outside of Forsyth.									
Taney County									
1 NW Forsyth	**20**	**0830CST**			**0**	**0**	**0**		**Thunderstorm Wind**
Thunderstorm winds downed small trees.									
Ozark County									
Almartha	**20**	**0847CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Thunderstorm winds downed trees and power lines.									
Barton County									
Countywide	**22**	**1015CST**			**0**	**0**	**0**		**Flash Flood**
		1230CST							
Vernon County									
South Portion	**22**	**1040CST**			**0**	**0**	**0**		**Flash Flood**
		1230CST							
Jasper County									
West Portion	**22**	**1200CST**			**0**	**0**	**0**		**Flash Flood**
		1500CST							
Greene County									
South Portion	**22**	**1345CST**			**0**	**0**	**0**		**Flash Flood**
		1615CST							
Lawrence County									
North Portion	**22**	**1415CST**			**0**	**0**	**0**		**Flash Flood**
		1615CST							
Thunderstorms dropped 2 to 4 inches of rain over portions of southwest Missouri. Some areas received 2 inches of rain in one hour. The heavy rain resulted in brief flooding of streets and low water crossings. In Barton County, Highway 126 was flooded 5 miles east of the Kansas state line. In Jasper County, Highway 171 was flooded between Asbury and the Kansas state line. In Greene County, widespread street flooding occurred in Springfield.									
Greene County									
South Portion	**22**	**1345CST**			**0**	**0**	**0**		**Flash Flood**
		1600CST							
Lawrence County									
North Portion	**22**	**1415CST**			**0**	**0**	**0**		**Flash Flood**
		1600CST							
Heavy rain producing thunderstorms caused widespread street flooding in Springfield. Several low water crossings flooded briefly in southern Greene and northern Lawrence Counties.									
St. Clair County									
Appleton City	**26**	**2300CST**			**0**	**0**	**0**		**Thunderstorm Wind (G60)**
Vernon County									
Walker	**26**	**2312CST**			**0**	**0**	**0**		**Thunderstorm Wind**
Thunderstorm winds downed trees.									
Cedar County									
Stockton	**26**	**2340CST**			**0**	**0**	**0**		**Thunderstorm Wind**
Thunderstorm winds downed tree limbs.									
Greene County									
Countywide	**28**	**1457CST**			**0**	**0**	**0**		**Flash Flood**
		1800CST							
Christian County									
Countywide	**28**	**1550CST**			**0**	**0**	**0**		**Flash Flood**
		1800CST							
Taney County									
Countywide	**28**	**1659CST**			**0**	**0**	**0**		**Flash Flood**
		1900CST							
Thunderstorms produced heavy rainfall of 2 to 4 inches, with rainfall rates of 2 inches per hour in some locations. Widespread street flooding occurred in south Springfield, with water as deep as 3 feet near Battlefield Mall. In Christian County, street and residence flooding occurred in Clever. Elsewhere, the flooding was mainly confined to low water crossings.									
Lawrence County									
7 NE Mt Vernon	**28**	**1500CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Thunderstorm winds destroyed the roofs of 4 barns, blew out several windows, and knocked down several trees. The winds were strong enough to move a truck with an attached camper about 6 feet.									
Greene County									
Springfield	**28**	**1530CST**			**0**	**0**	**0**		**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

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
MISSOURI, Southwest									
Greene County									
Springfield	**28**	**1540CST**			**0**	**0**	**50K**		**Lightning**
Lightning damaged an electric utility substation in Springfield.									
Taney County									
Kirbyville	**28**	**1650CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Thunderstorms winds destroyed a barn and a gazebo.									
Texas County									
South Portion	**28**	**1800CST**			**0**	**0**	**0**		**Flash Flood**
Thunderstorms producing nearly 2 inches of rain in an hour caused county roads and a low water bridge to flood near Summersville.									
St. Clair County									
Appleton City	**28**	**2100CST**			**0**	**0**	**0**		**Flash Flood**
	28	**2215CST**							
Two to three inches of rain fell in a short period of time causing street flooding in Appleton City.									
Miller County									
North Portion	**28**	**2255CST**			**0**	**0**	**0**		**Flash Flood**
	29	**0100CST**							
Thunderstorms producing 3 to 3.5 inches of rain in a short period of time produced street flooding in Eldon. State Highway 87 north of Eldon was also flooded for a brief time.									
MONTANA, Central									
Chouteau County									
Floweree	**02**	**1530MST**			**0**	**0**			**Hail (1.00)**
Judith Basin County									
Hobson	**02**	**1545MST**			**0**	**0**			**Hail (0.75)**
Fergus County									
Christina	**02**	**1612MST**			**0**	**0**			**Hail (1.75)**
Lewis And Clark County									
East Helena	**02**	**1630MST**			**0**	**0**			**Hail (1.75)**
Lewis And Clark County									
Holter Dam	**02**	**1630MST**			**0**	**0**			**Hail (0.88)**
Fergus County									
5 W Lewistown	**02**	**1631MST**			**0**	**0**			**Funnel Cloud**
Beaverhead County									
10 SW Grant	**02**	**1700MST**			**0**	**0**	**0**		**Wild/Forest Fire**
	04	**1700MST**							
Bachelor Mtn. fire, 400 acres burned, lightning caused.									
Judith Basin County									
Raynesford	**03**	**1240MST**			**0**	**0**			**Hail (1.00)**
Gallatin County									
Maudlow	**03**	**1300MST**			**0**	**0**	**25K**		**Tstm Wind/Hail**
1.75 inch hail...wind gust 52 kt.									
Judith Basin County									
4 E Raynesford	**03**	**1315MST**			**0**	**0**	**5K**		**Hail (1.75)**
Damaged cars.									
Meagher County									
Ringling	**03**	**1320MST**			**0**	**0**	**50K**		**Tstm Wind/Hail**
Wind gust to 80kt...hail 1 inch...funnel cloud.									
Meagher County									
Martinsdale	**03**	**1400MST**			**0**	**0**	**25K**		**Tstm Wind/Hail**
Wind gust to 80kt...hail 1.75 inches.									
Judith Basin County									
Hobson	**03**	**1500MST**			**0**	**0**			**Hail (0.75)**
Fergus County									
Lewistown Muni Arpt	**03**	**1507MST**			**0**	**0**			**Thunderstorm Wind (G50)** [M]
Chouteau County									
2 NW Warrick	**03**	**1510MST**			**0**	**0**			**Hail (0.88)**
Fergus County									
2 S Lewistown	**03**	**1515MST**			**0**	**0**			**Hail (0.88)**
Fergus County									
22 SW Lewistown	**03**	**1522MST**			**0**	**0**			**Hail (2.00)**
Fergus County									
2 E Lewistown	**03**	**1530MST**			**0**	**0**			**Tstm Wind/Hail**

Storm Data and Unusual Weather Phenomena

July 2000

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
MONTANA, Central									
	7/8 inch hail...wind gust estimated to 52kt.								
Blaine County									
Zurich	**03**	**1600MST**			**0**	**0**			**Hail (0.75)**
Blaine County									
Hays	**03**	**1630MST**			**0**	**0**			**Hail (0.75)**
Blaine County									
4 W Harlem	**03**	**1640MST**			**0**	**0**	**100K**		**Thunderstorm Wind (G57)**
	Storage shed destroyed with valuable machinary damaged...machine shop severely damaged.								
Blaine County									
Turner	**03**	**1818MST**			**0**	**0**			**Thunderstorm Wind (G59)**
Judith Basin County									
2 NW Raynesford	**05**	**1830MST**			**0**	**0**			**Hail (1.75)**
Chouteau County									
8 S Geraldine	**05**	**1915MST**			**0**	**0**			**Hail (1.75)**
Cascade County									
20 S Cascade	**05**	**1918MST**			**0**	**0**			**Hail (1.00)**
Cascade County									
5 N Neihart	**05**	**1930MST**			**0**	**0**			**Hail (1.00)**
Chouteau County									
10 SE Geraldine	**05**	**1935MST**			**0**	**0**			**Hail (2.75)**
Cascade County									
20 S Cascade	**05**	**1945MST**			**0**	**0**			**Hail (0.75)**
Chouteau County									
Iliad	**05**	**1955MST**			**0**	**0**			**Hail (1.50)**
Judith Basin County									
11 NW Geyser	**05**	**2000MST**			**0**	**0**			**Hail (0.75)**
	Funnel cloud seen over the Highwood Mountains.								
Cascade County									
9 SE Stockett	**05**	**2002MST**			**0**	**0**			**Hail (1.50)**
Cascade County									
8 SW Belt	**05**	**2005MST**			**0**	**0**			**Hail (1.25)**
Cascade County									
10 S Belt	**05**	**2018MST**	**1**	**10**	**0**	**0**			**Tornado (F0)**
	Near Tiger Butte.								
Judith Basin County									
Raynesford	**05**	**2018MST**			**0**	**0**			**Hail (1.50)**
Blaine County									
48 S Cleveland	**05**	**2020MST**			**0**	**0**			**Hail (1.75)**
Judith Basin County									
1 W Raynesford	**05**	**2020MST**			**0**	**0**			**Funnel Cloud**
Cascade County									
5 S Armington	**05**	**2030MST**			**0**	**0**			**Hail (1.00)**
Judith Basin County									
Geyser	**05**	**2032MST**			**0**	**0**			**Hail (1.00)**
Chouteau County									
Geraldine	**05**	**2105MST**			**0**	**0**			**Hail (2.00)**
Fergus County									
30 E Winifred	**05**	**2220MST**			**0**	**0**			**Tstm Wind/Hail**
	1.25 inch hail and wind gust to 52kt.								
Cascade County									
20 S Cascade	**06**	**1610MST**			**0**	**0**			**Hail (1.25)**
Cascade County									
30 S Great Falls	**06**	**1620MST**			**0**	**0**			**Hail (0.75)**
Lewis And Clark County									
15 E Lincoln	**08**	**1618MST**			**0**	**0**			**Hail (1.75)**
	Funnel cloud also reported near Rogers Pass.								
Cascade County									
Great Falls	**08**	**1700MST**			**0**	**0**			**Hail (2.00)**
Fergus County									
3 W Coffee Creek	**08**	**1725MST**	**2**	**20**	**0**	**0**			**Tornado (F0)**
	This weak tornado was in a remote area and caused no damage.								

Storm Data and Unusual Weather Phenomena

July 2000

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
MONTANA, Central									
Cascade County									
3 N Great Falls	**08**	**1725MST**			**0**	**0**			**Hail (1.50)**
2 funnel clouds also sighted 3-25 miles north of Great Falls.									
Cascade County									
Ulm	**08**	**1736MST**			**0**	**0**			**Hail (0.75)**
Chouteau County									
Floweree	**08**	**1736MST**			**0**	**0**			**Hail (1.00)**
Cascade County									
7 S Great Falls	**08**	**1755MST**			**0**	**0**			**Hail (1.75)**
Judith Basin County									
Raynesford	**08**	**1845MST**			**0**	**0**			**Hail (1.75)**
Judith Basin County									
10 W Stanford	**08**	**1910MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Fergus County									
10 NW Denton	**08**	**1915MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Fergus County									
30 NE Roy	**08**	**1920MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Chouteau County									
20 NE Geraldine	**08**	**1930MST**			**0**	**0**			**Hail (1.00)**
Fergus County									
55 NE Lewistown	**08**	**1945MST**			**0**	**0**	**1K**		**Tstm Wind/Hail**
0.75 inch hail and 52kt wind gust...funnel cloud...windows broke out of house.									
Fergus County									
2 N Hilger	**08**	**2010MST**			**0**	**0**	**10K**		**Thunderstorm Wind (G60)**
Barn blown down.									
Blaine County									
Turner	**09**	**1240MST**			**0**	**0**			**Hail (0.75)**
Fergus County									
1 W Forestgrove	**09**	**1414MST**			**0**	**0**			**Hail (1.75)**
Fergus County									
Grassrange	**09**	**1455MST**			**0**	**0**			**Hail (0.88)**
Fergus County									
7 W Grassrange	**09**	**1608MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Judith Basin County									
12 SE Utica	**09**	**1615MST**			**0**	**0**			**Hail (0.88)**
Judith Basin County									
10 S Utica	**09**	**1735MST**			**0**	**0**			**Hail (0.88)**
Fergus County									
5 E Denton	**09**	**1800MST**			**0**	**0**			**Hail (1.50)**
Fergus County									
10 E Denton	**09**	**1830MST**			**0**	**0**	**5K**		**Hail (1.50)**
Windows broken...solar panels destroyed.									
Judith Basin County									
5 W Stanford	**09**	**1837MST**			**0**	**0**			**Hail (0.88)**
Blaine County									
Harlem	**10**	**1350MST**			**0**	**0**			**Hail (1.75)**
Blaine County									
Harlem	**10**	**1409MST**			**0**	**0**			**Hail (1.00)**
Blaine County									
11 S Chinook	**10**	**1500MST**			**0**	**0**			**Hail (0.75)**
Blaine County									
Ft Belknap	**10**	**1510MST**			**0**	**0**			**Hail (1.00)**
Blaine County									
20 N Hays	**11**	**1000MST** **2100MST**			**0**	**0**	**0**		**Wild/Forest Fire**
Ivan fire, 500 acres burned, human caused.									
Lewis And Clark County									
Helena	**13**	**1600MST**			**0**	**0**	**10K**		**Thunderstorm Wind (G70)**
Roof blown off mobile home.									
Chouteau County									
6 N Big Sandy	**13**	**1745MST**			**0**	**0**	**2K**		**Thunderstorm Wind (G74)** [M]

Storm Data and Unusual Weather Phenomena

July 2000

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
MONTANA, Central									
Hill County									
Havre	**13**	**1810MST**			**0**	**0**			**Funnel Cloud**
Blaine County									
7 W Hogeland	**13**	**1922MST**			**0**	**0**			**Thunderstorm Wind (G57)**
Blaine County									
7 S Turner	**13**	**2010MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Blaine County									
22 N Chinook	**19**	**1420MST**			**0**	**0**			**Thunderstorm Wind (G61)**
Blaine County									
25 S Harlem	**19**	**1620MST**			**0**	**0**			**Hail (0.88)**
Blaine County									
33 S Lloyd	**19**	**1635MST**			**0**	**0**			**Tstm Wind/Hail**
7/8 inch hail and wind gust to 57kt.									
Blaine County									
Lodgepole	**19**	**1643MST**			**0**	**0**			**Tstm Wind/Hail**
3/4 inch hail and wind gust to 60kt.									
Fergus County									
Lewistown	**19**	**1930MST**			**0**	**0**			**Hail (1.00)**
Teton County									
35 W Bynum	**22**	**2120MST**			**0**	**0**	**0**		**Wild/Forest Fire**
	31	**2359MST**							
McDonald 2 fire, 4345 acres burned, lightning caused.									
Lewis And Clark County									
15 W Helena	**23**	**1630MST**			**0**	**2**	**2.5M**		**Wild/Forest Fire**
	31	**2359MST**							
Canyon Ferry Complex - includes Broadwater County, 38570 acres burned, 13 residences destroyed, 37 outbuildings destroyed, unknown cause, continued past July 31.									
Beaverhead County									
10 W Monida	**26**	**1230MST**			**0**	**0**	**0**		**Wild/Forest Fire**
	28	**1700MST**							
Snowline fire, 3059 acres burned, unknown cause.									
Judith Basin County									
40 SW Utica	**31**	**1600MST**			**0**	**0**			**Wild/Forest Fire**
		2359MST							
Judith Complex fire - also includes Meagher County, 14600 acres burned, lightning caused, continued past July 31.									
Beaverhead County									
15 NW Wisdom	**31**	**1730MST**			**0**	**6**	**10K**		**Wild/Forest Fire**
		2359MST							
Mussingbrod Complex fire - only partly in Beaverhead County, 84939 acres burned, lightning caused, continued past July 31.									
MONTANA, East									
Sheridan County									
3 W Reserve	**01**	**1600MST**			**0**	**0**			**Hail (1.75)**
Valley County									
10 N Hinsdale	**02**	**1715MST**			**0**	**0**			**Hail (0.75)**
Phillips County									
5 SE Malta	**02**	**1730MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Petroleum County									
40 NE Winnett	**02**	**1755MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Garfield County									
Brusett	**02**	**1902MST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Valley County									
15 S Glasgow	**02**	**1905MST**	**0.5**	**200**	**0**	**0**			**Tornado (F0)**
Storm chasers reported a tornado touchdown south of Glasgow.									
Petroleum County									
5 SW Flatwillow	**02**	**1910MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Valley County									
Glasgow Intl Arpt	**02**	**1911MST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Valley County									
11 S Glasgow	**02**	**1920MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Mccone County									
58 NW Circle	**02**	**1940MST**			**0**	**0**			**Thunderstorm Wind (G61)**

Storm Data and Unusual Weather Phenomena

July 2000

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
MONTANA, East									
Prairie County									
2 N Fallon	**02**	**1943MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Dawson County									
4 SE Glendive	**02**	**2010MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Roosevelt County									
8 W Wolf Pt	**02**	**2015MST**			**0**	**0**			**Hail (0.75)**
Garfield County									
Mosby	**02**	**2020MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Valley County									
Lustre	**02**	**2020MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Mccone County									
12 NE Vida	**02**	**2040MST**			**0**	**0**	**10K**		**Thunderstorm Wind (G52)**
Wibaux County									
15 N Wibaux	**02**	**2045MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Mccone County									
15 NE Vida	**02**	**2055MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Roosevelt County									
2 E Wolf Pt	**02**	**2103MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Richland County									
Fairview	**02**	**2149MST**			**0**	**0**			**Hail (0.75)**
Dawson County									
Richey	**02**	**2155MST**			**0**	**0**			**Hail (0.75)**
Roosevelt County									
Culbertson	**02**	**2155MST**			**0**	**0**			**Hail (1.00)**
Petroleum County									
10 SW Flatwillow	**03**	**1640MST**			**0**	**0**			**Hail (1.00)**
Phillips County									
35 S Malta	**03**	**1656MST**			**0**	**0**			**Thunderstorm Wind (G60)**
Petroleum County									
4 E Winnett	**03**	**1703MST**			**0**	**0**			**Hail (0.75)**
Petroleum County									
Winnett	**03**	**1705MST**			**0**	**0**			**Hail (1.00)**
Petroleum County									
Winnett	**03**	**1710MST**			**0**	**0**			**Hail (1.75)**
Phillips County									
Malta	**03**	**1715MST**			**0**	**0**			**Thunderstorm Wind (G61)**
Garfield County									
40 NW Jordan	**03**	**1725MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Phillips County									
25 S Malta	**03**	**1730MST**			**0**	**0**	**25K**		**Thunderstorm Wind**
Ranch lost new 40' by 60' building as well as having 1400 pound hay bales blown around and equipment blown over.									
Phillips County									
45 N Malta	**03**	**1740MST**			**0**	**0**			**Thunderstorm Wind (G61) M**
Valley County									
2 SW Vandalia	**03**	**1821MST**			**0**	**0**			**Hail (0.75)**
Valley County									
Glasgow Intl Arpt	**03**	**1823MST**			**0**	**0**	**250K**	**100K**	**Thunderstorm Wind (G71) M**
Severe thunderstorm winds in excess of 80 mph knocked down power lines and trees and caused roof damage. A double wide trailer 8 miles north of Glasgow was almost completely destroyed by the winds. The occupants were saved by taking shelter in an interior bathroom. Over 50 power poles were blown down around Glasgow leaving residents in the dark some longer than 24 hours. The roof of the Cottonwood Inn Restaurant was blown off. A new record wind gust of 82 mph was set at the Glasgow International Airport.									
Valley County									
4 S Glasgow	**03**	**1830MST**			**0**	**0**			**Thunderstorm Wind (G70) M**
Valley County									
Glasgow Intl Arpt	**03**	**1830MST**			**0**	**0**	**10K**		**Hail (1.00)**
Windows were broken out by hail and wind at the Glasgow Intl Airport.									
Valley County									
25 S Glasgow	**03**	**1840MST**	**0.5**	**50**	**0**	**0**			**Tornado (F0)**
Tornado was reported briefly touching down along the shores of Fort Peck Lake near The Pines Recreation Area									
Valley County									
10 S Glasgow	**03**	**1840MST**			**0**	**0**			**Thunderstorm Wind (G61) M**

Storm Data and Unusual Weather Phenomena

July 2000

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
MONTANA, East									
Valley County									
Park Grove	**03**	**1845MST**			**0**	**0**			**Thunderstorm Wind (G61) M**
Valley County									
15 NW Glasgow	**03**	**1900MST**			**0**	**0**			**Hail (0.88)**
Garfield County									
43 NE Jordan	**03**	**1903MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Mccone County									
55 NW Circle	**03**	**1905MST**			**0**	**0**			**Thunderstorm Wind (G61) M**
Valley County									
4 N Frazer	**03**	**1910MST**			**0**	**0**			**Thunderstorm Wind (G68) M**
Valley County									
16 N Oswego	**03**	**1910MST**			**0**	**0**			**Thunderstorm Wind (G55) M**
Garfield County									
43 NE Jordan	**03**	**1920MST**			**0**	**0**			**Hail (0.75)**
Mccone County									
Weldon	**03**	**1925MST**			**0**	**0**			**Thunderstorm Wind (G61)**
Valley County									
18 N Frazer	**03**	**1927MST**			**0**	**0**			**Thunderstorm Wind (G50) M**
Daniels County									
5 S Peerless	**03**	**1930MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Roosevelt County									
20 N Wolf Pt	**03**	**1940MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Roosevelt County									
Wolf Pt Intl Arpt	**03**	**1943MST**			**0**	**0**			**Thunderstorm Wind (G56) M**
Mccone County									
Circle	**03**	**2013MST**			**0**	**0**	**35K**		**Thunderstorm Wind (G52)**
Severe thunderstorm winds took down eight power lines in Circle leaving 100 customers without power. Strong winds also took the top off of on of the local grain bins.									
Roosevelt County									
Poplar	**03**	**2022MST**			**0**	**0**			**Thunderstorm Wind (G61) M**
Roosevelt County									
5 N Brockton	**03**	**2055MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Mccone County									
4 SE Vida	**03**	**2100MST**			**0**	**0**			**Hail (1.00)**
Richland County									
20 N Enid	**03**	**2118MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Roosevelt County									
Culbertson	**03**	**2120MST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Dawson County									
10 SW Richey	**03**	**2130MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Prairie County									
Terry	**03**	**2355MST**			**0**	**0**			**Thunderstorm Wind (G57)**
A line of severe thunderstorms moving through northeast Montana brought damaging winds and large hail. Wind gusts over 80 mph were reported and numerous power lines were blown down. Brief tornado touchdowns were reported in southern Valley County along Fort Peck Lake.									
Petroleum County									
Cat Creek	**04**	**1315MST**			**0**	**0**			**Hail (1.00)**
Garfield County									
5 N Sand Spgs	**04**	**1400MST**			**0**	**0**			**Hail (0.88)**
Garfield County									
5 N Sand Spgs	**04**	**1400MST**			**0**	**0**			**Thunderstorm Wind (G61)**
Garfield County									
Sand Spgs	**04**	**1412MST**			**0**	**0**			**Hail (0.88)**
Garfield County									
Sand Spgs	**04**	**1412MST**			**0**	**0**	**10K**		**Thunderstorm Wind (G61)**
Garfield County									
Sand Spgs	**04**	**1430MST**			**0**	**0**			**Hail (2.75)**
Garfield County									
3 NE Brusett	**04**	**1440MST**			**0**	**0**			**Thunderstorm Wind (G61)**
Garfield County									
10 NE Jordan	**04**	**1507MST**			**0**	**0**			**Thunderstorm Wind (G56)**
Garfield County									
Van Norman	**04**	**1538MST**			**0**	**0**			**Hail (1.00)**

Storm Data and Unusual Weather Phenomena

July 2000

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
MONTANA, East									
Garfield County									
4 N Van Norman	**04**	**1540MST**			**0**	**0**		**60K**	**Hail (2.75)**
Mccone County									
20 NW Brockway	**04**	**1555MST**			**0**	**0**			**Hail (1.75)**
Mccone County									
20 W Circle	**04**	**1626MST**			**0**	**0**			**Hail (2.75)**
Mccone County									
Circle	**04**	**1645MST**			**0**	**0**	**150K**	**200K**	**Hail (2.75)**
Baseball sized hail six inches deep fell on the community of Circle breaking windows and destroying area crops.									
Dawson County									
5 E Bloomfield	**04**	**1730MST**			**0**	**0**			**Hail (1.75)**
Prairie County									
Terry	**04**	**1800MST**			**0**	**0**			**Hail (0.88)**
Dawson County									
Glendive	**04**	**1809MST**			**0**	**0**			**Hail (1.00)**
Prairie County									
10 S Terry	**04**	**1810MST**			**0**	**0**			**Hail (0.75)**
Prairie County									
9 SE Mildred	**04**	**1825MST**			**0**	**0**			**Hail (0.75)**
Wibaux County									
Wibaux	**04**	**1905MST**			**0**	**0**			**Thunderstorm Wind (G70)**
Richland County									
7 SW Savage	**04**	**1910MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Prairie County									
35 NW Terry	**05**	**1710MST**			**0**	**0**			**Hail (0.75)**
Garfield County									
15 SE Cohagen	**05**	**1735MST**			**0**	**0**			**Hail (0.75)**
Mccone County									
14 SW Brockway	**05**	**1740MST**			**0**	**0**			**Hail (0.75)**
Mccone County									
3 NW Brockway	**05**	**1750MST**			**0**	**0**			**Hail (0.88)**
Garfield County									
2 W Van Norman	**05**	**1810MST**			**0**	**0**			**Hail (1.75)**
Garfield County									
6 NNW Van Norman	**05**	**1821MST**			**0**	**0**			**Hail (1.00)**
Petroleum County									
5 SW Flatwillow	**05**	**1828MST**			**0**	**0**			**Hail (0.88)**
Garfield County									
15 S Van Norman	**05**	**1839MST**			**0**	**0**			**Hail (0.88)**
Garfield County									
34 NE (Jdn)Jordan	**05**	**1855MST**			**0**	**0**			**Hail (1.75)**
Petroleum County									
Flatwillow	**05**	**1925MST**			**0**	**0**			**Hail (0.75)**
Garfield County									
30 N Mosby	**05**	**1930MST**			**0**	**0**			**Hail (1.25)**
Petroleum County									
10 N Winnett	**05**	**1945MST**			**0**	**0**			**Hail (1.25)**
Garfield County									
7 S Mosby	**05**	**2000MST**			**0**	**0**			**Hail (1.00)**
Garfield County									
37 W Jordan	**05**	**2005MST**			**0**	**0**			**Hail (1.75)**
Garfield County									
10 S Mosby	**05**	**2020MST**			**0**	**0**			**Hail (2.75)**
Phillips County									
Content	**05**	**2031MST**			**0**	**0**			**Hail (1.00)**
Phillips County									
7 E Zortman	**05**	**2040MST**			**0**	**0**			**Hail (1.75)**
Phillips County									
14 E Zortman	**05**	**2040MST**			**0**	**0**			**Hail (2.75)**
Phillips County									
Dodson	**05**	**2120MST**			**0**	**0**			**Hail (0.88)**
Phillips County									
4 N Landusky	**05**	**2130MST**			**0**	**0**			**Hail (1.25)**

Storm Data and Unusual Weather Phenomena

July 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MONTANA, East									
Garfield County									
25 SW Jordan	**05**	**2135MST**			**0**	**0**			**Hail (0.75)**
Prairie County									
Terry	**05**	**2200MST**			**0**	**0**			**Hail (1.25)**
Garfield County									
Jordan	**05**	**2205MST**			**0**	**0**			**Hail (0.75)**
Dawson County									
Glendive	**06**	**0025MST**			**0**	**0**			**Hail (0.75)**
Valley County									
35 SW Glasgow	**06**	**0151MST**			**0**	**0**			**Thunderstorm Wind (G50) M**
Valley County									
10 S Glasgow	**06**	**0155MST**			**0**	**0**			**Hail (0.75)**
Valley County									
10 S Glasgow	**06**	**0205MST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Mccone County									
20 NW Circle	**06**	**1230MST**			**0**	**0**			**Hail (0.75)**
Garfield County									
10 WSW Jordan	**07**	**1955MST**			**0**	**0**			**Hail (1.00)**
Garfield County									
10 SE Jordan	**07**	**2114MST**			**0**	**0**			**Hail (1.00)**
Dawson County									
2 W Lindsay	**07**	**2330MST**			**0**	**0**			**Hail (0.88)**
Dawson County									
Lindsay	**08**	**0010MST**			**0**	**0**			**Hail (0.75)**
Wibaux County									
6 NW Wibaux	**08**	**0704MST**			**0**	**0**			**Hail (1.75)**
Valley County									
South Portion	**08**	**1230MST**			**0**	**0**			**Flash Flood**
	09	**0200MST**							
Phillips County									
65 SW Malta	**08**	**1900MST**			**0**	**0**			**Hail (1.25)**
Phillips County									
Fourchette	**08**	**2030MST**			**0**	**0**			**Hail (1.25)**
Valley County									
45 SW Glasgow	**08**	**2130MST**			**0**	**0**			**Hail (2.00)**
Petroleum County									
35 NNE Winnett	**08**	**2135MST**			**0**	**0**			**Hail (1.00)**
Petroleum County									
35 NNE Winnett	**08**	**2135MST**			**0**	**0**			**Thunderstorm Wind (G61)**
Phillips County									
Fourchette	**08**	**2140MST**			**0**	**0**			**Hail (1.75)**
Garfield County									
15 W Brusett	**08**	**2200MST**			**0**	**0**	**12K**	**80K**	**Hail (1.75)**
Garfield County									
22 N Jordan	**08**	**2230MST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Garfield County									
Jordan Arpt	**08**	**2254MST**			**0**	**0**			**Thunderstorm Wind (G67) M**
Mccone County									
38 NW Circle	**08**	**2300MST**			**0**	**0**			**Hail (0.88)**
Garfield County									
Jordan	**08**	**2302MST**			**0**	**0**	**100K**	**40K**	**Hail (3.00)**
Mccone County									
9 N Weldon	**08**	**2345MST**			**0**	**0**			**Thunderstorm Wind (G61) M**
Mccone County									
20 WNW Brockway	**08**	**2355MST**			**0**	**0**			**Hail (1.00)**
Prairie County									
45 NW Terry	**09**	**0045MST**			**0**	**0**			**Hail (0.75)**
Mccone County									
10 W Brockway	**09**	**0100MST**			**0**	**0**			**Hail (0.75)**
Dawson County									
15 SE Glendive	**09**	**0305MST**			**0**	**0**			**Hail (2.00)**
Wibaux County									
6 NW Wibaux	**09**	**0330MST**			**0**	**0**			**Hail (1.00)**

Storm Data and Unusual Weather Phenomena

July 2000

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
MONTANA, East									
Phillips County									
11 N Dodson	**09**	**1345MST**			**0**	**0**			**Hail (1.75)**
Phillips County									
Whitewater	**09**	**1430MST**			**0**	**0**			**Hail (1.00)**
Petroleum County									
8 S Winnett	**09**	**1435MST**			**0**	**0**			**Hail (0.75)**
Petroleum County									
7 S Winnett	**09**	**1440MST**			**0**	**0**			**Hail (1.00)**
Petroleum County									
Flatwillow	**09**	**1450MST**			**0**	**0**			**Hail (1.75)**
Phillips County									
7 NE Saco	**09**	**1453MST**			**0**	**0**			**Hail (0.75)**
Phillips County									
8 N Saco	**09**	**1455MST**			**0**	**0**			**Hail (0.75)**
Phillips County									
10 N Saco	**09**	**1505MST**			**0**	**0**			**Hail (1.75)**
Petroleum County									
Flatwillow	**09**	**1507MST**			**0**	**0**			**Hail (3.50)**
Valley County									
10 N Hinsdale	**09**	**1513MST**			**0**	**0**			**Hail (1.75)**
Valley County									
13 NE Hinsdale	**09**	**1525MST**			**0**	**0**			**Hail (2.00)**
Valley County									
7 N Hinsdale	**09**	**1555MST**			**0**	**0**			**Hail (0.75)**
Garfield County									
Cohagen	**09**	**1611MST**			**0**	**0**			**Hail (1.75)**
Valley County									
8 WNW Larslan	**09**	**1703MST**			**0**	**0**			**Hail (1.00)**
Valley County									
6 WNW Larslan	**09**	**1708MST**			**0**	**0**			**Flash Flood**
Water running over Cool Rd 6-8 inches deep.									
Garfield County									
5 SE Cohagen	**09**	**1730MST**			**0**	**0**			**Flash Flood**
		2330MST							
Water was crossing Hwy 59 between Rock Springs and Cohagen.									
Garfield County									
23 NE Jordan	**09**	**1738MST**			**0**	**0**			**Hail (0.88)**
Valley County									
36 ENE Glasgow	**09**	**1738MST**			**0**	**0**			**Hail (1.00)**
Mccone County									
58 NW Circle	**09**	**1800MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Valley County									
5 N Frazer	**09**	**1800MST**			**0**	**0**			**Hail (1.25)**
Prairie County									
8 SW Terry	**09**	**1840MST**			**0**	**0**			**Hail (0.88)**
Prairie County									
30 NW Terry	**09**	**1844MST**			**0**	**0**			**Thunderstorm Wind (G61) M**
Garfield County									
15 E Jordan	**09**	**1855MST**			**0**	**0**			**Flash Flood**
Heavy rain caused the Little Dry Creek to overflow its banks . The water from the creek was high enough to inundate Hwy 200 between Jordan and Flowing Wells. The rapidly rising water also caused wash outs on area gravel roads.									
Mccone County									
5 SE Weldon	**09**	**2050MST**			**0**	**0**	**30K**		**Flash Flood**
Heavy rain caused caused a bridge on the Weldon Road to be washed out.									
Wibaux County									
Wibaux	**10**	**1454MST**			**0**	**0**			**Hail (1.25)**
Phillips County									
6 N Dodson	**10**	**1535MST**			**0**	**0**			**Hail (0.88)**
Wibaux County									
7 S Wibaux	**10**	**1551MST**			**0**	**0**			**Hail (1.75)**
Hail was 3-4 inches deep.									
Phillips County									
Malta	**10**	**1603MST**			**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

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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
MONTANA, East									
Phillips County									
Malta	**10**	**1605MST**			**0**	**0**			**Hail (1.00)**
		1606MST							
Wibaux County									
12 S Wibaux	**10**	**1606MST**			**0**	**0**			**Hail (1.75)**
Phillips County									
15 E Malta	**10**	**1612MST**			**0**	**0**			**Hail (0.75)**
Phillips County									
7 E Malta	**10**	**1616MST**			**0**	**0**			**Hail (0.88)**
Phillips County									
Malta	**10**	**1628MST**			**0**	**0**			**Flash Flood**
Heavy rain caused rapidly rising water in downtown Malta. Streets were flooded included the town underpass. Several business had parking lots flooded.									
Phillips County									
Saco	**10**	**1650MST**			**0**	**0**			**Hail (0.88)**
Valley County									
4 W Hinsdale	**10**	**1705MST**			**0**	**0**			**Hail (0.88)**
Valley County									
Hinsdale	**10**	**1707MST**			**0**	**0**			**Hail (1.75)**
Valley County									
5 E Hinsdale	**10**	**1711MST**			**0**	**0**			**Hail (1.00)**
Valley County									
20 NW Glasgow	**10**	**1715MST**	**0.5**	**50**	**0**	**0**			**Tornado (F0)**
An NWS employee reported a tornado near the Vandalia Dam.									
Valley County									
5 N Hinsdale	**10**	**1737MST**			**0**	**0**	**10K**	**100K**	**Hail (2.00)**
Garfield County									
3 N Brusett	**10**	**1750MST**			**0**	**0**			**Thunderstorm Wind (G61) M**
Garfield County									
17 NW Jordan	**10**	**1810MST**			**0**	**0**			**Hail (0.75)**
Valley County									
15 NNE Glasgow	**10**	**1820MST**			**0**	**0**			**Hail (1.00)**
Prairie County									
8 SW Terry	**10**	**1825MST**			**0**	**0**			**Hail (0.75)**
Mccone County									
Vida	**10**	**1919MST**			**0**	**0**			**Hail (0.75)**
Mccone County									
Vida	**10**	**1925MST**			**0**	**0**			**Hail (1.25)**
Dawson County									
Richey	**10**	**1930MST**			**0**	**0**			**Hail (0.75)**
Roosevelt County									
Poplar	**10**	**1940MST**			**0**	**0**			**Hail (0.75)**
Richland County									
20 W Andes	**10**	**1950MST**			**0**	**0**			**Hail (0.75)**
Prairie County									
Terry	**10**	**1953MST**			**0**	**0**			**Flash Flood**
		2300MST							
Water running down city streets 3-4 inches deep.									
Sheridan County									
2 E Homestead	**10**	**1958MST**			**0**	**0**			**Flash Flood**
		2230MST							
Sheridan County Law Enforcement reported Hwy 16 impassible near Homestead due to water running over the roadway. Numerous secondary gravel roads were also impassbile.									
Sheridan County									
5 N Dagmar	**10**	**2000MST**			**0**	**0**			**Hail (1.25)**
Roosevelt County									
Culbertson	**10**	**2030MST**			**0**	**0**			**Flash Flood**
		2330MST							
Garfield County									
12 SE Jordan	**10**	**2130MST**			**0**	**0**			**Thunderstorm Wind (G61)**
Phillips County									
6 NE Dodson	**13**	**2035MST**			**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
MONTANA, East									
Phillips County									
15 NW Whitewater	**18**	**1900MST**			**0**	**0**			**Hail (1.25)**
Phillips County									
Whitewater	**18**	**1910MST**			**0**	**0**			**Hail (1.00)**
Phillips County									
Loring	**18**	**1940MST**			**0**	**0**			**Hail (0.75)**
Phillips County									
Zortman	**19**	**1735MST**			**0**	**0**			**Hail (0.75)**
Petroleum County									
35 NE Winnett	**19**	**1845MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Prairie County									
12 E Fallon	**20**	**1430MST**			**0**	**0**			**Hail (1.00)**
Prairie County									
15 E Fallon	**20**	**1449MST**			**0**	**0**			**Hail (0.75)**
Garfield County									
9 E Cohagen	**20**	**1530MST**			**0**	**0**			**Hail (0.88)**
Prairie County									
5 SE Fallon	**20**	**1715MST**			**0**	**0**			**Hail (0.75)**
Prairie County									
7 SE Fallon	**20**	**1720MST**			**0**	**0**			**Hail (1.00)**
Phillips County									
10 N Saco	**21**	**1950MST**			**0**	**0**			**Hail (0.75)**
Valley County									
7 WNW Hinsdale	**21**	**2000MST**			**0**	**0**			**Hail (0.75)**
Valley County									
4 W Hinsdale	**21**	**2018MST**			**0**	**0**			**Hail (0.75)**
Sheridan County									
7 S Plentywood	**23**	**1855MST**			**0**	**0**			**Hail (0.75)**
Richland County									
20 NW Sidney	**27**	**1925MST**			**0**	**0**			**Hail (1.50)**
Wibaux County									
Wibaux	**27**	**1925MST**			**0**	**0**			**Hail (0.88)**
MONTANA, South									
Wheatland County									
5 E Harlowton	**02**	**1615MST**			**0**	**0**			**Hail (0.75)**
Wheatland County									
10 S Twodot	**02**	**1615MST**			**0**	**0**			**Hail (1.00)**
Wheatland County									
1 E Harlowton	**02**	**1650MST**			**0**	**0**			**Hail (0.75)**
Wheatland County									
Twodot	**03**	**1430MST**			**0**	**0**			**Hail (1.00)**
Wheatland County									
Judith Gap	**03**	**1458MST**			**0**	**0**			**Hail (1.00)**
Wheatland County									
Judith Gap	**03**	**1459MST**			**0**	**0**			**Hail (0.75)**
Golden Valley County									
22 N Ryegate	**03**	**1546MST**			**0**	**0**			**Hail (2.00)**
Musselshell County									
20 NE Roundup	**03**	**1650MST**			**0**	**0**	**3K**		**Tstm Wind/Hail**
2.00 inch hail reported along with broken windows. A hay bale was blown 50 yards.									
Treasure County									
18 W Hysham	**03**	**1940MST**			**0**	**0**			**Hail (0.75)**
Rosebud County									
Ingomar	**03**	**2000MST**			**0**	**0**			**Hail (0.75)**
Carbon County									
Joliet	**04**	**1400MST**			**0**	**0**			**Hail (0.75)**
Yellowstone County									
10 SW Billings	**04**	**1405MST**			**0**	**0**			**Hail (0.88)**
Yellowstone County									
Worden	**04**	**1500MST**			**0**	**0**			**Hail (0.75)**
Yellowstone County									
Shepherd	**04**	**1505MST**			**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

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
MONTANA, South									
Yellowstone County									
Pompeys Pillar	**04**	**1543MST**			**0**	**0**			**Hail (0.75)**
Treasure County									
8 SE Hysham	**04**	**1620MST**			**0**	**0**			**Hail (0.75)**
Powder River County									
5 S Biddle	**04**	**1645MST**			**0**	**0**			**Hail (0.75)**
Custer County									
10 N Miles City	**04**	**1700MST**			**0**	**0**	**10K**		**Dry Microburst**
11 telephone poles snapped from 1-mile wide microburst on Kinsey Road									
Yellowstone County									
16 N Pompeys Pillar	**04**	**1700MST**			**0**	**0**			**Hail (0.75)**
Rosebud County									
Forsyth	**04**	**1704MST**			**0**	**0**			**Hail (0.75)**
Custer County									
Miles City	**04**	**1754MST**			**0**	**0**			**Thunderstorm Wind (G63)**
63 mph thunderstorm wind gust									
Custer County									
Miles City	**04**	**1758MST**			**0**	**0**			**Thunderstorm Wind (G91) [M]**
91 mph thunderstorm wind gust									
Carter County									
27 W Alzada	**04**	**1800MST**			**0**	**0**			**Hail (1.00)**
Custer County									
7 NE Miles City	**04**	**1806MST**			**0**	**0**			**Thunderstorm Wind (G65) [M]**
65 mph thunderstorm wind gust									
Custer County									
10 NE Miles City	**04**	**1815MST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Window blown out of home									
Custer County									
Miles City	**04**	**1820MST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Several trees downed									
Custer County									
Mizpah	**04**	**1830MST**			**0**	**0**			**Hail (0.75)**
Carter County									
Alzada	**04**	**1845MST**			**0**	**0**			**Hail (2.75)**
Carter County									
Alzada	**04**	**1845MST**			**0**	**0**			**Thunderstorm Wind (G62) [M]**
62 mph thunderstorm wind gust									
Fallon County									
Plevna	**04**	**1902MST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Several trees downed									
Fallon County									
16 NE Baker	**04**	**2010MST**			**0**	**0**			**Hail (0.75)**
Powder River County									
22 W Broadus	**05**	**1630MST**			**0**	**0**			**Funnel Cloud**
Powder River County									
30 NW Broadus	**05**	**1650MST**			**0**	**0**			**Hail (0.75)**
Powder River County									
25 NW Broadus	**05**	**1705MST**			**0**	**0**			**Hail (1.75)**
Powder River County									
30 W Broadus	**05**	**1726MST**			**0**	**0**			**Hail (2.75)**
Rosebud County									
3 E Forsyth	**05**	**1742MST**			**0**	**0**			**Hail (0.75)**
Powder River County									
15 NW Broadus	**05**	**1804MST**	**0.5**	**50**	**0**	**0**			**Tornado (F0)**
NWS post storm ground survey confirmed an F0 (winds 42-72 mph) tornado 5 miles north of Epsie, or about 10 miles northwest of Broadus. The tornado was on the ground for 1 minute. The path of the tornado was 1/2 mile long and 50 yards wide. The tornado remained over open range and caused no damage.									
Rosebud County									
Colstrip	**05**	**1805MST**			**0**	**0**			**Hail (0.88)**
Powder River County									
20 W Broadus	**05**	**1810MST**			**0**	**0**			**Hail (2.75)**
Powder River County									
7 NW Broadus	**05**	**1840MST**			**0**	**0**			**Funnel Cloud**

Storm Data and Unusual Weather Phenomena

July 2000

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
MONTANA, South									
Powder River County									
7 N Broadus	**05**	**1920MST**			**0**	**0**			**Hail (2.50)**
Powder River County									
10 N Broadus	**05**	**1954MST**			**0**	**0**	**0**		**Thunderstorm Wind (G60)**
60 mph wind gust									
Carter County									
Ekalaka	**05**	**2142MST**			**0**	**0**			**Hail (0.75)**
Powder River County									
25 W Broadus	**05**	**1625MST**	**0.5**	**50**	**0**	**0**			**Tornado (F0)**
NWS post storm ground survey confirmed an F0 (winds 42-72 mph) tornado. Tornado damaged some trees. This was the same tornado that touched down 5 miles north of Epsie at 1804 MST.									
Golden Valley County									
6 E Lavina	**09**	**1442MST**			**0**	**0**			**Hail (1.00)**
Musselshell County									
6 W Roundup	**09**	**1450MST**			**0**	**0**			**Hail (0.75)**
Musselshell County									
1 W Roundup	**09**	**1455MST**			**0**	**0**			**Hail (1.00)**
Musselshell County									
Roundup	**09**	**1456MST**			**0**	**0**			**Hail (1.75)**
Sweet Grass County									
5 S Big Timber	**09**	**1528MST**			**0**	**0**			**Hail (0.75)**
Musselshell County									
Melstone	**09**	**1545MST**			**0**	**0**			**Hail (1.00)**
Rosebud County									
Angela	**09**	**1545MST**			**0**	**0**			**Hail (2.75)**
Rosebud County									
Ingomar	**09**	**1640MST**			**0**	**0**			**Hail (2.00)**
Stillwater County									
6 SW Molt	**09**	**1646MST**			**0**	**0**			**Hail (0.75)**
Yellowstone County									
10 SW Billings	**09**	**1659MST**			**0**	**0**			**Thunderstorm Wind (G60)**
Rosebud County									
3 S Rock Spgs	**09**	**1700MST**			**0**	**0**			**Hail (2.75)**
Yellowstone County									
2 W Billings	**09**	**1704MST**			**0**	**0**			**Hail (0.75)**
Yellowstone County									
2 NE Billings	**09**	**1709MST**			**0**	**0**			**Hail (0.75)**
Yellowstone County									
3 NE Billings	**09**	**1710MST**			**0**	**0**			**Hail (1.00)**
Yellowstone County									
10 E Billings	**09**	**1722MST**			**0**	**0**			**Hail (0.75)**
Rosebud County									
Rock Spgs	**09**	**1725MST**			**0**	**0**			**Tstm Wind/Hail**
87 mph wind gust with 1 3/4 inch hail									
Rosebud County									
Rock Spgs	**09**	**1728MST**			**0**	**0**	**10K**		**Thunderstorm Wind (G75)**
75 mph wind gust. Wind destroyed a barn.									
Yellowstone County									
3 W Billings	**09**	**1728MST**			**0**	**0**			**Thunderstorm Wind (G60)**
Rosebud County									
20 N Ingomar	**09**	**1735MST**			**0**	**0**	**5K**		**Thunderstorm Wind (G75)**
Roof damaged. Wind rolled horse trailer 70 yards									
Yellowstone County									
Pompeys Pillar	**09**	**1748MST**			**0**	**0**			**Hail (0.75)**
Custer County									
20 NE Miles City	**09**	**1750MST**			**0**	**0**			**Hail (1.00)**
Custer County									
22 NE Miles City	**09**	**1800MST**			**0**	**2**	**5K**	**10K**	**Tstm Wind/Hail**
2 inch diameter hail. Crop and window damage. Foot of water over Frontage Road along Interstate 94. Interstate 94 closed for one hour due to water over the road. Car accident near mile marker 160 with two injuries.									
Custer County									
Kinsey	**09**	**1815MST**			**0**	**0**			**Hail (2.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
MONTANA, South									
Big Horn County									
8 N Hardin	**09**	**1820MST**			**0**	**0**	**2K**		**Thunderstorm Wind (G58)**
58 mph thunderstorm wind gust. Tree limbs down.									
Custer County									
13 E Miles City	**09**	**1825MST**			**0**	**0**			**Hail (1.00)**
Stillwater County									
4 S Rapelje	**23**	**1800MST**			**0**	**0**	**20K**		**Dry Microburst**
Wind damage with large trees downed. Roof blown off.									
Yellowstone County									
Laurel	**23**	**1800MST**			**0**	**0**			**Dry Microburst**
Wind damage and power outage.									
Yellowstone County									
Billings	**23**	**1815MST**			**0**	**0**			**Dry Microburst**
Wind damage with 55-60 mile per hour winds.									
Big Horn County									
4 SE Hardin	**23**	**1930MST**			**0**	**0**	**3K**		**Dry Microburst**
Wind damage with 60-70 mile per hour winds. Large trees downed.									
Big Horn County									
Hardin	**23**	**1930MST**			**0**	**0**	**10K**		**Dry Microburst**
Wind damage. Large tree downed. Roof damaged.									
Big Horn County									
Crow Agency	**23**	**1950MST**			**0**	**0**			**Dry Microburst**
Wind damage with 60 mile per hour wind gust									
Big Horn County									
15 E Crow Agency to Crow Agency	**23**	**2000MST**			**0**	**0**			**Dry Microburst**
60 mph wind gust at a RAWS station at Wolf Mountain.									
Big Horn County									
5 E Hardin	**23**	**2000MST**			**0**	**0**			**Dry Microburst**
Wind damage with 60 mph wind gust. Power outage.									
Big Horn County									
Busby	**23**	**2010MST**			**0**	**0**	**3K**		**Dry Microburst**
Wind damage with 60 mph winds. Trees downed.									
Rosebud County									
Ashland	**23**	**2025MST**			**0**	**0**			**Dry Microburst**
Wind damage with 70 mph wind gust.									
Rosebud County									
Lame Deer	**23**	**2040MST**			**0**	**0**			**Dry Microburst**
73 mph thunderstorm wind gust from a RAWS station at Badger Peak.									
Powder River County									
Broadus	**23**	**2140MST**			**0**	**0**			**Dry Microburst**
Wind damage with 70 mph wind gust.									
Carter County									
Mill Iron	**23**	**2220MST**			**0**	**0**	**3K**		**Dry Microburst**
Tree damage with 60-70 mph winds									
A cold front moved through south central Montana during the late afternoon and evening hours of the 23rd. Very little moisture was present at the surface. As a result...high-based thunderstorms developed which produced strong dry microburst winds in many areas.									
Powder River County									
8 SW Biddle	**26**	**2055MST**			**0**	**0**			**Tstm Wind/Hail**
Nickel size hail and an 18 inch tree branch broken off due to a thunderstorm.									
Big Horn County									
Decker	**27**	**1620MST**			**0**	**0**	**4K**		**Thunderstorm Wind**
Roof damage at Decker with thunderstorm winds.									
Powder River County									
20 W Broadus to Broadus	**27**	**1740MST**			**0**	**0**			**Thunderstorm Wind (G65) M**
RAWS station at Fort Howes recorded a wind gust of 65 mph.									
Rosebud County									
Lame Deer	**27**	**1740MST**			**0**	**0**			**Thunderstorm Wind (G62) M**
RAWS station at Badger Peak reported a wind gust of 62 mph.									

Storm Data and Unusual Weather Phenomena

July 2000

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
MONTANA, South									
Fallon County									
Baker	**27**	**1955MST**			**0**	**0**			**Hail (2.75)**
Baseball size hail north of Baker									
Fallon County									
Baker	**27**	**2020MST**			**0**	**0**	**1K**		**Tstm Wind/Hail**
Spotter northeast of Baker reported 4 inch diameter hail and 60+ mph winds. Backyard and frontyard flooded.									
Fallon County									
Baker	**27**	**2050MST**			**0**	**0**			**Hail (1.75)**
Fallon County									
Baker	**27**	**2125MST**			**0**	**0**			**Hail (0.75)**
MONTANA, West									
Silver Bow County									
(Btm)Mooney Arpt But	**22**	**1717MST**			**0**	**0**			**Thunderstorm Wind (G56) M**
Missoula County									
(Mso)Missoula Intl A	**22**	**1721MST**			**0**	**0**			**Thunderstorm Wind (G50)**
Powell County									
Ovando	**22**	**1843MST**			**0**	**0**			**Thunderstorm Wind (G50)**
Missoula County									
Evaro	**22**	**1858MST**			**0**	**0**			**Thunderstorm Wind (G50)**
Flathead County									
Bigfork to Columbia Falls	**22**	**1930MST 2039MST**			**1**	**1**			**Thunderstorm Wind (G50)**
M59UT 50 to 60 mph thunderstorm wind gusts at the Missoula airport blew down storage area wall next to NWS office. Report of minor roof damage in Ovando in Powell County from thunderstorm winds. Billboard blown down along HWY 93 near Evaro Hill in Missoula County. Thunderstorm wind gusts 50 to 60 mph blew down 50 foot-tall pine tree onto two men at Echo Lake near Bigfork in Flathead County. 59 year old man died from the accident, and his son received injuries to his shoulder. Thunderstorm winds caused damage from Bigfork to Columbia Falls, where two cars were hit by falling trees and power lines were brought down by 50 to 60 mph wind gusts.									
Silver Bow County									
Butte	**24**	**1530MST 1630MST**			**0**	**0**			**Thunderstorm Wind (G50)**
Thunderstorm winds moved through uptown Butte between 430 PM and 530 PM, which damaged utility poles and down trees onto several cars at Park and Main streets. About 200 people were without power from power outages in uptown Butte.									
Ravalli County									
Hamilton	**26**	**1720MST**			**0**	**0**			**Hail (0.75)**
Granite County									
Central Portion to Bearmouth	**26**	**1827MST 1830MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Weather spotter four miles southeast of Hamilton reported 3/4 inch hail and 50 mph winds. Weather spotter 15 miles south of Clinton up Rock Creek drainage reported 60 mph thunderstorm wind gusts which downed trees.									
NEBRASKA, Central									
Loup County									
17 NNE Taylor	**01**	**0830CST**			**0**	**0**		**5K**	**Hail (1.00)**
Loup County									
5 E Taylor	**01**	**0930CST**			**0**	**0**			**Hail (0.75)**
Garfield County									
3 SSW Burwell	**01**	**0943CST**			**0**	**0**		**5K**	**Hail (1.00)**
Lincoln County									
North Platte Arpt	**03**	**1439CST**			**0**	**0**			**Thunderstorm Wind (G50) M**
Wind speed measured at 58 mph at Lee Bird Field (LBF).									
Hooker County									
25 SW Mullen	**03**	**1450MST**			**0**	**0**			**Hail (0.88)**
Lincoln County									
4 N North Platte	**03**	**1500CST**			**0**	**0**	**1K**		**Hail (0.88)**
Large tree branches down.									
Mcpherson County									
16 SW Tryon	**03**	**1525CST**			**0**	**0**			**Hail (0.75)**
Cherry County									
30 W Brownlee	**03**	**1600MST**			**0**	**0**	**1K**		**Thunderstorm Wind (G52)**
Tree branches down.									
Mcpherson County									
7 WNW Tryon	**03**	**1600CST**			**0**	**0**	**10K**	**25K**	**Hail (1.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
NEBRASKA, Central									
	Shed blown down.								
Thomas County									
1 N Seneca	**03**	**1610CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G52)**
	Large tree branches down from 60 mph wind.								
Lincoln County									
12 S Brady	**03**	**1630CST**			**0**	**0**	**10K**		**Flash Flood**
	Plum creek overflowed onto county road.								
Cherry County									
8 NW Brownlee	**03**	**1700CST**			**0**	**0**		**10K**	**Hail (1.50)**
Frontier County									
15 SW Stockville	**03**	**1755CST**			**0**	**0**		**5K**	**Hail (0.88)**
Frontier County									
19 SW Stockville	**03**	**1800CST**			**0**	**0**			**Hail (0.75)**
Frontier County									
15 SW Stockville	**03**	**1810CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
		1811CST							
	Trained spotter reported brief tornado touchdown.								
Frontier County									
14 S Curtis	**03**	**1845CST**			**0**	**0**			**Hail (0.88)**
Frontier County									
12 ESE Stockville	**03**	**1920CST**			**0**	**0**	**10K**		**Flash Flood**
	6-10 inches of water over roads in SW Frontier county.								
Holt County									
Swan Lake	**03**	**1945CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G52)**
	Tree branches down.								
Thomas County									
2 W Halsey	**05**	**0642CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Blaine County									
16 NNW Brewster	**05**	**0650CST**			**0**	**0**		**5K**	**Hail (1.00)**
Blaine County									
Brewster	**05**	**0730CST**			**0**	**0**	**150K**		**Thunderstorm Wind (G70)**
	Extensive wind damage in and around Brewster with trees down, power lines down, and outbuildings damaged. Sheriff estimated wind gusts up to 100 mph.								
Loup County									
8 WNW Almeria	**05**	**0750CST**			**0**	**0**			**Hail (0.88)**
Loup County									
23 W Taylor	**05**	**0751CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
	Trees uprooted due to high winds.								
Holt County									
10 SW Amelia	**05**	**0805CST**			**0**	**0**	**5K**	**15K**	**Hail (1.50)**
Garfield County									
12 E Burwell	**05**	**0910CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
	Large tree branches on highway.								
Wheeler County									
7 N Ericson	**05**	**0915CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Wheeler County									
Bartlett	**05**	**0935CST**			**0**	**0**	**250K**		**Thunderstorm Wind**
	Extensive wind damage in and around Bartlett. A canopy was torn off a gas station, several trees branches and power lines were down, and several grain bins were damaged or destroyed. In addition, 20 R.E.A poles were snapped off and several center pivot irrigation systems were overturned south of Bartlett.								
Hayes County									
15 WNW Hayes Center	**05**	**1930CST**			**0**	**0**			**Hail (0.88)**
Lincoln County									
5 S North Platte	**05**	**1930CST**			**0**	**0**	**20K**	**10K**	**Hail (1.75)**
Lincoln County									
Wallace	**05**	**1943CST**			**0**	**0**	**150K**	**100K**	**Hail (2.50)**
Lincoln County									
5 SE North Platte	**05**	**1945CST**			**0**	**0**			**Hail (0.75)**
Lincoln County									
11 SSE Sutherland	**05**	**2010CST**			**0**	**0**	**20K**	**30K**	**Hail (1.75)**
Lincoln County									
North Platte	**05**	**2027CST**			**0**	**0**			**Hail (0.88)**

Storm Data and Unusual Weather Phenomena

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
NEBRASKA, Central									
Lincoln County									
2 NW Hershey	**05**	**2042CST**			**0**	**0**			**Hail (0.88)**
Holt County									
15 N Stuart	**06**	**0200CST**			**0**	**0**	**10K**		**Flash Flood**
Two county roads reported washout damage.									
Sheridan County									
5 S Gordon	**08**	**1508MST**			**0**	**0**		**10K**	**Hail (1.25)**
Sheridan County									
Clinton	**08**	**1540MST**			**0**	**0**	**50K**	**30K**	**Hail (1.75)**
Sheridan County									
Rushville	**08**	**1557MST**			**0**	**0**			**Hail (0.75)**
Sheridan County									
2 N Rushville	**08**	**1620MST**			**0**	**0**		**5K**	**Hail (1.00)**
Lincoln County									
North Platte Arpt	**08**	**1645CST**			**0**	**0**			**Thunderstorm Wind (G53) [M]**
A dry microburst caused a 61 mph wind gust report at North Platte Regional Airport (LBF).									
Cherry County									
55 S Merriman	**09**	**1430MST**			**0**	**0**		**5K**	**Hail (1.00)**
Grant County									
4 NNW Hyannis	**09**	**1515MST**			**0**	**0**			**Hail (0.75)**
Cherry County									
56 S Merriman	**09**	**1520MST**			**0**	**0**		**5K**	**Hail (1.25)**
Grant County									
5 N Hyannis	**09**	**1542MST**			**0**	**0**		**5K**	**Hail (1.00)**
Grant County									
1 SSE Whitman	**09**	**1600MST**			**0**	**0**			**Hail (0.88)**
Hooker County									
14 WSW Mullen	**09**	**1624MST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Large tree down.									
Hooker County									
11 W Mullen	**09**	**1630MST**			**0**	**0**	**25K**	**30K**	**Hail (2.75)**
Hooker County									
6 S Mullen	**09**	**1655MST**			**0**	**0**	**10K**	**20K**	**Hail (1.75)**
Hooker County									
1 SW Mullen	**09**	**1700MST**			**0**	**0**		**5K**	**Hail (1.00)**
Keith County									
3 N Paxton	**09**	**1803MST**			**0**	**0**			**Hail (0.88)**
Mcpherson County									
20 NW Tryon	**09**	**1805CST**			**0**	**0**		**5K**	**Hail (1.00)**
Thomas County									
Seneca	**09**	**1824CST**			**0**	**0**			**Hail (0.75)**
Lincoln County									
12 NNE Sutherland	**09**	**1908CST**			**0**	**0**	**20K**	**40K**	**Hail (2.50)**
Thomas County									
Halsey	**09**	**1915CST**			**0**	**0**			**Hail (0.75)**
Lincoln County									
Sutherland	**09**	**1917CST**			**0**	**0**			**Hail (0.88)**
60 mph winds.									
Blaine County									
9 NW Dunning	**09**	**1925CST**			**0**	**0**			**Hail (0.75)**
Thomas County									
1 W Halsey	**09**	**1928CST**			**0**	**0**		**5K**	**Hail (1.00)**
Lincoln County									
2 NNE Hershey	**09**	**1937CST**			**0**	**0**	**20K**	**40K**	**Hail (2.50)**
Lincoln County									
North Platte	**09**	**1954CST**			**0**	**0**			**Hail (0.75)**
Lincoln County									
North Platte	**09**	**2010CST**			**0**	**0**	**50K**		**Hail (1.75)**
Lincoln County									
10 S North Platte	**09**	**2012CST**			**0**	**0**	**10K**	**10K**	**Hail (2.25)**
Lincoln County									
12 SW Maxwell	**09**	**2035CST**			**0**	**0**	**10K**	**25K**	**Hail (1.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
NEBRASKA, Central									
Garden County									
8 SSW Oshkosh	**10**	**1517MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Sheridan County									
12 NW Antioch	**10**	**1550MST**			**0**	**0**			**Hail (0.75)**
Chase County									
2 S Imperial	**10**	**1720MST**			**0**	**0**			**Hail (0.75)**
Cherry County									
15 W Brownlee	**11**	**0215CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Large tree limbs down.									
Cherry County									
17 S Eli	**15**	**1610MST**			**0**	**0**			**Hail (0.75)**
Rock County									
12 ESE Rose	**19**	**2210CST**			**0**	**0**			**Hail (0.75)**
Holt County									
18 SW Amelia	**19**	**2215CST**			**0**	**0**			**Hail (0.75)**
Garfield County									
19 NNE Burwell	**19**	**2230CST**			**0**	**0**			**Hail (0.88)**
Frontier County									
4 W Stockville	**20**	**2010CST**			**0**	**0**		**15K**	**Hail (1.00)**
Rock County									
5 N Newport	**21**	**1518CST**			**0**	**0**			**Hail (0.88)**
Rock County									
Newport	**21**	**1545CST**			**0**	**0**			**Hail (0.88)**
Holt County									
7 SSW Stuart	**21**	**1548CST**			**0**	**0**			**Hail (0.75)**
Cherry County									
43 S Merriman	**21**	**1615MST**			**0**	**0**			**Hail (0.75)**
Holt County									
Swan Lake	**21**	**1640CST**			**0**	**0**			**Hail (0.75)**
Garden County									
28 N Lewellen	**21**	**1655MST** **1725MST**			**0**	**0**			**Thunderstorm Wind (G69)**
Grant County									
10 SSW Hyannis	**21**	**1700MST**			**0**	**0**			**Hail (0.88)**
Keith County									
7 W Lemoyne	**21**	**1720MST**			**0**	**0**		**15K**	**Hail (1.00)**
Garfield County									
15 N Burwell	**21**	**1725CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Garfield County									
12 N Burwell	**21**	**1737CST**			**0**	**0**			**Hail (0.88)**
Keith County									
4 NW Roscoe	**21**	**1750MST**			**0**	**0**		**15K**	**Hail (1.00)**
Garfield County									
3 E Burwell	**21**	**1810CST**			**0**	**0**		**15K**	**Hail (1.00)**
Garfield County									
2 SSE Burwell	**21**	**1810CST**			**0**	**0**	**20K**		**Thunderstorm Wind**
Thunderstorm winds destroyed a shed and damaged a quonset building.									
Perkins County									
3 NNW Madrid	**21**	**1900MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Chase County									
17 N Wauneta	**21**	**1905MST**			**0**	**0**			**Thunderstorm Wind (G61)**
Hayes County									
14 NW Hayes Center	**21**	**2015CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Frontier County									
8 S Maywood	**21**	**2050CST**			**0**	**0**			**Hail (0.75)**
Custer County									
22 NNW Broken Bow	**22**	**1500CST**			**0**	**0**		**15K**	**Hail (1.00)**
Custer County									
6 NNE Anselmo	**22**	**1520CST**			**0**	**0**	**15K**	**25K**	**Hail (1.75)**
Custer County									
7 N Broken Bow	**22**	**1605CST**			**0**	**0**	**15K**	**30K**	**Hail (1.75)**
Rock County									
13 SE Rose	**22**	**1605CST**			**0**	**0**			**Hail (0.88)**

Storm Data and Unusual Weather Phenomena

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
NEBRASKA, Central									
Rock County									
16 SSE Rose	**22**	**1610CST**			**0**	**0**		**25K**	**Hail (1.25)**
Holt County									
14 SW Amelia	**22**	**1615CST**			**0**	**0**			**Hail (0.75)**
Custer County									
3 W Broken Bow	**22**	**1620CST**			**0**	**0**	**20K**	**40K**	**Hail (2.00)**
Rock County									
Newport	**22**	**1639CST**			**0**	**0**		**15K**	**Hail (1.00)**
Custer County									
Oconto	**22**	**1648CST**			**0**	**0**	**100K**		**Hail (1.75)**
Rock County									
7 NNE Bassett	**22**	**1650CST**			**0**	**0**		**15K**	**Hail (1.00)**
Custer County									
4 N Oconto	**22**	**1655CST**			**0**	**0**	**15K**	**40K**	**Hail (1.75)**
Rock County									
Bassett	**22**	**1714CST**			**0**	**0**			**Hail (0.75)**
Custer County									
4 S Oconto	**22**	**1722CST**			**0**	**0**	**15K**	**40K**	**Hail (1.75)**
Holt County									
2 SE Inman	**22**	**1725CST**			**0**	**0**			**Hail (0.75)**
Rock County									
1 E Bassett	**22**	**1730CST**			**0**	**0**	**15K**	**40K**	**Hail (1.75)**
Rock County									
4 S Bassett	**22**	**1756CST**			**0**	**0**	**100K**	**50K**	**Hail (2.00)**
	An 80 foot radio tower was blown down by thunderstorm winds.								
Wheeler County									
7 NNW Bartlett	**22**	**1830CST**			**0**	**0**	**10K**	**20K**	**Hail (1.75)**
Wheeler County									
3 N Ericson	**22**	**1910CST**			**0**	**0**			**Hail (0.88)**
Blaine County									
5 NNE Brewster	**22**	**1940CST**			**0**	**0**			**Hail (0.75)**
Garfield County									
17 N Burwell	**22**	**1943CST**			**0**	**0**	**10K**	**15K**	**Hail (1.75)**
Blaine County									
3 N Brewster	**22**	**1945CST**			**0**	**0**	**5K**	**15K**	**Hail (1.75)**
	Hail broke windshield of patrol car.								
Blaine County									
3 N Brewster	**22**	**1947CST**			**0**	**0**	**10K**	**15K**	**Hail (1.75)**
Garfield County									
15 N Burwell	**22**	**1950CST**			**0**	**0**			**Hail (0.88)**
Blaine County									
Brewster	**22**	**1951CST**			**0**	**0**	**30K**		**Hail (1.75)**
Garfield County									
10 N Burwell	**22**	**2000CST**			**0**	**0**	**10K**	**15K**	**Hail (1.75)**
Loup County									
10 NE Taylor	**22**	**2020CST**			**0**	**0**	**10K**	**15K**	**Hail (1.75)**
Garfield County									
4 NE Burwell	**22**	**2030CST**			**0**	**0**	**10K**	**25K**	**Hail (1.75)**
Loup County									
Taylor	**22**	**2054CST**			**0**	**0**	**100K**		**Hail (1.75)**
Custer County									
6 N Sargent	**22**	**2059CST**			**0**	**0**			**Hail (0.75)**
Custer County									
7 NNE Sargent	**22**	**2100CST**			**0**	**0**		**15K**	**Hail (1.00)**
Custer County									
Sargent	**22**	**2109CST**			**0**	**0**			**Hail (0.75)**
Custer County									
Sargent	**22**	**2112CST**			**0**	**0**	**40K**		**Hail (1.50)**
Custer County									
2 N Weissert	**22**	**2145CST**			**0**	**0**	**10K**	**50K**	**Hail (1.75)**
Custer County									
Berwyn	**22**	**2200CST**			**0**	**0**	**50K**		**Hail (1.75)**

Storm Data and Unusual Weather Phenomena

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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
NEBRASKA, Central									
Keya Paha County									
22 NW Springview	**24**	**1805CST**			**0**	**0**	**10K**	**25K**	**Hail (1.75)**
Brown County									
7 NW Johnstown to	**24**	**1847CST**	**10**	**400**	**0**	**0**	**75K**	**75K**	**Tornado (F1)**
8 SW Johnstown		**1912CST**							
Keya Paha County									
18 W Springview	**24**	**1900CST**			**0**	**0**		**10K**	**Hail (1.00)**
Brown County									
3 S Johnstown	**24**	**1907CST**			**0**	**0**	**25K**	**40K**	**Hail (2.75)**
Cherry County									
10 SSE Wood Lake to	**24**	**1912CST**	**12**	**300**	**0**	**0**	**40K**	**75K**	**Tornado (F1)**
10 N Elsmere		**1930CST**							
A tornado touched down 7 miles northwest of Johnstown and was intermittently on the ground producing tree damage in Brown county. The tornado continued to touch down intermittently and grew to a width of a quarter mile near the Brown and Cherry county line. This is where the tornado caused the most extensive damage, destroying a large grove of trees, a calving shed, and moving a barn from its foundation, 8 miles southwest of Johnstown. The tornado proceeded to move nearly straight south in Cherry county and continued to cause extensive tree damage, and moved and destroyed several 1500 lb hay bales, 17 miles north of Elsmere. The tornado last touched down 10 miles north of Elsmere causing tree damage.									
Brown County									
5 SW Johnstown	**24**	**1920CST**			**0**	**0**	**15K**	**25K**	**Hail (2.00)**
Cherry County									
2 NW Elsmere	**24**	**2005CST**			**0**	**0**	**5K**	**25K**	**Hail (1.75)**
Brown County									
31 S Ainsworth	**24**	**2020CST**			**0**	**0**			**Hail (0.75)**
Blaine County									
5 SE Purdum	**24**	**2030CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Large tree limbs down.									
Cherry County									
9 ENE Elsmere	**24**	**2035CST**			**0**	**0**	**10K**	**25K**	**Hail (2.00)**
A funnel cloud reported.									
Boyd County									
3 E Naper	**24**	**2040CST**			**0**	**0**		**15K**	**Hail (1.00)**
Blaine County									
12 S Brewster	**24**	**2110CST**			**0**	**0**			**Hail (0.75)**
Custer County									
6 N Anselmo	**24**	**2110CST**			**0**	**0**		**20K**	**Hail (1.25)**
Garfield County									
9 ENE Burwell	**24**	**2115CST**			**0**	**0**			**Hail (0.75)**
Custer County									
Merna	**24**	**2205CST**			**0**	**0**			**Hail (0.75)**
Custer County									
5 E Oconto	**24**	**2259CST**			**0**	**0**			**Hail (0.88)**
Arthur County									
13 E Arthur	**26**	**1545MST**			**0**	**0**		**5K**	**Hail (1.00)**
Keith County									
10 NW Brule	**26**	**1600MST**			**0**	**0**			**Hail (0.88)**
Arthur County									
4 SW Arthur	**26**	**1627MST**			**0**	**0**		**5K**	**Hail (1.00)**
Hooker County									
19 SSW Mullen	**26**	**1642MST**			**0**	**0**	**10K**	**25K**	**Hail (1.75)**
Mcpherson County									
23 NW Tryon	**26**	**1652CST**			**0**	**0**	**5K**	**20K**	**Hail (1.75)**
Mcpherson County									
23 NW Tryon	**26**	**1717CST**			**0**	**0**	**5K**	**20K**	**Hail (1.75)**
Arthur County									
14 SSE Arthur	**26**	**1723MST**			**0**	**0**			**Hail (0.75)**
Mcpherson County									
10 N Tryon	**26**	**1747CST**			**0**	**0**			**Hail (0.88)**
Keith County									
1 NNW Keystone	**26**	**1805MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Thomas County									
Thedford	**26**	**1902CST**			**0**	**0**	**50K**		**Hail (1.75)**

Storm Data and Unusual Weather Phenomena

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
NEBRASKA, Central									
Thomas County									
4 E Thedford	**26**	**1925CST**			**0**	**0**	**5K**	**20K**	**Hail (1.75)**
Cherry County									
6 NE Brownlee	**26**	**2000CST**			**0**	**0**		**5K**	**Hail (1.00)**
Brown County									
13 SSW Johnstown	**26**	**2030CST**			**0**	**0**			**Hail (0.75)**
Blaine County									
8 NE Dunning	**26**	**2035CST**			**0**	**0**			**Hail (0.75)**
Frontier County									
9 SE Stockville	**26**	**2130CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Tree limbs down.									
Loup County									
8 WNW Almeria	**26**	**2130CST**			**0**	**0**			**Hail (0.75)**
Garfield County									
10 N Burwell	**26**	**2207CST**			**0**	**0**	**5K**	**25K**	**Hail (1.75)**
Garfield County									
11 NNE Burwell	**26**	**2230CST**			**0**	**0**		**5K**	**Hail (1.00)**
Sheridan County									
1 S Antioch	**27**	**1825MST**			**0**	**0**			**Hail (0.75)**
Garden County									
32 N Lisco	**27**	**1844MST**			**0**	**0**	**2K**		**Hail (0.75)**
Thunderstorm winds estimated at 65 mph downed tree limbs.									
Sheridan County									
Ellsworth	**27**	**1900MST**			**0**	**0**			**Hail (0.75)**
Chase County									
(Iml)Imperial Arpt	**27**	**1904MST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Hooker County									
25 SW Mullen	**27**	**2000MST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Large tree limbs down.									
Mcpherson County									
23 NW Tryon	**27**	**2100CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Large tree limbs down.									
Custer County									
2 SW Merna	**27**	**2330CST**			**0**	**0**			**Hail (0.75)**
NEBRASKA, East									
Dodge County									
Fremont Arpt	**02**	**1855CST**			**0**	**0**			**Thunderstorm Wind (G57) M**
A 66 mph Thunderstorm wind gust was measured by Asos at the Fremont Airport.									
Dodge County									
Fremont	**02**	**1855CST**			**0**	**0**			**Hail (0.88)**
Nickel size hail reported by a ham radio operator in Fremont.									
Douglas County									
Omaha	**02**	**1910CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Thunderstorm winds estimated at over 60 mph downed a few trees near 180th and West Maple Road in west Omaha.									
Saunders County									
Yutan	**02**	**1917CST**			**0**	**0**			**Hail (0.75)**
Lancaster County									
5 N Raymond	**02**	**1958CST**			**0**	**0**			**Hail (1.00)**
One inch hail reported by the public north of Raymond.									
Lancaster County									
Lincoln	**02**	**2029CST**			**0**	**0**			**Hail (0.88)**
Nickel size hail was reported near 84th and A streets in east Lincoln.									
Saline County									
3 W Friend	**02**	**2055CST**			**0**	**0**			**Hail (1.00)**
		2100CST							
Hail up to 1 inch in diameter lasted for around 5 minutes west of Friend.									
Otoe County									
4 NNW Nebraska City	**02**	**2103CST**			**0**	**0**			**Thunderstorm Wind (G70)**
Thunderstorm winds estimated at close to 80 mph uprooted trees northwest of Nebraska City.									
Saline County									
3 E Friend	**02**	**2105CST**			**0**	**0**	**15K**		**Thunderstorm Wind (G55)**
Thunderstorm wind gusts over 60 mph blew over several telephone poles 3 miles east of Friend. Large tree branches were also downed.									

Storm Data and Unusual Weather Phenomena

July 2000

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
NEBRASKA, East									
Lancaster County									
Sprague	**04**	**0100CST**			**0**	**0**			**Thunderstorm Wind (G61)**
A trained spotter estimated a thunderstorm wind gust of around 70 mph.									
Saline County									
Dorchester	**04**	**0100CST**			**0**	**0**			**Urban/Sml Stream Fld**
		0230CST							
Rainfall of 2.4 inches in 1 hour caused some street and small stream flooding around Dorchester.									
NEZ078	**Saline**								
	05	**0422CST**			**0**	**0**			**Flood**
	07	**1600CST**							
Three to 4 inches of rain fell across the Big Blue River basin over July 4th and 5th. This rainfall eventually made it into the middle part of the Big Blue River, causing the river to go above flood stage at Crete at 1000 pm CST on 7/5/00. The river at Crete crested at 20.93 feet at 1100 pm CST on 7/6/00, and it did not fall below its 18 foot flood stage until 400 pm CST on 7/7/00. At Dorchester, the West Fork of the Big Blue River was above its 15 foot flood stage from 422 am CST 7/5/00 through 238 pm CST on 7/6/00. The river at Dorchester crested at 17.6 feet at 425 pm CST 7/5/00. The flooding on the West Fork and the main stem of the Big Blue River affected mainly just agricultural lowlands.								
Stanton County									
10 NW Stanton	**05**	**1000CST**			**0**	**0**			**Flash Flood**
		1400CST							
Rainfall over 3 inches caused flash flooding across highway 275 northwest of Stanton.									
Boone County									
Albion	**05**	**1015CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Thunderstorm winds uprooted or damaged numerous trees in the Albion area.									
Platte County									
Lindsay	**05**	**1100CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Thunderstorm wind gust estimated by a cooperative observer to be around 70 mph broke 8 inch diameter tree limbs off.									
Madison County									
Madison	**05**	**1115CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Thunderstorm wind gusts, estimated at nearly 70 mph by several people, downed numerous large branches in Madison.									
Madison County									
Norfolk	**05**	**1130CST**			**0**	**0**			**Flash Flood**
		1330CST							
Heavy rain, 2 to 3 inches in 45 minutes and 3 to 6 inches in a little over 1 hour, caused flash flooding in the Norfolk area. Many streets were flooded in town.									
Madison County									
Newman Grove	**05**	**1138CST**			**0**	**0**			**Flash Flood**
		1338CST							
Three inches of rain fell in 50 minutes in the Newman Grove area. This caused water to overflow onto highway 45 near town.									
Boone County									
3 N Petersburg to	**05**	**1145CST**			**0**	**0**			**Flash Flood**
11 E Petersburg		**1350CST**							
Heavy rain caused a lot of lowland flooding around the Petersburg area. Many roads were flooded, including highway 32 east of town.									
Saunders County									
Cedar Bluffs	**05**	**1200CST**			**0**	**0**	**20K**	**52K**	**Thunderstorm Wind (G65)**
Thunderstorm wind gusts uprooted trees, overturned a center pivot and blew a garage down in the Cedar Bluffs area. The Farm Service Agency estimated 20 to 80 percent damage to around 480 acres of crop land near Cedar Bluffs.									
Dodge County									
Fremont	**05**	**1215CST**			**0**	**0**			**Hail (1.75)**
The large hail was accompanied by 60 mph winds which knocked large tree limbs down.									
Douglas County									
Omaha	**05**	**1224CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		1241CST							
Thunderstorm wind gusts of nearly 60 mph were reported by an off duty NWS employee and a ham radio operator 15 miles and 10 miles southwest, respectively, of Eppley airfield. The strong winds downed some power lines and broke some tree branches.									
Douglas County									
2 S Elkhorn	**05**	**1240CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Several trees were uprooted and snapped in half by thunderstorm wind gusts.									
Douglas County									
Omaha	**05**	**1240CST**			**0**	**0**			**Hail (1.75)**
Hail 1.75 inches in diameter was reported at 90th and Maple Street and 1 inch hail was reported at 144th and West Maple Road.									
Dodge County									
Fremont	**05**	**2237CST**			**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
NEBRASKA, East									
Antelope County									
Neligh	**05**	**2258CST**			**0**	**0**			**Hail (0.75)**
Dodge County									
Fremont	**05**	**2310CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Emergency management reported that thunderstorm wind gusts around 60 mph did some tree damage in Fremont.									
Dodge County									
Fremont to	**05**	**2310CST**			**0**	**0**			**Flash Flood**
North Bend	**06**	**0230CST**							
Heavy rainfall of 4 to 6 inches caused extensive street flooding from North Bend to the Fremont area.									
Antelope County									
Neligh	**05**	**2315CST**			**0**	**0**			**Hail (0.75)**
Another report of 3/4 inch hail in Neligh.									
Colfax County									
13 NE Schuyler	**05**	**2315CST**			**0**	**0**			**Flash Flood**
	06	**0130CST**							
Rainfall of 3.5 to 4 inches caused flash flooding of roads northeast of Schuyler.									
Dodge County									
7 S Dodge	**05**	**2351CST**			**0**	**0**			**Hail (1.00)**
Madison County									
5 W Madison	**06**	**0015CST**			**0**	**0**			**Flash Flood**
		0025CST							
Heavy rain caused a brief 10 minute flood of highway 32.									
Antelope County									
2 S Oakdale	**06**	**0022CST**			**0**	**0**			**Flash Flood**
		0300CST							
Flash flooding due to heavy rain brought a 20 to 30 foot wide river of water across a road south of Oakdale.									
Douglas County									
Omaha	**06**	**0030CST**			**0**	**0**	**5K**		**Lightning**
Lightning damaged several houses in the Omaha area and also caused a brief power outage for around 1100 customers.									
Burt County									
Oakland	**06**	**0200CST**			**0**	**0**	**20K**		**Lightning**
A lightning strike started a fire in the basement of a house causing considerable damage to the basement and main floor. Smoke damage was observed over the rest of the house.									
Burt County									
Oakland	**06**	**0225CST**			**0**	**0**	**30K**		**Lightning**
A lightning strike caused a considerable amount of damage to a house in Oakland.									
Madison County									
Newman Grove	**06**	**0230CST**			**0**	**0**			**Flash Flood**
		0530CST							
Heavy rain caused flash flooding along Shell Creek which came out of its banks.									
Douglas County									
Elkhorn	**06**	**0325CST**			**0**	**0**	**150K**		**Lightning**
A lightning strike and resultant fire caused 150 thousand dollars worth of damage to an Elkhorn church.									
Madison County									
4 E Madison	**06**	**0400CST**			**0**	**0**			**Flash Flood**
		1100CST							
Heavy rain fell during the afternoon of July 5 and again that night with rainfall estimated by radar to be in the 4 to 6 inch range. This heavy rainfall caused Taylor Creek east of Madison to flood which closed highway 32. Other than the highway, flooding was mainly confined to agricultural lowlands.									
NEZ043>044	**Colfax - Dodge**								
	06	**0430CST**			**0**	**0**			**Flood**
		2330CST							
Four to 5 inches of rain fell on the Maple Creek basin during storms the afternoon of July 5 and again that night. The heavy rain caused Maple Creek to flood around Howells downstream to near Nickerson. At Nickerson the crest reached 15 feet at 1230 pm cst July 6. Flood stage is 10 feet. The creek dropped below flood stage around midnight. Flooding was confined to mainly agricultural lowlands, but a county road near Nickerson was under water for a while.									
Platte County									
2 W Lindsay	**06**	**0800CST**			**0**	**0**			**Urban/Sml Stream Fld**
		1200CST							
Heavy rainfall caused minor lowland flooding around Lindsay. Some of the flood waters briefly flowed onto highway 91 west of Lindsay, however the highway remained opened.									
NEZ088	**Jefferson**								
	06	**1100CST**			**0**	**0**			**Flood**
	08	**1130CST**							

Storm Data and Unusual Weather Phenomena

July 2000

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

NEBRASKA, East

Three to four inches of rain fell across parts of the Little Blue River basin from July 4th through the 5th. This included 3 inches at Fairbury. The heavy rains pushed the Little Blue River above flood stage at Fairbury from 1100 am CST on 7/6/00 until 1130 am CST on 7/8/00. Flood stage at Fairbury is 15 feet. The River Crested at 16.5 feet at 700 pm CST on 7/7/00. The flooding mainly just affected river bottomland and some Agricultural lowlands.

Cedar County

St Helena | **11** | **1925CST** | | | **0** | **0** | | | **Thunderstorm Wind (G50)**

Storm spotter estimated thunderstorm wind gusts of around 60 mph.

Madison County

Norfolk Arpt | **11** | **2025CST** | | | **0** | **0** | **20K** | | **Thunderstorm Wind (G60) M**

2039CST

A thunderstorm wind gust of 69 mph was recorded by Asos at Karl Stefan airfield in Norfolk with another gust of 64 mph recorded about 15 minutes later. The winds blew out the north wall of a hanger and caused damage to 2 aircraft inside.

Cedar County

5 NE Laurel | **11** | **2025CST** | | | **0** | **0** | | | **Hail (0.88)**

The hail also damaged some crops a little farther to the south.

Stanton County

Stanton | **11** | **2045CST** | | | **0** | **0** | | | **Thunderstorm Wind (G57) M**

Thunderstorm wind gusts of 66 mph were measured by the Emergency Manager in Stanton. These winds caused trees and signs to be downed on highway 24 near Stanton.

Wayne County

Wakefield | **11** | **2100CST** | | | **0** | **0** | | | **Thunderstorm Wind (G50)**

Thunderstorm wind gusts around 60 mph caused considerable tree damage to a golf course near Wakefield. A few large trees were snapped in half and numerous large limbs were downed.

Thurston County

Pender | **11** | **2130CST** | | | **0** | **0** | | | **Thunderstorm Wind (G50)**

Thunderstorm wind gusts broke off some 10 inch diameter tree branches.

Lancaster County

Lincoln | **11** | **2349CST** | | | **0** | **0** | | | **Thunderstorm Wind (G50)**

Thunderstorm wind gust estimated around 60 mph at 40th and Cornhusker in Lincoln.

Lancaster County

Bennet to | **11** | **2358CST** | | | **0** | **0** | **20K** | | **Thunderstorm Wind (G60)**

Firth | **12** | **0010CST**

Thunderstorm wind gusts estimated at 70 mph caused considerable tree damage from around Bennet to Firth. Although most of the tree damage was done in the Bennet area from around 134th to 162nd streets...a grain silo was toppled in Firth.

Lancaster County

Roca | **20** | **0050CST** | | | **0** | **0** | | | **Hail (0.88)**

Reported by cooperative observer.

Lancaster County

Firth | **20** | **0105CST** | | | **0** | **0** | **2M** | **1M** | **Hail (2.75)**

0120CST

A very destructive hailstorm was centered on Firth Nebraska. The path of destruction was 6 to 8 miles wide and 20 to 30 miles long beginning near Sprague in Lancaster county and continuing to near Sterling in extreme northwest Johnson county. In Firth, hail up to the size of baseballs was driven by 50 mph winds. 148 out of 200 houses and businesses in town were heavily damaged with almost every north facing window broken out. Siding damage was also extensive. In Lancaster county, crop losses included around 20 percent of 10 thousand acres of corn, 30 percent of 6 thousand acres of soybeans and 10 percent of 2 thousand acres of sorghum. From southern Lancaster county into extreme northern Gage and northwest Johnson counties a total of 34 thousand acres of corn, 36 thousand acres of soybeans and 14 thousand acres of sorghum were heavily damaged. The Farm Service Agency estimated that the damaged fields in Gage county amounted to 36 thousand acres with losses around 65 percent for corn and soybeans and 45 percent for sorghum.

Gage County

3 N Adams | **20** | **0110CST** | | | **0** | **0** | | | **Hail (2.75)**

0125CST

See narrative above.

Johnson County

2 NW Sterling | **20** | **0110CST** | | | **0** | **0** | | | **Hail (0.75)**

0125CST

See narrative above.

Johnson County

Crab Orchard | **20** | **0110CST** | | | **0** | **0** | **20K** | **500K** | **Thunderstorm Wind (G65)**

0120CST

Storm Data and Unusual Weather Phenomena

July 2000

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
NEBRASKA, East									
		Winds in excess of 70 mph tore the shingles off roofs and downed numerous tree limbs and power lines closing roads around Crab Orchard. Two grain bins were blown off their foundation and 2 vehicles were damaged when trees were toppled onto them. The wind was accompanied by small hail which accumulated up to 2 inches deep and many corn and soybean fields received extensive damage. The Johnson County Farm Service Agency reported that approximately 32,000 acres of row crop were affected by the storm.							
Gage County									
(Bie)Beatrice Arpt	**20**	**0111CST**			**0**	**0**			**Thunderstorm Wind (G50) M**
		Thunderstorm wind gust of 58 mph recorded by Asos at the Beatrice Airport.							
Gage County									
Filley	**20**	**0115CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G50)**
		Thunderstorm winds destroyed a barn near Filley.							
Gage County									
Beatrice	**20**	**0130CST**			**0**	**0**			**Hail (0.75)**
Pawnee County									
Burchard to Steinauer	**20**	**0155CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm wind gusts estimated at 60 mph downed 6 inch tree limbs causing a few broken windows from Burchard to Steinauer.							
Pawnee County									
4 NW Table Rock	**20**	**0200CST**			**0**	**0**			**Hail (0.75)**
Boone County									
7 W Loretto	**22**	**1530CST**			**0**	**0**			**Hail (1.00)**
		A cooperative observer west of Loretto reported that hail up to 1 inch in diameter covered the ground.							
Nemaha County									
Julian	**25**	**0235CST**			**0**	**0**			**Hail (1.00)**
		Reported by a storm spotter.							
Nemaha County									
Brownville	**25**	**0314CST**			**0**	**0**			**Hail (0.75)**
Jefferson County									
3 SW Gladstone	**26**	**1745CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G55)**
		A thunderstorm wind gust estimated at over 60 mph destroyed a calf barn by throwing it's roof onto a nearby heifer barn and knocking down it's walls. Fortunately no cattle were injured.							
Cass County									
Plattsmouth	**26**	**1848CST**			**0**	**0**			**Hail (0.75)**
Otoe County									
Dunbar	**26**	**1945CST**			**0**	**0**			**Hail (1.00)**
Cass County									
Plattsmouth	**26**	**1945CST**			**0**	**0**			**Thunderstorm Wind (G70)**
		Thunderstorm winds estimated at around 80 mph downed tree limbs as large as 18 inches in diameter.							
Nemaha County									
Nemaha	**26**	**1955CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Thunderstorm winds gusts of 60 mph were estimated in Nemaha.							
Cass County									
Avoca	**26**	**1958CST**			**0**	**0**			**Hail (1.00)**
Otoe County									
Dunbar	**26**	**2005CST**			**0**	**0**			**Hail (1.00)**
		Another one inch hail report from Dunbar.							
Nemaha County									
2 N Johnson	**26**	**2040CST**			**0**	**0**			**Hail (1.75)**
Jefferson County									
3 NNE Reynolds	**27**	**1745CST**			**0**	**0**			**Hail (0.75)**
Jefferson County									
11 W Fairbury	**27**	**1745CST**			**0**	**0**			**Thunderstorm Wind (G50)**
		Large tree limbs were downed on highway 136 near the county line.							
Jefferson County									
3 W Gladstone	**27**	**1745CST**			**0**	**0**			**Hail (1.00)**
Jefferson County									
1 S Fairbury	**27**	**1753CST**			**0**	**0**			**Hail (1.75)**
NEBRASKA, Extreme Northeast									
Dixon County									
Newcastle	**11**	**2000CST**			**0**	**0**			**Hail (1.00)**
Dixon County									
Newcastle	**11**	**2000CST**			**0**	**0**			**Thunderstorm Wind (G52)**

Storm Data and Unusual Weather Phenomena

July 2000

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
NEBRASKA, Extreme Northeast									
Dixon County									
Emerson	**11**	**2055CST**			**0**	**0**	**100K**		**Thunderstorm Wind (G57)**
		2115CST							
Thunderstorm winds caused tree damage, including numerous large branches down.									
Dakota County									
2 E Emerson	**11**	**2105CST**			**0**	**0**			**Thunderstorm Wind (G57)**
Thunderstorm winds caused tree damage, including numerous large branches down.									
NEBRASKA, Extreme Southwest									
NEZ079>081	**Dundy - Hitchcock - Red Willow**								
	01	**0000CST**			**0**	**0**			**Drought**
	31	**0000CST**							
Extreme drought conditions continued for most of the month. Many rivers and creeks remained dry, and watering restrictions were declared across parts of far southwest Nebraska.									
Hitchcock County									
10 SE Trenton	**03**	**1820CST**			**0**	**0**			**Hail (1.00)**
Dundy County									
3 E Max to	**05**	**1750CST**			**0**	**0**			**Hail (1.00)**
4 E Max		**1803CST**							
Hitchcock County									
5 S Stratton	**05**	**1800CST**			**0**	**0**			**Funnel Cloud**
Hitchcock County									
4 W Stratton	**05**	**1800CST**			**0**	**0**			**Hail (1.75)**
Hitchcock County									
6 SE Stratton	**05**	**1840CST**			**0**	**0**			**Hail (1.75)**
Hitchcock County									
Trenton	**05**	**1926CST**			**0**	**0**			**Hail (0.88)**
Red Willow County									
3 N Lebanon	**05**	**2115CST**			**0**	**0**			**Thunderstorm Wind (G65)**
Wind Damage reported with a light pole blown down, some high power line stands down, and 6-7 inch diameter tree limbs on ground.									
Dundy County									
21 NNE Benkelman	**10**	**1840CST**			**0**	**0**			**Hail (1.00)**
Hitchcock County									
7.5 S Stratton	**10**	**1845CST**			**0**	**0**			**Hail (1.00)**
Dundy County									
23 NNE Benkelman	**10**	**1852CST**			**0**	**0**			**Hail (1.00)**
Dundy County									
Benkelman	**10**	**1940CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Dundy County									
7 NW Parks	**19**	**1910MST**			**0**	**0**			**Hail (0.75)**
Red Willow County									
Danbury	**20**	**1523CST**			**0**	**0**			**Hail (1.00)**
Hitchcock County									
Stratton	**20**	**1742CST**			**0**	**0**			**Hail (1.00)**
Dundy County									
4 W Haigler	**21**	**1740MST**			**0**	**0**			**Hail (0.75)**
Red Willow County									
Mc Cook	**21**	**2116CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Wind damage reported in city of Mccook.									
NEBRASKA, South Central									
Valley County									
4 SW Elyria	**01**	**1000CST**			**0**	**0**	**2K**	**250K**	**Hail (1.50)**
Valley County									
Evelyn Sharp Arpt	**01**	**1012CST**			**0**	**0**	**50K**	**100K**	**Hail (1.00)**
Valley County									
3 N Elyria	**01**	**1015CST**			**0**	**0**	**2K**	**250K**	**Hail (1.75)**
A severe thunderstorm moved over northern and central Valley county and produced hail up to golf ball size.									
York County									
10 E Mc Cool Jct	**02**	**2025CST**			**0**	**0**	**0**	**100K**	**Hail (0.88)**
Fillmore County									
Exeter	**02**	**2058CST**			**0**	**0**	**0**	**50K**	**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
NEBRASKA, South Central									
Fillmore County									
4 NW Geneva	**02**	**2145CST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind (G52)**
Clay County									
Edgar	**02**	**2246CST**			**0**	**0**	**0**	**50K**	**Hail (0.75)**
Severe thunderstorms produced strong winds and hail the size of dimes.									
Phelps County									
Holdrege	**03**	**1628CST**			**0**	**0**	**10K**	**0**	**Thunderstorm Wind (G52)**
Buffalo County									
Kearney	**03**	**1640CST**			**0**	**0**	**10K**	**0**	**Thunderstorm Wind (G52)**
Buffalo County									
Kearney Arpt	**03**	**1655CST**			**0**	**0**	**10K**	**0**	**Thunderstorm Wind (G60) M**
Phelps County									
5 N Holdrege	**03**	**2040CST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind (G52)**
Phelps County									
2 N Holdrege	**03**	**2056CST**			**0**	**0**	**0**	**100K**	**Hail (0.75)**
Kearney County									
2 W Axtell	**03**	**2115CST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind (G57)**
Phelps County									
3 E Funk	**03**	**2115CST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind (G57)**
York County									
1 S Mc Cool Jct	**03**	**2210CST**			**0**	**0**	**100K**	**2M**	**Hail (1.75)**
Clay County									
3 SW Inland	**03**	**2300CST**			**0**	**0**	**250K**	**0**	**Lightning**
	04	**0300CST**							
Severe thunderstorms dumped heavy rains and hail across parts of south-central Nebraska. The most significant hail damage was in southern York county where 1.75" diameter hail damaged houses, cars, and stripped crops. Wind gusts over 60 mph were reported in the Kearney area. Firework stands were blown over and a house north of town had some siding and shingle damage. Flooding was noted in Holdrege after a torrent of rain belted the city.									
Around midnight, a fire started at a chemical supply company southeast of Hastings. The resulting fire took several hours to contain and required the teamwork of numerous fire departments. The building was full of agricultural chemicals and deemed a total loss. At the time of this publication, the investigation into the cause of the fire was still ongoing, but preliminary reports indicate lightning may have been to blame.									
Phelps County									
Countywide	**03**	**2100CST**			**0**	**0**	**150K**	**1M**	**Flash Flood**
		2300CST							
York County									
South Portion	**03**	**2245CST**			**0**	**0**	**150K**	**2M**	**Flash Flood**
	04	**0130CST**							
Franklin County									
Countywide	**04**	**0230CST**			**0**	**0**	**100K**	**1M**	**Flash Flood**
		0500CST							
NEZ075>076-084>087	**Adams - Clay - Franklin - Webster - Nuckolls - Thayer**								
	04	**0600CST**			**0**	**0**	**2.3M**	**7M**	**Flood**
	08	**1500CST**							
Heavy rains of 3 to 5 inches caused flash flooding to occur in the McCool Junction and Waco areas of York county. Other thunderstorms that trained across the upper reaches of the Little Blue River caused flash flooding in Phelps and Franklin counties during the late evening hours of the 3rd. The resulting runoff caused flooding to occur along the Little Blue River. Numerous roadways were flooded. Damage was done to several road bridges and a couple of railway bridges.									
Greeley County									
1 N Spalding	**05**	**0945CST**			**0**	**0**	**10K**	**500K**	**Thunderstorm Wind (G61)**
Harlan County									
Countywide	**18**	**0200CST**			**0**	**0**	**0**	**250K**	**Heavy Rain**
		0800CST							
NEZ075	**Adams**								
	18	**1100CST**			**0**	**0**	**0**	**500K**	**Flood**
	19	**0400CST**							
Isolated and slow moving thunderstorms dumped heavy rains on parts of Harlan and Adams counties before dawn. In southern Harlan county, several reports of 4 to 6 inches of rain were received. One resident reported the rain gauge overflowed from the heavy rain. In southern Adams county, 2 to 4 inch rains across the water-logged Little Blue River basin sent the river out of its banks on the 18th and 19th. Roads and bridges near the river in Adams county were barricaded, but no significant damage was noted.									
Sherman County									
4 W Loup City	**19**	**2223CST**			**0**	**0**	**2K**	**200K**	**Hail (1.00)**

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
NEBRASKA, South Central									
Howard County									
3 W Cotesfield	**19**	**2240CST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Greeley County									
12 N Greeley	**19**	**2305CST**			**0**	**0**	**0**	**0**	**Hail (0.88)**
Furnas County									
4 S Wilsonville	**20**	**1525CST**			**0**	**0**	**5K**	**200K**	**Hail (1.00)**
Furnas County									
Holbrook	**20**	**1615CST**			**0**	**0**	**10K**	**500K**	**Hail (1.75)**
Gosper County									
12 SE Elwood	**20**	**1655CST**	**0.1**	**10**	**0**	**0**	**0**	**0**	**Tornado (F0)**
		1656CST							
	Brief touchdown reported by sheriff								
Phelps County									
5 S Loomis	**20**	**1710CST**			**0**	**0**	**150K**	**1.5M**	**Hail (2.50)**
Phelps County									
Holdrege	**20**	**1718CST**			**0**	**0**	**400K**	**2.5M**	**Hail (2.75)**
Harlan County									
Orleans	**20**	**1737CST**			**0**	**0**	**150K**	**3.5M**	**Hail (1.75)**
Harlan County									
Alma	**20**	**1740CST**			**0**	**0**	**2K**	**250K**	**Hail (0.75)**
Phelps County									
3 S Funk	**20**	**1740CST**			**0**	**0**	**2K**	**250K**	**Hail (0.75)**
Phelps County									
3 E Holdrege	**20**	**1744CST**			**0**	**0**	**5K**	**500K**	**Hail (1.75)**
Sherman County									
Loup City	**20**	**1905CST**			**0**	**0**	**10K**	**100K**	**Hail (1.25)**
	A cluster of severe thunderstorms rumbled southeast across a portion of south-central Nebraska producing large hail and a brief tornado. The tornado was spotted by a deputy sheriff in southeast Gosper county. Large hail across the area did cause considerable property and crop damage from south of Bertrand to the Kansas state line south of Orleans. Reports of softball size hail were recorded south of Loomis with hail nearly as large in Holdrege. Automobiles, houses, and agricultural buildings all sustained damage in southwest Phelps county. As the storm moved southeast, it severely damaged about 33,000 acres of crop and pasture land in western Harlan county. The sheriff reported drifts along Highway 89 south of Orleans stretched for 8 miles, or to about the Kansas state line. The nearly 4 inch rain which followed the hail fell on top of 5 inches of rain just a few days earlier. Losses due to land erosion were estimated at $70,000. Ironically, this storm passed through just 3 weeks after another vicious hailstorm pummeled crops in western Harlan county. Both storms effectively wiped out any prospect of producing any significant corn or soybean crop in the western half of the county.								
Valley County									
5 W Ord	**21**	**1845CST**			**0**	**0**	**150K**	**2M**	**Hail (1.75)**
Valley County									
10 NE Arcadia to	**21**	**1850CST**	**2**	**30**	**0**	**0**	**40K**	**200K**	**Tornado (F0)**
8 NE Arcadia		**1853CST**							
Sherman County									
7 N Loup City	**21**	**1905CST**			**0**	**0**	**100K**	**750K**	**Hail (1.00)**
Sherman County									
Loup City	**21**	**1915CST**			**0**	**0**	**400K**	**750K**	**Thunderstorm Wind (G56)**
Buffalo County									
Ravenna	**21**	**1945CST**			**0**	**0**	**100K**	**500K**	**Hail (0.75)**
Furnas County									
5 S Wilsonville	**21**	**2155CST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
	Another in a series of hail storms pummeled parts of south-central Nebraska. This time the area hit was mainly northwest of Grand Island. Golf ball size hail was driven by 65 mph winds in an area from west of Ord to south of Loup City. As with other storms this season, crops in the path sustained considerable or complete devastation. In Loup City, the wind driven hail broke many north facing windows of homes and businesses. Several hundred thousand dollars in damage was reported. Before the storm reached Sherman county, a brief tornado was reported northeast of Arcadia in southwest Valley county. The tornado was on the ground for about 2 miles and clipped a farmstead 9 miles northeast of Arcadia just before 8 pm. One grain bin was destroyed and another moved from its foundation. The crops at this particular farm were lost as well.								
Greeley County									
3 SE Spalding	**22**	**1618CST**			**0**	**0**	**5K**	**100K**	**Hail (1.00)**
Dawson County									
8 W Eddyville	**22**	**1733CST**			**0**	**0**	**50K**	**250K**	**Hail (1.75)**

Storm Data and Unusual Weather Phenomena

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
NEBRASKA, South Central									
Dawson County									
5 E Cozad	**22**	**1801CST**			**0**	**0**	**50K**	**250K**	**Hail (1.75)**
Dawson County									
Lexington	**22**	**1807CST**			**0**	**0**	**5K**	**0**	**Hail (0.75)**
Dawson County									
7 S Darr	**22**	**1831CST**			**0**	**0**	**10K**	**0**	**Hail (1.00)**
A small area of severe thunderstorms dumped marble to golf ball size hail in parts of Greeley and Dawson counties. The area of damage was small, but one farmhouse northwest of Lexington had 7 windows broken and considerable roof damage. About 200 acres of corn were expected to have a 50 percent yield loss.									
Buffalo County									
Amherst	**24**	**2350CST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Kearney County									
Axtell	**24**	**2354CST**			**0**	**0**	**0**	**100K**	**Hail (0.88)**
Buffalo County									
Kearney	**25**	**0005CST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Phelps County									
12 NE Holdrege	**25**	**0007CST**			**0**	**0**	**20K**	**250K**	**Hail (1.75)**
Kearney County									
Axtell	**25**	**0044CST**			**0**	**0**	**0**	**100K**	**Hail (0.88)**
Franklin County									
Upland	**25**	**0122CST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
A severe thunderstorm dropped nearly straight south from north-central Nebraska around midnight and moved across Dawson, Buffalo, and Phelps counties. While reports of hail were somewhat limited, a few areas did report hail to the size of golf balls. At Funk in eastern Phelps county, there were several reports of funnel clouds around 1 am. No tornadoes were reported.									
Thayer County									
6 SE Hebron	**27**	**1656CST**			**0**	**0**	**2K**	**150K**	**Hail (1.00)**
Howard County									
Elba	**28**	**0040CST**			**0**	**0**	**2K**	**150K**	**Hail (1.00)**
Valley County									
10 NE Ord	**28**	**0045CST**			**0**	**0**	**15K**	**0**	**Thunderstorm Wind (G62)**
NEBRASKA, West									
Banner County									
12 SE Harrisburg	**05**	**1630MST**			**0**	**0**			**Hail (0.88)**
		1635MST							
Morrill County									
3 E Redington	**05**	**1636MST**	**0.1**	**30**	**0**	**0**			**Tornado (F0)**
		1640MST							
Brief tornado reported over open country.									
Banner County									
14 E Harrisburg	**05**	**1645MST**	**0.3**	**40**	**0**	**0**			**Tornado (F0)**
		1650MST							
Tornado reported over open country along the Banner-Morrill county line.									
Scotts Bluff County									
5 S Scottsbluff	**05**	**1659MST**			**0**	**0**			**Hail (0.75)**
		1703MST							
Banner County									
Harrisburg	**05**	**1700MST**			**0**	**0**			**Hail (0.75)**
		1704MST							
Scotts Bluff County									
8 S Scottsbluff	**05**	**1700MST**			**0**	**0**			**Hail (0.75)**
		1704MST							
Cheyenne County									
Potter	**05**	**1800MST**			**0**	**0**			**Thunderstorm Wind (G52)**
		1802MST							
Cheyenne County									
10 NW Sidney	**05**	**1822MST**			**0**	**0**			**Hail (1.00)**
		1825MST							
Cheyenne County									
10 SE Sidney	**05**	**1856MST**			**0**	**0**			**Hail (1.00)**
		1859MST							
Sioux County									
18 NW Harrison	**10**	**1445MST**			**0**	**0**			**Hail (2.50)**
		1515MST							
Hail covered the ground 3 inches deep.									

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
NEBRASKA, West									
Box Butte County									
Alliance	**10**	**1500MST**			**0**	**0**	**30K**		**Hail (1.50)**
		1505MST							
Box Butte County									
6 N Alliance	**10**	**1526MST**			**0**	**0**			**Hail (2.75)**
		1529MST							
Dawes County									
11 N Crawford	**10**	**1557MST**			**0**	**0**			**Hail (1.00)**
		1600MST							
Dawes County									
1 W Chadron	**10**	**1645MST**			**0**	**0**			**Thunderstorm Wind (G50)**
		1647MST							
Scotts Bluff County									
10 S Scottsbluff	**12**	**1430MST**			**0**	**0**			**Hail (0.75)**
		1434MST							
Scotts Bluff County									
2 E Scottsbluff	**12**	**1504MST**			**0**	**0**			**Hail (1.00)**
		1509MST							
Dawes County									
20 NW Chadron	**12**	**1507MST**			**0**	**0**			**Hail (0.75)**
		1514MST							
Kimball County									
5 NW Kimball	**12**	**1545MST**			**0**	**0**			**Hail (0.75)**
		1548MST							
Dawes County									
Whitney	**12**	**1554MST**			**0**	**0**			**Hail (0.75)**
		1558MST							
Dawes County									
10 S Crawford	**12**	**1600MST**			**0**	**0**			**Hail (1.75)**
		1607MST							
Kimball County									
11 S Bushnell	**12**	**1645MST**			**0**	**0**			**Hail (0.75)**
		1649MST							
Cheyenne County									
10 N Lodgepole	**15**	**1900MST**			**0**	**0**			**Hail (0.75)**
		1904MST							
Kimball County									
15 S Bushnell	**21**	**1621MST**			**0**	**0**			**Hail (0.75)**
		1625MST							
Morrill County									
3 E Broadwater	**21**	**1711MST**			**0**	**0**			**Hail (1.00)**
		1715MST							
Cheyenne County									
5 E Gurley	**21**	**1735MST**			**0**	**0**			**Thunderstorm Wind (G77) [M]**
		1737MST							
Cheyenne County									
7 SE Gurley	**21**	**1743MST**			**0**	**0**			**Hail (1.00)**
		1747MST							
NEVADA, North									
NONE REPORTED.									
NEVADA, South									
NONE REPORTED.									
NEVADA, West									
Washoe County									
Reno	**10**	**1400PST**			**0**	**0**	**1K**		**Dust Devil**
A dust devil damaged several outdoor booths during a special events celebration.									
NEW HAMPSHIRE, North and Central									
Grafton County									
Wentworth	**14**	**1145EST**			**0**	**0**			**Hail (1.00)**
A severe thunderstorm produced 1-inch hail in the town of Wentworth.									
Carroll County									
Moultonboro	**18**	**1140EST**			**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
NEW HAMPSHIRE, North and Central									
Carroll County									
Moultonboro	**18**	**1150EST**			**0**	**0**			**Hail (0.75)**
Rockingham County									
Raymond	**18**	**1255EST**			**0**	**0**			**Hail (1.75)**
Carroll County									
Ossipee	**18**	**1505EST**			**0**	**0**			**Tstm Wind/Hail**
Severe thunderstorms moved through southern and southeastern New Hampshire and produced severe winds and/or large hail in several locations. In Ossipee, strong winds damaged a section of town near the intersection of Routes 16 and 25, downing trees and snapping a large billboard; 1 inch hail was also reported in the town. Nearly 3000 customers lost electrical service statewide.									
Belknap County									
Laconia	**18**	**1200EST**			**0**	**0**	**5K**		**Lightning**
Lightning caused a power surge that damaged the electronic scales at the Laconia transfer station resulting in about $5000. in damages.									
Belknap County									
Belmont	**18**	**1225EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Severe thunderstorm winds knocked over trees in the town Belmont. One of the trees landed on two vehicles.									
Strafford County									
Rochester	**18**	**1300EST**			**0**	**0**	**15K**		**Lightning**
Two boats were damaged by a large section of tree that had fallen after being struck by lightning.									
Rockingham County									
Rye	**18**	**1400EST**			**0**	**2**			**Lightning**
Lightning struck and injured two individuals who were standing next to a building. Both were taken to a nearby hospital for treatment. In a separate incident, lightning caused minor damage to the basement of a home. The lightning apparently struck a nearby tree, then traveled through the ground to the basement of the home.									
Belknap County									
Gilford	**29**	**1645EST**			**0**	**2**			**Lightning**
Three people were struck by lightning inside nearby homes on the shores of Lake Winnipesaukee. Two of the victims were transported to a local hospital. One of the victims was standing by the sink while another was changing the channel on his television. The third victim was struck in the forehead.									
NEW HAMPSHIRE, Southern									
Cheshire County									
Rindge	**18**	**1200EST**			**0**	**0**			**Hail (1.00)**
Hillsborough County									
New Ipswich	**18**	**1220EST**			**0**	**0**			**Hail (0.75)**
Hillsborough County									
Nashua	**18**	**1302EST**			**0**	**0**			**Hail (0.75)**
Severe thunderstorms ahead of a cold front produced quarter size hail in Rindge, and dime size hail in New Ipswich and Nashua.									
NEW JERSEY, Northeast									
Hudson County									
Countywide	**15**	**0330EST**			**0**	**0**			**Heavy Rain**
		1530EST							
Bergen County									
Mahwah to	**15**	**0400EST**			**0**	**0**			**Heavy Rain**
North Arlington		**1700EST**							
Essex County									
Countywide	**15**	**0400EST**			**0**	**0**			**Heavy Rain**
		1600EST							
Passaic County									
Countywide	**15**	**0500EST**			**0**	**0**			**Heavy Rain**
		1800EST							

Bands of heavy rain, oriented from southeast to northwest, developed across the region. Heavy rainfall caused some flooding of low-lying and poor drainge areas, especially along streets in Northern Passaic, Western Bergen, and Essex Counties.

Rainfall amounts ranged from 2 1/2 to around 5 inches. Here are selected rainfall amounts for:

Passaic County: 4.73 inches at Greenwood Lake, 4.23 inches at Wanaque Reservoir, and 3.00 inches at Ringwood.

Bergen County: 4.10 inches at Ramsey, 3.10 inches at Midland Park, and 2.84 inches at Woodcliff Lake. (At Teterboro Airport, 2.29 inches was measured.)

Essex County: 4.10 inches at West Caldwell. (At Newark Airport, 1.43 inches was measured.)

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

NEW JERSEY, Northeast

Hudson County: 2.49 inches at Harrison.

Although most rainfall amounts were less than 2 inches across Union County, 2.36 inches of rain was measured in Elizabeth.

Essex County									
Countywide	**26**	**0700EST 1900EST**			**0**	**0**			**Heavy Rain**
Hudson County									
Countywide	**26**	**0700EST 1900EST**			**0**	**0**			**Heavy Rain**
Union County									
Countywide	**26**	**0700EST 1900EST**			**0**	**0**			**Heavy Rain**
Bergen County									
Countywide	**26**	**0800EST 2000EST**			**0**	**0**			**Heavy Rain**
Passaic County									
Countywide	**26**	**0800EST 2000EST**			**0**	**0**			**Heavy Rain**

As a low pressure system moved north along the Mid-Atlantic Coast, periods of heavy rain occurred across the region. Rain developed between 1 am and 2 am EDT on July 26th, spread rapidly north and ended around 9 am on July 27th. The heaviest rain occurred from around 8 am to 8 pm on the 26th. Rainfall amounts ranged from around 2 to around 4 inches.

Here are selected rainfall amounts for:

Passaic County: from 1.99 inches at the Wanaque Reservoir to 3.25 inches at Little Falls.

Bergen County: from 2.62 inches at Teterboro Airport to 3.46 inches at Midland Park.

Essex: 3.17 inches was measured at Newark Airport.

Hudson County: from 3.19 inches at Kearny to 4.07 inches at Harrison.

Union County: from 2.65 inches at Canoe Brook to 3.38 inches at Cranford.

Bergen County									
Franklin Lakes to Hohokus	**30**	**0700EST 1000EST**			**0**	**0**			**Heavy Rain**

Heavy rain occurred from Franklin Lakes east across Northern Bergen County to Hohokus. Rainfall amounts generally ranged from 2 to 3 inches in about a 3 hour period ending 11 am EDT.

Here are selected amounts for Northern Bergen County: 2.72 inches at Midland Park, 2.42 inches at Franklin Lakes, and 2.21 inches at Hohokus. Some heavy rain also occurred across Central Passaic County, where rainfall amounts were generally less than 2 inches.

NEW JERSEY, South and Northwest

Ocean County									
Island Beach	**01**	**1700EST**			**1**	**1**	**0**	**0**	**Rip Currents**
	02	**1700EST**							

A 47-year-old man drowned while trying to rescue two girls from a riptide at Island Beach State Park on July 1st. This was part of the state park that does not have lifeguards on duty. A 7-year-old and a 8-year-old were caught in a riptide. Two men jumped into the water to rescue them. One of them became caught in the same riptide and passed the girl to a third man who also jumped into the ocean to help rescue the girls. That man drowned before he could be rescued. Another man became stuck in another riptide on July 2nd about 500 yards farther south. Another man reached him and kept afloat with a boogie board until the Coast Guard and lifeguards rescued them. M47IW

Camden County									
Lindenwold	**16**	**1348EST**			**0**	**0**			**Thunderstorm Wind (G50)**

A severe thunderstorm tore down large limbs in Lindenwold. There were also numerous reports of pea to marble size hail throughout the county. The marble size hail briefly covered the ground in Voorhees.

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
NEW JERSEY, South and Northwest									
Gloucester County									
Glassboro	**16**	**1400EST**			**0**	**0**		**0**	**Lightning**
Gloucester County									
Glassboro	**16**	**1405EST**			**0**	**0**			**Hail (1.00)**
Gloucester County									
Woodbury	**16**	**1430EST**			**0**	**0**			**Thunderstorm Wind (G50)**

A pair of severe thunderstorms dropped hail across the northwest part of the county. Quarter size hail fell in Glassboro with pea to marble size hail reported elsewhere. Lightning from the same thunderstorm ignited a house fire on Williamstown Road in Glassboro. The second severe thunderstorm pulled down wires in Woodbury.

Morris County									
East Hanover	**16**	**1630EST**			**0**	**0**	**25K**	**0**	**Lightning**

A lightning bolt struck the chimney of a house in East Hanover Township. It tore some of the siding from the house and started a fire that extensively damaged an upstairs bedroom.

Warren County									
West Central Portion	**16**	**1645EST** **1845EST**			**0**	**0**			**Flash Flood**

Thunderstorms with torrential downpours dropped about three inches of rain within an hour across west central Warren County and adjacent parts of Northampton County. This caused poor drainage flooding as well flooding along some of the flashier small streams in the area. Storm totals included 2.40 inches in Belvidere. No serious injuries were reported.

Cape May County									
Countywide	**26**	**0400EST** **1200EST**			**0**	**0**			**Heavy Rain**
Atlantic County									
Countywide	**26**	**0600EST** **1400EST**			**0**	**0**			**Heavy Rain**
Burlington County									
Batsto to Chatsworth	**26**	**0600EST** **1400EST**			**0**	**0**			**Heavy Rain**
Middlesex County									
Countywide	**26**	**0800EST** **1400EST**			**0**	**0**			**Heavy Rain**
Somerset County									
Countywide	**26**	**0800EST** **1400EST**			**0**	**0**			**Heavy Rain**
Morris County									
Countywide	**26**	**0900EST** **1500EST**			**0**	**0**			**Heavy Rain**
Ocean County									
East Portion	**26**	**1000EST**			**0**	**0**			**Flash Flood**
Monmouth County									
East Portion	**26**	**1100EST**			**0**	**0**			**Flash Flood**

A slow moving low pressure system moved through New Jersey on the 26th. Showers and thunderstorms preceding and accompanying the low's frontal boundary spread across the state from the early morning onward. The heaviest rain fell along the immediate shore. While heavy rain fell across Atlantic and Cape May Counties, during the morning of the 26th, it coincided with the outgoing tide. This was not the case farther north in Ocean and Monmouth Counties where the heaviest rain fell around Noon EDT. Not only was the rain even heavier, but the incoming high tide prevented the runoff from occurring as efficiently. This led not only to widespread urban and poor drainage flooding, but also flooding of some of the rivers, lakes and streams that discharge into the Atlantic Ocean. Dozens of cars succumbed to the rising flood waters. Some roadways were not reopened until the 27th. The opening day of the Monmouth County Fair was postponed. Horse racing was also canceled at Monmouth Park. No serious injuries were reported.

In Ocean County, the heavy rain led to the closure of the causeway leading to the J. Stanley Tunney Bridge. Large parts of New Jersey State Route 35 were closed. The worst flooding occurred in Seaside Heights, Seaside Park, Lavallette, Bay Head, Point Pleasant and Point Pleasant Beach and most of the flooding occurred near Barnegat Bay. In Point Pleasant alone, nine streets were closed. Farther south, the heavy rain led to flooding near the bay in Beach Haven and Beach Haven Crest. Flood problems also occurred on the mainland. In Brick Township, two roads were closed and there was a voluntary evacuation of Laurelton Village. The rising Toms River flooded the beach and the waters reached behind the pine trees in South Toms River.

In Monmouth County, Sea Bright and Monmouth Beach were hit the hardest with widespread flooding and road closures. Roadways in Belmar and Oceanport had about a foot of water on them. Roads in Bradley Beach and Ocean Grove were flooded because of overflow from Fletcher Lake. Road closures also occurred in Long Branch and Ocean Township.

Farther west in the state, heavy rain also fell, but flooding was mainly confined to poor drainage locations. Storm totals included 6.05 inches in Neptune (Monmouth County), 6.00 inches in Oakhurst (Monmouth County), 4.20 inches in Wildwood (Cape May County),

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

NEW JERSEY, South and Northwest

3.83 inches in Manasquan (Monmouth County), 3.82 inches in Sandy Hook (Monmouth County), 3.53 inches in Red Bank (Monmouth County), 3.44 inches in Absecon (Atlantic County), 3.33 inches in Belmar (Monmouth County), 3.29 inches in Toms River (Ocean County) and Atlantic City International Airport, 3.11 inches in New Brunswick (Middlesex County), 3.03 inches in Estell Manor (Atlantic County), 2.89 inches in Chatham (Morris County), 2.70 inches in Iselin (Middlesex County), 2.67 inches in Margate (Atlantic County), 2.55 inches in New Brunswick (Middlesex County), 2.52 inches in Belle Mead (Somerset County), 2.43 inches at the Marina within Atlantic City and 2.22 inches in Freehold (Monmouth County).

Gloucester County

Southeast Portion — **30** — **1700EST** — **1900EST** — **0** — **0** — **Flash Flood**

A nearly stationary thunderstorm with torrential downpours dropped around 3 inches of rain in extreme southeastern Gloucester County within an hour around 6 p.m EDT. This led to poor drainage flooding as well as stream flooding in the county. No serious injuries were reported.

Monmouth County

Northwest Portion — **30** — **1700EST** — **1900EST** — **0** — **0** — **Flash Flood**

A nearly stationary thunderstorm with torrential downpours dropped around 3 inches of rain in parts of northwestern Monmouth County within an hour around 6 p.m EDT. This led to poor drainage flooding as well as stream flooding in the county. The Pine Brook exceeded its banks in Manalapan Township and street flooding was reported in Marlboro Township. No serious injuries were reported.

Warren County

East Central Portion — **31** — **1430EST** — **1630EST** — **0** — **0** — **Flash Flood**

Thunderstorms with very heavy rain caused the flooding of streams in and around Hackettstown. Poor drainage and basement flooding were also reported within Hackettstown. Three to four inches of rain fell in that part of Warren County between 2 p.m. and 4 p.m. EDT. Storm totals included 3.45 inches in Hackettstown. No serious injuries were 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**

31 — **2359EST** — **0** — **0** — **Unseasonably Cool**

July 2000 was one of the coolest Julys on record for the state of New Jersey. Based upon the preliminary report, the statewide monthly mean temperature of 71.1 degrees was the second coolest on record only surpassed by the statewide 70.6 degree mean temperature in 1895, the first year of statewide records. At the Atlantic City International Airport, the monthly mean temperature of 71.7 degrees was 3.0 degrees below normal and the coolest ever on record. July 2000, for most of the state was also wetter than normal, particularly across the far northern and coastal counties. In the 16 counties served by the Mount Holly National Weather Service office county weighted monthly precipitation totals ranged from 3.9 inches in Camden County to 6.9 inches in Cape May County. Normal monthly precipitation is around 4 inches. At the Atlantic City International Airport, the monthly precipitation total of 7.88 inches was the fourth wettest on record.

NEW MEXICO, Central and North

NMZ001>021-026 — **Northwest Plateau - Northwest Mountains Including Jemez - Upper Rio Grande Valley - Sangre De Cristo Mountains - Northeast Highlands - Harding - Far Northeast Plains - Westcentral Mountains - Middle Rio Grande Valley - Sandia/Manzano Mountains - Central High Plains/Estancia Valley County - Conchas Lake/Guadalupe - Quay - Southwest Mountains/Upper Gila Region - Lower Rio Grande Valley - Lincoln County High Plains/Hondo Valley - Capitan/Northern Sacramento Mountains - De Baca - Chaves County Plains - Roosevelt - Curry - Guadalupe Mountains Of Chaves County**

01 — **0000MST** — **0** — **0** — **Drought**

31 — **2359MST**

Unusually warm and dry conditions persisted throughout the month prolonging the high fire danger and depleting reservoir levels as water districts drew heavily to meet irrigation demand. The early part of the summer thunderstorm season was dominated by dry lightning which sparked numerous new forest fires. However, humidity was high enough to prevent rapid spread of these fires and most were contained to less than several hundred acres in size. Heavy rain storms appeared only for a few days at mid and late month. Several flash floods were reported as moderate rains developed over the Viveash and Cerro Grande burned areas, but fortunately these locations avoid the typically heavier summer rains that would have produced major flash floods below the burned forests.

Chaves County

Dunken — **01** — **1252MST** — **0** — **0** — **Thunderstorm Wind (G50)**

High winds and heavy rain stripping leaves and limbs from trees in Dunken.

Chaves County

Hagerman — **01** — **1300MST** — **1345MST** — **0** — **0** — **Flash Flood**

Roads were closed by flash flooding in Hagerman and nearby rural areas.

Mora County

Wagon Mound — **02** — **1320MST** — **0** — **0** — **Hail (0.75)**

Harding County

Roy — **02** — **1657MST** — **0** — **0** — **Flash Flood**

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
NEW MEXICO, Central and North									
State Road 120 was flooded after 2 inches of rain fell in 30 minutes near Roy.									
Quay County									
San Jon	**03**	**1312MST**			**0**	**0**			**Funnel Cloud**
Quay County									
San Jon	**03**	**1320MST**			**0**	**0**			**Hail (1.00)**
Heavy rain, large hail and several funnel clouds were reported from San Jon.									
Curry County									
Ranchvale	**03**	**1510MST** **1515MST**			**0**	**0**			**Hail (0.75)**
Roosevelt County									
Elida	**03**	**1630MST**	**0.1**	**30**	**0**	**0**			**Tornado (F0)**
Brief tornado and other funnel clouds reported over open range near Elida.									
Curry County									
Clovis	**03**	**1645MST** **1800MST**			**0**	**0**			**Flash Flood**
Numerous roads were flooded and cars stalled by heavy rain in Clovis and west to St. Vrain.									
Guadalupe County									
Anton Chico	**12**	**1730MST** **1800MST**			**0**	**0**			**Flash Flood**
Heavy rain caused the Pecos River flow to swell from 25 CFS to over 3500 CFS in less than 30 minutes.									
Los Alamos County									
Los Alamos	**16**	**1215MST** **1300MST**			**0**	**0**			**Flash Flood**
Rio Arriba County									
Santa Clara Pueblo	**16**	**1240MST** **1400MST**			**0**	**0**			**Flash Flood**
Santa Fe County									
San Ildefonso Pueblo	**16**	**1330MST** **1430MST**			**0**	**0**			**Flash Flood**
Heavy rain over sections of the Cerro Grande burned area produced heavy mud and debris flow that swept through Garcia Canyon passing from Los Alamos County east into Rio Arriba County and reaching to the Rio Grande River in Santa Fe County.									
Mora County									
Mora	**17**	**1230MST**			**0**	**0**			**Hail (0.88)**
Colfax County									
Raton to Springer	**17**	**1410MST** **1440MST**			**0**	**0**			**Hail (1.25)**
Union County									
10 SE Des Moines	**17**	**1600MST**			**0**	**0**			**Hail (0.88)**
Union County									
15 SW Clayton	**17**	**1645MST**			**0**	**0**			**Hail (1.00)**
Union County									
Moses	**17**	**1655MST**			**0**	**0**			**Hail (1.50)**
A strong storm produced a swath of large hail from Raton to Springer and then eastward into Union County.									
Quay County									
1 NW Glenrio	**17**	**1640MST**			**0**	**0**			**Hail (1.00)**
NMZ002	**Northwest Mountains Including Jemez**								
	20	**1430MST**			**0**	**0**	**30K**		**High Wind**
A large dust devil near the community of La Mesilla south of Espanola ripped off a carport covering which landed on a nearby house. Trampolines and other yard furniture were also tossed into nearby fields.									
Colfax County									
1 N Cimarron to Cimarron	**21**	**1755MST** **1805MST**			**0**	**0**			**Hail (2.00)**
Cimarron was pounded with hail of 1 to 2 inches in diameter.									
Rio Arriba County									
La Villita to Chimayo	**26**	**1430MST** **1830MST**			**0**	**0**	**50K**		**Thunderstorm Wind (G55)**
Rio Arriba County									
Alcalde to Chamita	**27**	**1415MST** **1545MST**			**0**	**0**	**50K**		**Thunderstorm Wind (G55)**
Far southeast Rio Arriba County suffered widespread power outages and other minor property damage as thunderstorm winds downed trees and power lines on two consecutive afternoons.									
Union County									
10 NE Folsom	**28**	**1648MST**			**0**	**0**			**Hail (0.88)**

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
NEW MEXICO, Central and North									
Torrance County									
Moriarty	**29**	**1415MST**			**0**	**0**			**Hail (1.50)**
		1430MST							
Torrance County									
1 E Moriarty	**29**	**1415MST**			**0**	**0**			**Tstm Wind/Hail**
Torrance County									
Moriarty	**29**	**1420MST**			**0**	**0**			**Thunderstorm Wind (G51)**
		1440MST							
A strong thunderstorm over Moriarty blew down several trees, overturned at least 1 mobile home and flipped over a small airplane with winds of 55 to 60 mph. The storm also produced copious amounts of hail most of which was about 1/2 inch in diameter but reached 6 inches deep at some locations. Isolated large stones of 1.5 inches in diameter were also reported. Hail was so bad and caused so many auto wrecks on Interstate 40 just east of town that the State Police was forced to close the highway for several hours.									
Bernalillo County									
Albuquerque	**29**	**1505MST**			**0**	**0**			**Hail (1.00)**
Bernalillo County									
Albuquerque	**29**	**1517MST**			**0**	**0**			**Hail (0.75)**
Spotters reported hail across eastern Albuquerque including the neighborhoods of the Sandia foothills.									
Socorro County									
3 N San Acacia	**29**	**1550MST**			**0**	**0**			**Hail (1.00)**
		1600MST							
Socorro County									
Lemitar	**29**	**1645MST**			**0**	**0**			**Hail (0.75)**
Cibola County									
Acomita	**29**	**1645MST**			**0**	**0**			**Hail (1.00)**
Santa Fe County									
Santa Fe	**29**	**1820MST**			**0**	**0**			**Tstm Wind/Hail**
		1830MST							
A strong thunderstorm produced copious small hail and gusty winds of near 55 mph which downed several small trees near Santa Fe.									
Bernalillo County									
5 NE Albuquerque Intl	**29**	**1938MST**			**0**	**0**			**Thunderstorm Wind (G51)** [M]
NMZ001	**Northwest Plateau**								
	30	**1600MST**			**0**	**0**	**30K**		**Dust Storm**
A mobile home was overturned during a dust storm southwest of Shiprock that lasted about an hour.									
NEW MEXICO, South Central and Southwest									
Grant County									
San Lorenzo	**01**	**1615MST**			**0**	**0**	**50K**		**Flash Flood**
		1800MST							
A slow moving cluster of thunderstorms dropped very heavy rain around San Lorenzo, which resulted in the Mimbres River flooding its banks and submerging Highway 152. The highway was closed, with the water level rising 15 feet above normal to cover a bridge. Some homes in San Lorenzo experienced water damage.									
NEW MEXICO, Southeast									
NONE REPORTED.									
NEW YORK, Central									
NYZ009-015>018-022>025-036>037-044>046-055>057-062	**Northern Onedia - Yates - Seneca - Southern Cayuga - Onondaga - Steuben - Schuyler - Chemung - Tompkins - Madison - Southern Oneida - Cortland - Chenango - Otsego - Tioga - Broome - Delaware - Sullivan**								
	01	**0000EST**			**0**	**0**			**Record Cold**
	31	**2359EST**							
July 2000 was the coolest July on record across central New York. The average monthly temperature at Syracuse was 67.1F, 3.3F below normal. At Binghamton, the average monthly temperature was 64.7F, 4.5F below normal.									
Steuben County									
Addison	**14**	**1345EST**			**0**	**0**			**Lightning**
Wires and poles were reported down due to a lightning strike.									
Seneca County									
Waterloo	**14**	**1403EST**			**0**	**0**			**Thunderstorm Wind (G52)**
Trees and wires were blown down by thunderstorm winds acorss the northern portion of Seneca county, mainly around Waterloo. 1/2 inch diameter hail was also reported.									
Onondaga County									
Cicero	**14**	**1515EST**			**0**	**0**			**Hail (0.88)**
A report of nickel size hail was received just south of the interchange of Interstate 481 and Route 31.									
Oneida County									
Paris	**14**	**1545EST**			**0**	**0**			**Urban/Sml Stream Fld**

Storm Data and Unusual Weather Phenomena

July 2000

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
NEW YORK, Central									
		Reports of basement flooding due to heavy thunderstorm rains.							
Otsego County									
Westford	**14**	**1605EST**			**0**	**0**			**Thunderstorm Wind (G52)**
		A tree was reportedly blown down by thunderstorm winds. Large hail of an unspecified size was also reported.							
Cayuga County									
Venice Center	**14**	**1610EST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Power lines were blown down by thunderstorm winds in Venice.							
Cayuga County									
Niles	**14**	**1635EST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Power lines were blown down by thunderstorm winds.							
Tompkins County									
Ithaca	**14**	**1740EST**			**0**	**0**			**Tstm Wind/Hail**
		Pea size hail was reported in Ithaca.							
Sullivan County									
Northeast Portion	**14**	**1900EST**			**0**	**0**			**Flash Flood**
	15	**1100EST**							
		Road flooding along with downed trees were reported in Lowes Corners and Claryville in Neversink Township in the extreme northeastern portion of Sullivan county. The flooding was casued by runoff from prolonged heavy rainfall which fell upstream over the Catskill Mountains of Ulster county. The runoff primarily affected the Roundout Creek basin in Sullivan county. Several roads remained flooded into the morning of 7/15/00.							
Onondaga County									
Manlius to Fayetteville	**16**	**1345EST**			**0**	**0**			**Urban/Sml Stream Fld**
		Significant ponding of water was reported on roadways from Manlius to Fayetteville due to heavy thunderstorm rains.							
Oneida County									
Countywide	**16**	**1400EST**			**0**	**0**			**Urban/Sml Stream Fld**
		Heavy thunderstorm rains caused basement flooding in New Hartford as well as ponding of water on roadways in Utica. Sauquoit Creek also briefly flooded Holman City Road.							
Chenango County									
Smyrna	**16**	**1605EST**			**0**	**0**			**Thunderstorm Wind (G52)**
		A tree was reportedly blown down by thunderstorm winds.							
Cortland County									
Harford	**16**	**1900EST**			**0**	**0**			**Urban/Sml Stream Fld**
		Minor flooding was reported from blocked culverts due to heavy thunderstorm rains.							
Cayuga County									
Auburn	**21**	**1155EST**			**0**	**0**			**Hail (0.75)**
		Reports of dime size hail were recieved from the media. Lightning strikes also left 158 homes without power and heavy rain caused ponding of water on roadways.							
Onondaga County									
Skaneateles	**21**	**1205EST**			**0**	**0**			**Hail (0.75)**
		Reports of dime size hail were received from the media.							
Cayuga County									
Owasco	**21**	**1340EST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Thunderstorm winds caused falling tree limbs to knock down power lines. 75 homes were left without power in Owasco and Fleming.							
Broome County									
Vestal	**21**	**1450EST**			**0**	**0**			**Thunderstorm Wind (G52)**
		Trees and wires were blown down by thunderstorm winds. 1500 homes were left without power. Several tents at the BC Open PGA golf tournament were blown over in Endicott.							
Broome County									
Endicott	**21**	**1500EST**			**0**	**0**			**Urban/Sml Stream Fld**
		Nanticoke Drive was closed due to an underpass flooded by heavy thunderstorm rains.							
Broome County									
Castle Creek to Chenango Forks	**29**	**1900EST**			**0**	**0**			**Flash Flood**
	30	**0000EST**							
		Flash flooding from heavy thunderstorm rains caused washouts on numerous roads. Large rocks and mud caused East Hill Road, Speed Road, Mix Road, Oak Hill Road and portions of Route 11 to be closed. Fox Road and Route 12 also experienced damage but remained open. Flooding was also reported along Castle Creek.							
Otsego County									
Central Portion	**31**	**1400EST**			**0**	**0**			**Flash Flood**
		1600EST							
		Thunderstorm rains produced flash flooding in Westford, Maryland, and Milford. Highway 35, 42, and Hooker Mountain Road were particularly hard hit with trees and debris washing into roadways. Numerous homes also sustained damage from flood waters.							
Seneca County									
Countywide	**31**	**1615EST**			**0**	**0**			**Thunderstorm Wind (G52)**

Storm Data and Unusual Weather Phenomena

July 2000

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
NEW YORK, Central									
		Thunderstorm winds produced scattered reports of downed trees across Seneca county, mainly in Ovid, Romulus, Fayette, Varick, and Waterloo.							
Seneca County									
Countywide	**31**	**1700EST 1800EST**			**0**	**0**			**Flash Flood**
		Thunderstorm rains produced several reports of flooding, mainly in Fayette, Varick, and Romulus. Flood damage to crops was also reported. A health care facility in Waterloo was struck by lightning, forcing a switch to generator power.							
Steuben County									
North Portion	**31**	**1700EST 2359EST**			**0**	**0**	**50K**		**Flash Flood**
		Thunderstorm rains produced flash flooding across northern Steuben county, particularly in Arkport, South Dansville, Pultney, and Fremont. Numerous road wash outs and extensive erosion of roadways was reported and Route 54A was nearly closed. Preliminary damage totals from South Dansville total $50,000.							
Yates County									
Countywide	**31**	**1800EST 2359EST**			**0**	**0**			**Flash Flood**
		Thunderstorm rains resulted in numerous reports of flooding across Yates county. Culver Hill Road was washed out and Pre-Emption Road was flooded. Soldiers and Sailors Hospital in Penn Yan reported flooding in the main hallway. Crop losses were also caused by the magnitude of the flooding.							
NEW YORK, Coastal									
Richmond County									
Northeast Portion	**03**	**1705EST**			**0**	**0**			**Flash Flood**
Kings County									
Southwest Portion	**03**	**1736EST**			**0**	**0**			**Flash Flood**
Queens County									
North Portion	**03**	**1800EST**			**0**	**0**			**Flash Flood**
		Thunderstorms produced rainfall rates estimated by radar at up to 4 inches per hour for less than 1 hour across Northeast Richmond (Staten Island), Southwest Kings (Brooklyn) and Northern Queens Counties. These excessive rainfall rates were confirmed by two weather stations in Kings County (Brooklyn). The Bishop Kearney High School Weather Station measured a maximum rainfall rate of 4.48 inches per hour and the P.S. 170 Weather Station measured a maximum rainfall rate of 4.20 inches per hour.							
		In Richmond County, significant ponding of water trapped people in two cars near the Verranzano Bridge.							
		In Kings County, significant low-lying and poor drainage flooding occurred along the Belt Parkway in Bay Ridge.							
		In Queens County, the New York City Office of Emergency Management reported significant low-lying and poor drainage flooding on the Cross Island Parkway near the Whitestone Bridge.							
Suffolk County									
Central Portion	**15**	**0300EST 1500EST**			**0**	**0**			**Heavy Rain**
Rockland County									
Sloatsburg to Spring Vly	**15**	**0400EST 1600EST**			**0**	**0**			**Heavy Rain**
Orange County									
Central Portion	**15**	**0500EST 1700EST**			**0**	**0**			**Heavy Rain**
		Bands of heavy rain, oriented from southeast to northwest, developed across the region. Heavy rainfall caused some flooding of low-lying and poor drainge areas, especially along streets in Central Orange County, Southwest Rockland County, and Central Suffolk County.							
		Rainfall amounts ranged from 2 1/2 to around 5 inches. Here are selected rainfall amounts for:							
		Orange County: 3.11 inches at Gardnerville and 2.79 inches at Port Jervis.							
		Rockland County: National Weather Service radar estimated from 2 1/2 to around 4 inches across Southwest Rockland County.							
		Suffolk County: 4.25 inches at Rocky Point, 3.34 inches at the NWS Upton Office, and 2.54 inches at Mt. Sinai.							
		Generally, less than 2 inches of rain fell across the rest of extreme Southeast NY, where isolated flooding was reported in the usual poor drainage areas, such as Springfield Gardens in Queens.							

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
NEW YORK, Coastal									
Orange County									
Woodbury	**24**	**1935EST**			**0**	**0**			**Funnel Cloud**

NWS trained spotters sighted a funnel cloud along NY Interstate 87 near the Rte. 18 intersection in Woodbury. The funnel cloud moved northwest and remained a few hundred feet above the ground. No damage was reported along its' path.

Bronx County									
Countywide	**26**	**0700EST 1900EST**			**0**	**0**			**Heavy Rain**
Kings County									
Countywide	**26**	**0700EST 1900EST**			**0**	**0**			**Heavy Rain**
Nassau County									
Countywide	**26**	**0700EST 1900EST**			**0**	**0**			**Heavy Rain**
New York County									
Countywide	**26**	**0700EST 1900EST**			**0**	**0**			**Heavy Rain**
Queens County									
Countywide	**26**	**0700EST 1900EST**			**0**	**0**			**Heavy Rain**
Richmond County									
Countywide	**26**	**0700EST 1900EST**			**0**	**0**			**Heavy Rain**
Suffolk County									
Countywide	**26**	**0700EST 1900EST**			**0**	**0**			**Heavy Rain**
Westchester County									
Countywide	**26**	**0800EST 2000EST**			**0**	**0**			**Heavy Rain**

As a low pressure system moved north along the Mid-Atlantic Coast, periods of heavy rain occurred across the region. Rain developed between 1 am and 2 am EDT along the immediate coast on July 26th, spread rapidly north and ended by 9 am on July 27th. The heaviest rain occurred from around 8 am to 8 pm on the 26th. Rainfall amounts ranged from around 3 to around 4 inches.

Here are selected rainfall amounts for:

Westchester County: from 2.20 inches at Yorktown Heights to 3.80 inches at Mamaroneck.

New York County (Manhattan): 4.21 inches occurred at Central Park.

Kings County (Brooklyn): 3.64 inches was measured by a Cooperative Observer at Gravesend.

Queens County: from 3.38 inches at JFK Airport to 3.73 inches at LaGuardia Airport.

Nassau County: from 2.96 inches at Wantagh to 4.33 inches at Valley Stream.

Suffolk County: from 2.12 inches at Riverhead to 3.60 inches at Setauket.

Westchester County									
Yonkers to Mamaroneck	**30**	**0700EST 1000EST**			**0**	**0**			**Heavy Rain**

Heavy rain occurred over portions of extreme Southern Westchester County. Rainfall amounts ranged from 1 1/2 to 2 1/2 inches. A spotter from Mamaroneck measured 2.20 inches in just less than 3 hours ending around 11 am EDT. Minor flooding of low-lying and poor drainage areas occurred.

Nassau County									
Levittown	**31**	**1205EST**			**0**	**0**			**Flash Flood**
Suffolk County									
Terryville	**31**	**1315EST**			**0**	**0**			**Flash Flood**

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

NEW YORK, Coastal

As thunderstorms moved very slowly northeast, they produced torrential rain that caused serious widespread flooding of low-lying and poor drainage areas within Levittown and Terryville (just southwest of Port Jefferson).

In Levittown, up to 3 inches of rain fell in less than 90 minutes ending around 1:05 pm EDT. Water rapidly ponded up to 4 feet in streets just north of Hempstead Turnpike. Flash flooding caused several road closures.

In Terryville, up to 3.5 inches of rain fell in about 90 minutes. Water rapidly ponded up to 3 feet in several streets, which caused closures. Many cars were trapped in high water along Routes 112 and 347.

NEW YORK, East

NYZ032>033-038>043-047>054-058>061-063>066 **Northern Herkimer - Hamilton - Southern Herkimer - Fulton - Montgomery - Northern Saratoga - Warren - Washington - Schoharie - Western Schenectady - Eastern Schenectady - Southern Saratoga - Western Albany - Eastern Albany - Western Rensselaer - Eastern Rensselaer - Western Greene - Eastern Greene - Western Columbia - Eastern Columbia - Western Ulster - Eastern Ulster - Western Dutchess - Eastern Dutchess**

	01	0000EST			0	0			Record Cold
	31	2359EST							

July 2000 officially tied for the coolest July since records have been kept at Albany. The monthly mean was 67.6 degrees, or 4.2 degrees below normal, which equals the value of July 1992. Only one daily record was set. That record was a low maximum temperature of just 70 degrees on the 26th, which eclipsed the old record of 72 set in 1920. The average high temperature for the month was especially lower than normal, 76.9 degrees, compared to the normal of 84.0. This was the result of persistant cloudiness throughout the month. Only 52 percent of the possible sunshine was observed, compared to the normal of 64. It was also the first time ever that the warmest temperature for any July day in Albany failed to reach 85 degrees, the highest reading being just 84 on July 2.

Montgomery County									
Minaville	**14**	**1445EST**			**0**	**0**	**9K**		**Thunderstorm Wind**
Montgomery County									
Glen	**14**	**1450EST**			**0**	**0**	**19K**		**Thunderstorm Wind**
Fulton County									
Gloversville	**14**	**1735EST**			**0**	**0**	**51K**		**Flash Flood**
		2235EST							
Ulster County									
West Shokan	**14**	**1920EST**			**0**	**0**	**27K**		**Flash Flood**
		2350EST							
Herkimer County									
Ilion	**14**	**1940EST**			**0**	**0**	**33K**		**Flash Flood**
		2340EST							
Herkimer County									
Herkimer	**14**	**2000EST**			**0**	**0**	**58K**		**Flash Flood**
		2359EST							
Herkimer County									
Mohawk	**14**	**2000EST**			**0**	**0**	**75K**		**Flash Flood**
		2359EST							
Ulster County									
Denning	**14**	**2000EST**			**0**	**0**	**6M**		**Flash Flood**
		2200EST							

A very moist air mass moved over the Mohawk Valley and Southern Catskills during the afternoon on July 14. A cold front stalled to the west of the region. This scenario allowed for a cluster of thunderstorms to develop. One thunderstorm cell became locally severe as it moved across Montgomery county. Winds from the storm blew trees down in the town of Minaville. Large trees also blew over in Glen.

The thunderstorms produced torrential rains as they became stationary over the same area. In Fulton County, more than three inches of rain fell in a short time. The runoff washed out County Route 101 to the northwest of Gloversville. Five to seven inches of rain fell at West Shokan in Ulster county. A mudslide occurred on High Point Mountain Road, with debris blocking nearby roads.

County Route 51 was closed in IIlion, Herkimer County, due to flooding and mudslides. Other roads were closed in the towns of Mohawk and Herkimer. The Steele Creek overflowed its banks near the town of Ilion.

In Ulster county, Denning was especially hard hit. Doppler radar estimated between 8 and 10 inches of rain fell in a few hours during the late afternoon and evening hours as thunderstorms became virtually stationary over the area. Massive flooding caused almost every road in Denning to be washed out, including County Route 46 (Greenville Road). Five families had to be evacuated. Small bridges were also washed out. The hamlet of Sundown suffered the most damage with all but one road devastated. A trailer was destroyed while other houses had damage to their foundations. Other portions of homes were torn away.

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
NEW YORK, East									
Ulster County									
Olivebridge	**15**	**1250EST**			**0**	**0**	**29K**		**Flash Flood**
Albany County									
Countywide	**15**	**1912EST**			**0**	**0**	**100K**		**Flash Flood**
		2355EST							
Rensselaer County									
Countywide	**15**	**1915EST**			**0**	**0**	**200K**		**Flash Flood**
	16	**0600EST**							
Columbia County									
Countywide	**15**	**2105EST**			**0**	**0**	**1.5M**		**Flood**
	16	**0900EST**							
NYZ040	**Montgomery**								
	16	**0000EST**			**0**	**0**			**Flood**
		2300EST							

A stalled frontal boundary across eastern New York interacted with a strong upper level disturbance on July 15. The result was a slow-moving low pressure area that formed over Virginia. This low pumped a deep layer of tropical air into the region and resulted in the second widespread heavy rainstorm of the summer. The 3.23 inch rainfall on July 15 at Albany International Airport surpassed the old rainfall record of 1.41 inches set in 1945. Even heavier rain fell across the Mohawk Valley and Catskills. 4.43 inches of rain fell at East Chatham, Columbia County and 5.72 inches at Berlin in Rensselaer County. Exceptional 24-hour rainfall totals included 9.85 inches at Boiceville and 11.97 inches at West Shokan, both located in Ulster County. However, these totals included the heavy rain which fell the previous night.

The excessive rains resulted in flooding and flash flooding across Albany, Ulster, Rensselaer and, especially ,Columbia Counties. In Albany County, U.S. Route 9 was closed in Latham, State Route 5 (Central Avenue) was closed in Albany, and Sand Creek Road was closed in Colonie. Many other roads were flooded. In the village of Menands, as well as other areas of eastern Colonie, the rains forced authorities to evacuate several homes with waterlogged basements. The heavy rains also caused futher deterioration along the banks of the Normans Kill near State County Route 443 (Delaware Avenue) on the Delmar-Albany line.

In Rensselaer County a state of emergency was declared in the city of Rensselaer. The worst hit area in that city was The Hollow where many places were flooded. A man had to be evacuated by boat from his house. Meanwhile, the city's pumping equipment was damaged. Rapid movement of water uprooted trees. Severe flood damage resulted in the loss of power, natural gas, and water to many streets in Rensselaer. Roads also flooded in Schodack and were closed in Nassau. Six roads were impassable in East Greenbush and several homes were endangered by rising water.

Areas of Ulster County, not fully recovered from Friday's flood, had additional flooding Saturday. County Route 101 was made impassable due to water in Olivebridge.

All of Columbia County was declared in a state of emergency late Saturday through the mid-morning hours of Wednesday. Small streams overflowed at Red Rock, Austerlitz and Ancram. Residents became trapped in a home on Clark Road in Red Rock as firemen had to give up attempting to rescue them due to quick rising water. The residents were not hurt. In Kinderhook, the Kinderhook Creek overflowed its banks early Sunday morning onto U.S. Route 9. The water flooded the nearby Kinderhook Animal Hospital as well as McCagg Road. In Copake, floods closed Lackawanna, Trout Brook and Twin Bridges Roads. Chatham was by far, the hardest hit community in Columbia County. Forty roads had to be closed along with two bridges due to flooding waters. Ninety percent of the roads in that town were damaged from the floods. One commercial building was completely washed away. A farm foundation on Clark Road was also washed away. An estimated 5.5 miles of roadways were completely destroyed. In the Town of Ghent, The Kline Kill rose rapidly, picking up a nearby house on County Route 9, then setting it back down off kilter on its pilings. The house was seriously damaged. A house in Austerliz was flooded by the Punsit Creek by as much as four feet. The owner's car was completely submerged. A farm was also inundated by the Kline Kill, ruining much of its produce. At least four roads were washed out in Hillsdale.

The heavy rains resulted in a significant rise of the Mohawk River. The river went a little more than a foot above flood stage at Tribes Hill for about twenty four hours. There was no river flood damage reported to the National Weather Service.

Rensselaer County									
Petersburg	**16**	**2220EST**			**0**	**0**	**35K**		**Flash Flood**
	17	**0300EST**							

In the wake of the July 15 rainstorm, the air mass remained very humid and unstable across eastern New York. Widely scattered thunderstorms developed late on July 16. Most of these were in Rensselaer county and produced addtional heavy rainfall. Torrential thunderstorm rains produced flooding in the town of Petersburg with some secondary roads reported washed out.

Albany County									
Cohoes	**18**	**1030EST**			**0**	**0**			**Hail (1.00)**
Rensselaer County									
Eagle Bridge	**18**	**1222EST**			**0**	**0**			**Hail (0.75)**
Washington County									
Cambridge	**18**	**1222EST**			**0**	**0**			**Hail (1.00)**

Scattered thunderstorms developed ahead of a cold front during the morning and midday hours of July 18 across eastern New York. Some of these thunderstorms produced hail, with diameters ranging from dime to quarter size at a few locations. Hail of one inch diameter was reported in Cohoes, Albany county and the Hamlet of Buskirk, located in the town of Cambridge, Washington

Storm Data and Unusual Weather Phenomena

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

NEW YORK, East

County. Three-quarter inch hail was observed at Eagle Bridge, Rensselaer County.

Fulton County
Gloversville 21 1537EST 0 0 5K **Hail (0.75)**

Saratoga County
Galway 21 1550EST 0 0 10K **Hail (1.00)**
1551EST

Fulton County
Broadalbin 21 1555EST 0 0 4K **Hail (0.75)**

Saratoga County
Barkersville 21 1557EST 0 0 2K **Hail (1.00)**

Saratoga County
Rock City Falls 21 1609EST 0 0 **Hail (0.75)**

Numerous showers and thunderstorms developed ahead of a cold front during the afternoon of July 21 across eastern New York. Since the air aloft was cooler than normal, some of the storms in Fulton and Saratoga Counties produced hail. Dime size hail was reported at both Fulton and Broadalbin in Fulton County, and it fell hard enough to cover the ground.

In Saratoga County, dime to nickel size hail covered the ground and some roads in Galway. Nickel size hail fell in Barkersville, and dime size hail at Rock City Falls.

NEW YORK, North

St. Lawrence County
Ogdensburg 14 1530EST 0 0 **Small Hail**
1534EST

A thunderstorm resulted in 3/8 inch diameter hail in Ogdensburg NY. The hail lasted about 4 min.

St. Lawrence County
Ogdensburg 21 1730EST 0 0 **Small Hail**
1745EST

Small hail, associated with thunderstorms, was reported in Ogdensburg, Morristown and Hammond areas.

NEW YORK, West

Ontario County
Canandaigua 09 1500EST 0 0 15K **Thunderstorm Wind**

Thunderstorms brought high winds to Canandaigua. The winds downed trees and power lines. Tree damage was reported at Holiday Harbor and on Howell and Ontario Streets, Fort Hill Avenue, and Deerfield Drive.

Genesee County
Byron 16 1345EST 0 0 10K 20K **Flash Flood**
1445EST

Heavy rains from thunderstorms dropped over two inches in a couple of hours. The flash flooding that resulted inundated roads, washing away a portion of the shoulder. A bean field was washed away.

Monroe County
Henrietta 16 1445EST 0 0 15K **Flash Flood**
1530EST

Thunderstorms brought heavy rains to the area dropping two to three inches of rain. West Henrietta and Jefferson roads had to be closed due to the flood waters. In the city of Rochester, police closed Romona Street, Mt. Read Boulevard, and Lexington, Driving Park and LaGrange Avenues.

Orleans County
Carlton 17 2122EST 0 0 15K **Hail (0.75)**

Niagara County
Cambria 17 2145EST 0 0 25K **Thunderstorm Wind**

A line of thunderstorms which moved across Lake Ontario came onshore downing trees and power lines in Niagara and Orleans counties. Large hail was reported in Newfane, Wilson and Cambria.

Chautauqua County
Gerry 27 1700EST 0 0 25K **Thunderstorm Wind**

A thunderstorm crossed Chautauqua county downing trees and power lines. The worst hit area was in the town of Gerry and the surrounding area. In some cases, the falling trees caused damage to structures and automobiles.

Niagara County
Niagara Falls 28 1445EST 0 0 5K **Hail (0.75)**

Niagara County
Niagara Falls 28 1445EST 0 0 35K **Thunderstorm Wind**

Niagara County
Niagara Falls 28 1500EST 0 4 **Lightning**

An isolated thunderstorm developed in lake breezes during the early afternoon hours. The thunderstorm winds downed trees and power lines in the city of Niagara Falls. Localized poor drainage flooding was reported at College and Highland Avenues. Four tourists visiting the Falls were knocked to the ground when lightning struck a nearby tree near Terrapin Point. The four suffered minor cuts and bruises and were treated and released from a nearby hospital.

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
NEW YORK, West									
Livingston County									
Nunda	**29**	**1515EST 1800EST**			**0**	**0**	**40K**		**Flash Flood**
Thunderstorms dropped over four inches of rain in less than two hours over parts of southern Livingston County. In the town of Nunda, trees and driveways were washed away by the flood waters.									
Cattaraugus County									
Salamanca	**29**	**2015EST 2300EST**			**0**	**0**	**1M**		**Flash Flood**
Torrential rains caused destructive flash flooding during the afternoon and evening hours. Over three inches of rain fell in less than a couple of hours. A mudslide closed portions of Interstate 86 (formerly Route 17) for several hours. Over forty basements were flooded. Roads were washed away including the Parkway Drive Extension.									
Chautauqua County									
Arkwright	**31**	**0200EST**			**0**	**0**	**75K**		**Thunderstorm Wind**
A thunderstorm crossed Chautauqua county and produced damaging winds in the town of Arkwright. Trees were uprooted and animal pens tipped over. A 26' camping trailer on Partridge road was flipped over several times by the wind and landed fifty feet away from its original position. A garage also on Partridge road sustained damage when the door was blown out.									
Cattaraugus County									
Salamanca	**31**	**1600EST 1629EST**			**0**	**0**	**500K**		**Flash Flood**
Chautauqua County									
Jamestown	**31**	**1620EST 1800EST**			**0**	**0**	**100K**		**Flash Flood**
Cattaraugus County									
Salamanca	**31**	**1629EST 2300EST**			**0**	**0**	**500K**		**Flash Flood**
Chautauqua County									
Sinclairville	**31**	**1745EST 1900EST**			**0**	**0**	**50K**		**Flash Flood**
Ontario County									
Canandaigua	**31**	**1750EST 2015EST**			**0**	**0**	**25K**		**Flash Flood**
Ontario County									
Geneva	**31**	**1845EST 2300EST**			**0**	**0**	**150K**		**Flash Flood**
Ontario County									
Canandaigua	**31**	**2015EST 2300EST**			**0**	**0**	**25K**		**Flash Flood**
Slow moving thunderstorms developed over the western southern tier and parts of the Finger Lakes region. Between 2.5 and 3.0 inches fell in less than four hours onto already saturated ground. In Jamestown, Chautauqua county, Routes 60 and 430 were closed for several hours as flood waters inundated them. In Salamanca, Cattaraugus county, which had experienced flash flooding just a couple of days before, the mayor declared a State of Emergency with no unnecessary travel in the city. The eastbound lanes of Interstate 86 were closed from Salamanca to Olean due to mudslides. Roads were flooded throughout the city. About one hundred basements were flooded. Three homes were destroyed while another sustained major damage. About fifteen people were stranded at the Red Garter Playhouse after a road washed out. In Ontario county, roads were flooded in Canandaigua. In Geneva, a mudslide pushed a cottage downhill and over the breakwall of Seneca Lake. The cottage, valued at over $100,000, was not salvageable.									
NORTH CAROLINA, Central									
Moore County									
Carthage	**07**	**1200EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Strong thunderstorm winds blew down trees near Carthage.									
Sampson County									
Salemburg	**16**	**1615EST**			**0**	**0**			**Hail (1.00)**
Harnett County									
Pineview	**16**	**1700EST**			**0**	**0**			**Hail (1.00)**
Harnett County									
Spout Spgs	**16**	**1720EST**			**0**	**0**			**Hail (1.75)**
Cumberland County									
Spring Lake	**16**	**1722EST**			**0**	**0**			**Hail (0.75)**
Cumberland County									
Cedar Creek	**16**	**1930EST**			**0**	**0**			**Hail (1.00)**
Quarter sized hail was reported in the southwestern part of the county near NC 87.									
Chatham County									
Goldston	**16**	**2300EST**			**0**	**0**			**Hail (1.00)**
Wake County									
Raleigh	**17**	**0040EST**			**0**	**0**			**Hail (1.00)**

Storm Data and Unusual Weather Phenomena

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
NORTH CAROLINA, Central									
		Quarter sized hail reported near Creedmoor and Millbrook Road.							
Stanly County									
Oakboro	**22**	**1735EST**			**0**	**0**			**Hail (0.75)**
		Dime size hail reported on NC 138.							
Anson County									
Ansonville	**22**	**1805EST**			**0**	**0**			**Hail (0.75)**
Alamance County									
Countywide	**23**	**2100EST**			**0**	**0**			**Flash Flood**
		2230EST							
		Streams and creeks flooded from Saxapahaw to Graham and Burlington due to 4 to 5 inches of rain in three hours.							
Franklin County									
Countywide	**23**	**2250EST**			**0**	**0**			**Flash Flood**
	24	**0800EST**							
		Hwy 401 and adjacent rural roads were flooded. Six roads were washed out or had bridge damage.							
Anson County									
Ansonville	**23**	**2315EST**			**0**	**0**			**Flash Flood**
	24	**0115EST**							
		Flooding of streams and creeks closed several roads. Hwy 52 north was washed out .							
Durham County									
Durham	**23**	**2330EST**			**0**	**0**			**Flash Flood**
	24	**0330EST**							
		A major highway through town, Hwy 15-501 was flooded and closed. Numerous other secondary roads were barricaded. Some people had to leave their homes.							
Orange County									
Chapel Hill	**23**	**2330EST**			**0**	**0**	**6.4M**		**Flash Flood**
	24	**0330EST**							
		Flooding of streets and buldings was reported countywide, especially in Chapel Hill and Carrboro. The Eastgate Shopping center was damaged, as well as several apartments and homes. A bridge was washed out on Piney Mountain Rd.							
Warren County									
Countywide	**24**	**0115EST**			**0**	**0**			**Flash Flood**
		0800EST							
		Roads closed across the county due to flooding.							
Halifax County									
Countywide	**24**	**0400EST**			**0**	**0**			**Flash Flood**
		0800EST							
		Flooding reported on several roads in the western part of the county.							
Wake County									
Raleigh	**29**	**0110EST**			**0**	**0**			**Flash Flood**
		0300EST							
		Portions of Glenwood Ave. were closed due to flooding and water up to car door handles was reported near RDU Airport.							
NORTH CAROLINA, Central Coastal									
Jones County									
Trenton	**16**	**1445EST**			**0**	**0**			**Hail (0.75)**
Craven County									
New Bern	**16**	**1447EST**			**0**	**0**			**Hail (1.00)**
Craven County									
Vanceboro	**16**	**1515EST**			**0**	**0**			**Hail (1.00)**
Beaufort County									
Bath	**16**	**1540EST**			**0**	**0**			**Hail (1.75)**
Beaufort County									
Blounts Creek Statio	**16**	**1553EST**			**0**	**0**	**10K**		**Thunderstorm Wind (G65)**
		Numerous trees blown down along highway 33. One tree fell across a home causing significant roof damage.							
Beaufort County									
Ransomville	**16**	**1553EST**			**0**	**0**			**Hail (1.00)**
Duplin County									
Beulaville	**16**	**1610EST**			**0**	**0**		**500K**	**Hail (1.75)**
Lenoir County									
Deep Run	**16**	**1705EST**			**0**	**0**			**Hail (1.75)**
Craven County									
Ft Barnwell	**16**	**1710EST**			**0**	**0**	**20K**		**Hail (2.00)**
Pitt County									
Grifton	**16**	**1720EST**			**0**	**0**	**100K**	**500K**	**Hail (2.75)**
Jones County									
Phillips Xrds	**16**	**1722EST**			**0**	**0**		**605K**	**Hail (1.00)**

Storm Data and Unusual Weather Phenomena

July 2000

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
NORTH CAROLINA, Central Coastal									
Pitt County									
Grimesland	**16**	**1825EST**			**0**	**0**			**Hail (1.75)**
Duplin County									
Beulaville	**22**	**1615EST**			**0**	**0**			**Hail (1.75)**
Carteret County									
Salter Path	**25**	**1028EST**			**0**	**0**			**Thunderstorm Wind (G65)**
Craven County									
Vanceboro	**25**	**2100EST**			**0**	**0**			**Flood**
Numeous roads closed in and around Vanceboro. About 2 inches of water entered a couple of homes and one buisness.									
NORTH CAROLINA, Extreme Southwest									
NONE REPORTED.									
NORTH CAROLINA, North Coastal									
Currituck County									
Corolla	**24**	**1257EST**	**0.5**	**25**	**0**	**0**	**0**	**0**	**Tornado (F0)**
		1302EST							
A waterspout that formed over Currituck Sound came ashore and crossed Currituck Beach before heading into the Atlantic Ocean. Winds were measured at 50 mph as the tornado passed near the Currituck Beach Lighthouse but no significant damage occurred.									
Perquimans County									
Hertford	**24**	**2245EST**			**0**	**0**	**4K**	**0**	**Thunderstorm Wind (G50)**
Trees were blown down on power lines in several locations.									
NORTH CAROLINA, Northwest and North Central									
Caswell County									
8 W Yanceyville to Camp Spgs	**14**	**2145EST**			**0**	**0**			**Hail (1.75)**
Thunderstorms during the evening of the 14th produced hail up to golf ball size.									
Stokes County									
1 N Walnut Cove	**28**	**1950EST**			**0**	**0**	**0**		**Thunderstorm Wind**
Rockingham County									
Wentworth	**28**	**2030EST**			**0**	**0**			**Hail (1.00)**
Thunderstorms during the evening of the 28th produced damaging winds and hail up to 1 inch in diameter.									
Thunderstorm winds on the afternoon of the 28th downed trees onto Phillips Road, 1 mile north of Walnut Cove.									
Ashe County									
Green Vly	**31**	**1710EST**			**0**	**0**			**Flash Flood**
		1815EST							
Ashe County									
1 S Todd	**31**	**1710EST**			**0**	**0**			**Flash Flood**
		1830EST							
Heavy thunderstorm rains on the afternoon and evening of the 31st caused the South Fork of the New River to flood 1 mile south of Todd and Brush Fork to flood lowlands in the Green Valley area.									
NORTH CAROLINA, South Coastal									
Columbus County									
1 N Tabor City to Tabor City	**16**	**1420EST**			**0**	**0**			**Hail (1.75)**
		1428EST							
Hail reported ranging from 1 inch to 1 3/4 inch.									
Columbus County									
5 S Whiteville	**16**	**1437EST**			**0**	**0**			**Hail (0.75)**
		1455EST							
Dime size hail reported.									
Pender County									
Wards Corner	**16**	**1523EST**			**0**	**0**			**Hail (1.25)**
New Hanover County									
2 S Myrtle Grove	**16**	**1530EST**			**0**	**0**			**Hail (1.00)**
Quarter size hail reported.									
Pender County									
Watha	**16**	**1537EST**			**0**	**0**			**Hail (1.00)**

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

NORTH CAROLINA, South Coastal

Pender County
Penderlea **16** **1540EST** **0** **0** **75K** **Hail (1.75)**
1555EST
Golfball to as large as softball size hail fell in Penderlea. Extensive crop damage was noted, and large limbs were reported snapped off the treetops. A storm survey estimated the winds at 60 to 70 mph.

Pender County
Willard **16** **1545EST** **0** **0** **Hail (1.00)**
Quarter size hail and numerous trees down were reported. The wind estimate is unknown.

Bladen County
3 N Duart **16** **1820EST** **0** **0** **Hail (1.00)**
Motorist reported quarter size hail.

Bladen County
Duart **16** **1827EST** **0** **0** **Hail (1.75)**
Sheriff's department reported golfball size hail.

Robeson County
St Pauls **16** **1900EST** **0** **0** **Hail (1.75)**
Robeson 911 center reported golfball size hail and large garbage dumpsters blown over.

Robeson County
1 NE Lumberton to **16** **1900EST** **0** **0** **Hail (0.75)**
5 E Lumberton **1911EST**
Ham radio operator reported dime size hail.

Bladen County
Bladenboro to **16** **1920EST** **0** **0** **Hail (1.75)**
3 N Duart **1930EST**
Storm cell dumped golfball size hail in Bladenboro, then proceeded to near Duart, where quarter size hail was reported by the sherriff's department.

Bladen County
Tar Heel **16** **1920EST** **0** **0** **Hail (1.75)**
Golfball size hail reported.

Columbus County
Lake Waccamaw **16** **2015EST** **0** **0** **Thunderstorm Wind (G65)**
911 center reported trees down and golfball size hail.

Columbus County
Old Dock to **16** **2054EST** **0** **0** **Hail (1.75)**
Nakina
Whiteville 911 reported golfball size hail.

Brunswick County
Ash **16** **2057EST** **0** **0** **Hail (1.75)**
911 center reported golfball size hail.

Brunswick County
Shallotte **21** **1557EST** **0** **0** **5K** **Thunderstorm Wind (G55)**
Brunswick 911 reported a large billboard was blown down.

Robeson County
4 N Marietta to **22** **1530EST** **0** **0** **Thunderstorm Wind (G65)**
Fairmont **1635EST**
911 center reported trees across the road down near Marietta and 1 large tree down in Fairmont.

Robeson County
5 S Fairmont **22** **1545EST** **0** **0** **Thunderstorm Wind (G55)**
Tree reported down across county road 2454.

Pender County
Penderlea **22** **1600EST** **0** **0** **Hail (1.00)**
Deputy reported quarter size hail.

Pender County
3 W Burgaw **22** **1631EST** **0** **0** **Hail (0.75)**
Spotter reported dime size hail.

Columbus County
Chadbourn to **22** **1726EST** **0** **0** **Hail (0.75)**
1 W Whiteville
Columbus county sheriff reported both dime size hail in Chadbourn and one large tree down in Whiteville.

Bladen County
Elizabethtown **22** **1730EST** **0** **0** **Thunderstorm Wind (G65)**
Employee for the Lock and Dam 1 reported two large trees down with several large limbs down.

Columbus County
Bolton **22** **1747EST** **0** **0** **Hail (0.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
NORTH CAROLINA, South Coastal									
Spotter reported dime size hail.									
NORTH CAROLINA, Southwest									
Madison County									
Hot Spgs	**06**	**1645EST**			**0**	**0**			**Thunderstorm Wind (G50)**
A severe thunderstorm produced damaging winds which downed trees and power lines.									
Iredell County									
5 N Statesville to	**07**	**0000EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Statesville		**0014EST**							
Iredell County									
Troutman	**07**	**0030EST**			**0**	**0**	**50K**		**Thunderstorm Wind (G60)**
Iredell County									
Mooresville	**07**	**0046EST**			**0**	**0**			**Thunderstorm Wind (G60)**
		0100EST							
Mecklenburg County									
Charlotte	**07**	**0230EST**			**0**	**0**	**100K**		**Lightning**
A large severe thunderstom moved south along the I-77 corridor shortly after midnight, producing a swath of wind damage through Iredell county. Numerous downed trees were reported with a couple of trees causing extensive damage to two houses in Troutman. Lightning struck an apartment complex in Charlotte and caused a fire which destroyed the roof of one building. Fourteen people were left homeless.									
Polk County									
5 E Columbus	**11**	**1850EST**			**0**	**0**			**Thunderstorm Wind (G60)**
Catawba County									
Newton	**11**	**1900EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Polk County									
Tryon to	**11**	**1910EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Columbus									
Catawba County									
Hickory	**11**	**1915EST**			**0**	**0**			**Gusty Wind**
Cleveland County									
Shelby	**11**	**2000EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Scattered thunderstorms rumbled in the foothills, with a couple becoming severe during the late evening. A roof was blown off a trailer in the Green Creek community east of Columbus and shingles were blown off roofs in Shelby. Otherwise, numerous trees and power lines were blown down causing power outages.									
Mecklenburg County									
Charlotte	**12**	**1400EST**			**0**	**3**			**Urban/Sml Stream Fld**
		1530EST							
Catawba County									
Hickory	**12**	**1655EST**			**0**	**0**	**5K**		**Lightning**
Catawba County									
Maiden	**12**	**1655EST**			**0**	**0**	**30K**		**Heavy Rain**
Slow-moving thunderstorms produced heavy rain during the late afternoon and early evening. In Charlotte, three boys sustained minor injuries while playing in a swollen creek which swept them downstream. Typical urban flooding also occurred in the city. Five and a half inches of rain fell in 2 hours in Maiden, causing a drain pipe to back up and a large section of the road to be washed out. Lightning caused damage to a home in Hickory.									
Yancey County									
Sioux to	**14**	**2233EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Micaville		**2245EST**							
Madison County									
Mars Hill	**14**	**2236EST**			**0**	**0**	**200K**		**Lightning**
Madison County									
Mars Hill	**14**	**2236EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Buncombe County									
Weaverville	**14**	**2245EST**			**0**	**0**			**Thunderstorm Wind (G50)**
A cluster of severe thunderstorms produced damaging wind and hail close to midnight. Numerous downed trees and power lines were reported along with the usual associated power outages. A lot of hail fell in Weaverville but the size was unknown. Lightning struck a home in Mars Hill, destroying the home and its contents.									
Rowan County									
5 SW Salisbury	**28**	**1730EST**			**0**	**0**	**15K**		**Lightning**
Cabarrus County									
Kannapolis	**28**	**1755EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Catawba County									
7 SW Newton to	**28**	**1845EST**			**0**	**0**			**Hail (0.75)**
15 SW Newton		**1849EST**							

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
NORTH CAROLINA, Southwest									
Catawba County									
7 SW Newton to	**28**	**1845EST**			**0**	**0**			**Thunderstorm Wind (G50)**
15 SW Newton		**1849EST**							
Severe thunderstorms in the western piedmont early in the evening downed trees and power lines. Lightning sparked a house fire which killed a cocker spaniel and two birds.									
Rutherford County									
Forest City	**31**	**0000EST**			**0**	**0**			**Flash Flood**
		0300EST							
Rutherford County									
Forest City	**31**	**0000EST**			**0**	**0**	**6K**		**Lightning**
		0300EST							
Strong, nearly stationary thunderstorms dumped excessive rain and produced damaging lightning strikes and gusty winds over and near Forest City during the early morning hours. An estimated 5 inches of rain fell in the area causing urban flooding to begin around midnight. Soon after though, numerous creeks flooded, washing away parts of several streets and roads. One lightning strike cause a fire which burned an outbuilding. Some trees were downed from a combination of the heavy rain, wind and lightning.									
NORTH DAKOTA, Central and West									
Adams County									
Hettinger	**01**	**1520CST**			**0**	**0**			**Hail (0.88)**
Hettinger County									
Regent	**01**	**1617CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Tree's toppled by the winds.									
Dickey County									
5 NE Ellendale	**01**	**2020CST**			**0**	**0**			**Hail (0.88)**
Dickey County									
Guelph	**01**	**2125CST**			**0**	**0**			**Hail (0.75)**
Dickey County									
Guelph	**01**	**2125CST**			**0**	**0**			**Flash Flood**
In a one hour period 1.55 inches of rain fell causing urban flooding.									
Slope County									
Amidon	**03**	**0650CST**			**0**	**0**			**Hail (1.75)**
Mountrail County									
2 N Lostwood	**04**	**0800CST**			**0**	**0**			**Hail (0.88)**
Mchenry County									
1 W Balfour	**04**	**1405CST**			**0**	**0**			**Funnel Cloud**
Mchenry County									
1 N Balfour	**04**	**1415CST**			**0**	**0**			**Funnel Cloud**
NDZ004	**Bottineau**								
	04	**1515CST**			**0**	**0**			**Flood**
Rainfall total of 3 inches at Maxbass.									
Wells County									
Fessenden	**04**	**1600CST**			**0**	**0**			**Hail (0.88)**
NDZ023	**Wells**								
	04	**1610CST**			**0**	**0**			**Flood**
Rainfall of 1.80 inches fell in the city of Fessenden.									
Pierce County									
21 SE Rugby	**04**	**1610CST**	**3**	**50**	**0**	**0**			**Tornado (F1)**
Barns and half of the farm house destroyed. Uprooted trees and up to 20 hay bales moved a half mile away.									
Wells County									
10 E Harvey	**04**	**1615CST**			**0**	**0**			**Hail (1.00)**
Wells County									
1 NE Fessenden	**04**	**1625CST**			**0**	**0**			**Hail (0.75)**
Wells County									
3 S Fessenden to	**04**	**1630CST**	**3**	**40**	**0**	**0**			**Tornado (F0)**
3 SE Fessenden		**1640CST**							
Damage to trees and grain bins.									
Kidder County									
Crystal Spgs	**04**	**1730CST**			**0**	**0**			**Hail (0.88)**
Vehicles damaged along Interstate 94.									
Foster County									
8 NE Carrington	**04**	**1740CST**			**0**	**0**			**Hail (0.75)**
Storm produced widespread 1 to 3 inches of rain.									
Stutsman County									
5 N Woodworth	**04**	**1810CST**			**0**	**0**			**Hail (1.00)**

Storm Data and Unusual Weather Phenomena

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
NORTH DAKOTA, Central and West									
Golden Valley County									
Golva	**04**	**1910CST**			**0**	**0**			**Thunderstorm Wind (G61) M**
Numerous trees downd.									
Stutsman County									
Cleveland	**04**	**1915CST**			**0**	**0**			**Hail (1.75)**
Stutsman County									
Courtenay	**04**	**2000CST**			**0**	**0**			**Hail (0.88)**
Logan County									
Gackle	**04**	**2016CST**			**0**	**0**			**Hail (0.88)**
La Moure County									
Jud	**04**	**2020CST**			**0**	**0**			**Hail (0.75)**
Stutsman County									
1 S Jamestown	**04**	**2025CST**			**0**	**0**			**Hail (0.88)**
Golden Valley County									
6 SE Beach	**04**	**2046CST**			**0**	**0**			**Hail (0.75)**
Golden Valley County									
Beach	**04**	**2046CST**			**0**	**0**			**Thunderstorm Wind (G70) M**
Eight to ten inch diameter trees blown down.									
Billings County									
Medora	**04**	**2055CST**			**0**	**0**			**Hail (0.75)**
Stark County									
6 W Dickinson	**04**	**2115CST**			**0**	**0**			**Hail (0.75)**
Minor damage to paint on west side of buildings.									
Dickey County									
8 W Fullerton	**04**	**2125CST**	**0**	**40**	**0**	**0**			**Tornado (F0)**
Tornado reported by a co-op observer who stated the tornado briefly touched down in open country for a couple of minuates before dissipating.									
La Moure County									
15 E Edgeley to	**04**	**2145CST**	**2**	**50**	**0**	**0**			**Tornado (F0)**
17 E Edgeley		**2150CST**							
Tornado touched down in open country destroying a pole barn.									
La Moure County									
16 E Edgeley	**04**	**2155CST**			**0**	**0**			**Hail (1.00)**
Billings County									
Fairfield	**04**	**2200CST**			**0**	**0**			**Hail (1.00)**
La Moure County									
Edgeley	**04**	**2210CST**			**0**	**0**			**Thunderstorm Wind (G57) M**
Tree's uprooted. Severe crop damage.									
Dickey County									
Fullerton	**04**	**2240CST**			**0**	**0**			**Hail (0.88)**
Heavy rainfall of 2 to 3 inches with storm.									
Dickey County									
Oakes	**04**	**2315CST**			**0**	**0**			**Lightning**
Tree split in half.									
Bowman County									
13 S Rhame	**05**	**2110CST**			**0**	**0**			**Hail (1.75)**
Bowman County									
16 SW Rhame	**06**	**0001CST**			**0**	**0**			**Hail (1.75)**
Several farm homes received damage to siding and broken windows.									
Bowman County									
16 SW Rhame	**06**	**0001CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Mclean County									
20 NNE Turtle Lake	**06**	**1215CST**			**0**	**0**			**Hail (0.88)**
Bowman County									
16 SW Rhame	**06**	**1615CST**			**0**	**0**			**Hail (0.75)**
Bowman County									
Scranton	**06**	**1700CST**			**0**	**0**			**Hail (0.75)**
Mckenzie County									
13 S Watford City	**06**	**1805CST**			**0**	**1**			**Hail (2.75)**
One person injured at a horse ranch at the north unit of the Theodore Roosevelt National Park.									
Hettinger County									
15 S New England to	**06**	**1831CST**	**20**	**50**	**0**	**0**			**Tornado (F0)**
5 W Regent		**1844CST**							

Storm Data and Unusual Weather Phenomena

July 2000

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
NORTH DAKOTA, Central and West									
Tornado remain in open country.									
Williams County									
1 NE Williston Arpt	**06**	**1930CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Roof damage to a home and shed blown over.									
Mclean County									
Garrison	**07**	**0335CST**			**0**	**0**			**Hail (0.75)**
Sheridan County									
Martin	**07**	**0425CST**			**0**	**0**			**Hail (1.00)**
Wells County									
7 NW Harvey	**07**	**0430CST**			**0**	**0**			**Hail (1.00)**
Wells County									
10 SE Harvey	**07**	**0505CST**			**0**	**0**			**Hail (1.00)**
Crop damage reported.									
Golden Valley County									
20 SE Beach	**08**	**0830CST**			**0**	**0**			**Thunderstorm Wind (G57)**
Golden Valley County									
Golva	**10**	**1711CST**			**0**	**0**			**Hail (1.00)**
		1731CST							
Golden Valley County									
8 SE Golva	**10**	**1745CST**			**0**	**0**			**Hail (2.75)**
		1830CST							
The storm produced a 45 minuate hail storm which broke out windows of homes, automobles and shredded siding on a home. Six antelope were killed. Several cattle were injured.									
Golden Valley County									
13 SE Golva to	**10**	**1805CST**			**0**	**0**			**Hail (2.00)**
3 SE Golva									
Windows in automobles and homes broken. Localized flooding. The hail storm lasted 40 minuates.									
Slope County									
20 WNW Amidon	**10**	**1805CST**			**0**	**0**			**Hail (1.00)**
Pasture pounded flat.									
Williams County									
1 W Appam	**10**	**2000CST**			**0**	**0**			**Hail (0.75)**
Hail reported at the intersection of highway 50 and 85.									
Divide County									
15 S Fortuna	**10**	**2100CST**			**0**	**0**			**Hail (0.75)**
Logan County									
14 SW Gackle	**11**	**1030CST**			**0**	**0**			**Hail (1.50)**
La Moure County									
8 NW La Moure	**11**	**1200CST**			**0**	**0**			**Thunderstorm Wind (G61) M**
La Moure County									
2 N Berlin	**11**	**1207CST**			**0**	**0**			**Thunderstorm Wind (G52)**
La Moure County									
La Moure	**12**	**1815CST**			**0**	**0**			**Hail (0.75)**
La Moure County									
La Moure	**12**	**1820CST**			**0**	**0**			**Hail (1.00)**
La Moure County									
3 W La Moure	**12**	**1830CST**			**0**	**0**			**Thunderstorm Wind (G70)**
Thunderstorm winds tore away part of a roof from a home.									
La Moure County									
La Moure	**12**	**1833CST**			**0**	**0**			**Hail (0.88)**
Dickey County									
Oakes	**12**	**1835CST**			**0**	**0**			**Hail (0.75)**
Slope County									
Amidon	**14**	**1850CST**			**0**	**0**			**Hail (1.75)**
Bowman County									
10 N Scranton	**14**	**1900CST**			**0**	**0**			**Hail (2.00)**
Adams County									
Reeder	**14**	**1956CST**			**0**	**0**			**Hail (0.75)**
Bottineau County									
10 ENE Bottineau to	**15**	**1653CST**	**3**	**40**	**0**	**0**			**Tornado (F0)**
13 E Bottineau		**1700CST**							
Tornado touched down in open country and moved into Rolette county before lifting back into the clouds.									

Storm Data and Unusual Weather Phenomena

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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
NORTH DAKOTA, Central and West									
Mchenry County									
2 N Deering	**15**	**1655CST**			**0**	**0**			**Funnel Cloud**
Rolette County									
5 W Dunseith to	**15**	**1700CST**	**5**	**40**	**0**	**0**			**Tornado (F0)**
5 SSW Dunseith		**1708CST**							
Tornado began in Bottineau county. No damage reported as tornado remained in open field.									
Bottineau County									
2 E Gardena to	**15**	**1710CST**	**3**	**30**	**0**	**0**			**Tornado (F0)**
5 SE Gardena		**1717CST**							
Tornado touched down in open country.									
Foster County									
Carrington	**15**	**2015CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Tree's down.									
Bowman County									
7 S Bowman	**19**	**1350CST**			**0**	**0**			**Hail (1.75)**
Bowman County									
1 S Haley	**19**	**1430CST**			**0**	**0**			**Hail (1.50)**
Two thousand acres of wheat and corn had 50 to 100 percent crop loss.									
Adams County									
8 N Bucyrus	**19**	**1446CST**			**0**	**0**			**Hail (1.00)**
Adams County									
15 N Hettinger	**19**	**1456CST**			**0**	**0**			**Hail (1.75)**
Hail damage to vehicles and equipment at a pipeline work site.									
Adams County									
10 NNE Reeder	**19**	**1505CST**			**0**	**0**			**Hail (0.75)**
Total crop loss in some areas.									
Hettinger County									
8 S Mott	**19**	**1505CST**			**0**	**0**			**Hail (0.75)**
Hail covered the ground.									
Grant County									
18 S New Leipzig	**19**	**1540CST**			**0**	**0**			**Hail (0.75)**
Adams County									
15 ENE Haynes	**19**	**1550CST**			**0**	**0**			**Hail (0.75)**
Mclean County									
5 SW Turtle Lake	**24**	**0230CST**			**0**	**0**			**Hail (0.75)**
Golden Valley County									
6 S Golva	**27**	**2100CST**			**0**	**0**			**Hail (1.75)**
Localized flooding from very heavy rain.									
NORTH DAKOTA, East									
Sargent County									
10 SE Milnor	**01**	**2015CST**			**0**	**0**			**Hail (1.75)**
Richland County									
14 NNW Wyndmere	**01**	**2045CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Richland County									
Barney	**01**	**2125CST**			**0**	**0**			**Hail (0.75)**
Richland County									
Barney	**01**	**2125CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees and power lines were blown down at Barney.									
Sargent County									
2 S Brampton	**01**	**2130CST**			**0**	**0**			**Flash Flood**
Water was reported over roads.									
Richland County									
10 SW Hankinson	**01**	**2145CST**			**0**	**0**			**Flash Flood**
Water was reported over roads.									
Benson County									
4 N Oberon	**04**	**1700CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G52)**
Several antennas and trees were blown down north of Oberon.									
Eddy County									
5 W New Rockford	**04**	**1712CST**			**0**	**0**			**Hail (1.00)**
Barnes County									
2 SW Leal	**04**	**2000CST**			**0**	**0**			**Hail (0.75)**
Grand Forks County									
Grand Forks	**04**	**2200CST**			**0**	**0**			**Flash Flood**

Storm Data and Unusual Weather Phenomena

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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
NORTH DAKOTA, East									
		Street flooding was reported in Grand Forks, where nearly 2 inches of rain fell over a short period of time. The heaviest rain fell on the south side of town.							
Barnes County									
5 S Fingal	**04**	**2210CST**			**0**	**0**			**Hail (0.75)**
Cass County									
17 W Leonard	**04**	**2220CST**			**0**	**0**			**Hail (0.75)**
Cass County									
7 SE Alice	**04**	**2245CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
		Large branches were blown down.							
Ransom County									
Lisbon	**04**	**2315CST**			**0**	**0**			**Thunderstorm Wind (G56) M**
Ransom County									
Lisbon	**04**	**2320CST**			**0**	**0**			**Hail (0.88)**
Ransom County									
6 NW Mc Leod	**04**	**2345CST**			**0**	**0**			**Thunderstorm Wind (G59) M**
		A 59 knot wind gust was measured by a NDSU mesonet wind site.							
Sargent County									
Crete	**04**	**2345CST**			**0**	**0**			**Hail (0.75)**
Sargent County									
15 W Gwinner	**04**	**2356CST**			**0**	**0**			**Hail (0.75)**
Ransom County									
Lisbon	**05**	**0020CST**			**0**	**0**			**Flash Flood**
		Street flooding was reported in Lisbon, where nearly 2 inches of rain fell.							
Sargent County									
5 NE Forman	**05**	**0025CST**			**0**	**0**			**Hail (0.75)**
Richland County									
7 NW Wahpeton	**05**	**0030CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
		Large tree branches were blown down.							
Richland County									
Fairmount	**05**	**0130CST**			**0**	**0**			**Flash Flood**
		The westbound lane of highway 11 was flooded by the heavy rain.							
Richland County									
Wahpeton	**05**	**0130CST**			**0**	**0**			**Flash Flood**
		Street flooding occurred in Wahpeton, after nearly 2 inches of rain fell.							
Cass County									
Mapleton	**05**	**0145CST**			**0**	**0**			**Flash Flood**
		Water was reported over Interstate 94 at the Mapleton exit, after 2 inches of rain fell over a short period of time.							
Barnes County									
12 S Valley City	**05**	**0200CST**			**0**	**0**			**Flash Flood**
		Crops were flattened by the heavy rain and several roads were under water. Two and a half inches of rain fell in a short period of time.							
Cass County									
5 SE Tower City	**07**	**0130CST**			**0**	**0**			**Hail (0.75)**
Cass County									
1 E Durbin	**07**	**0200CST**			**0**	**0**			**Hail (0.75)**
Eddy County									
3 S Sheyenne	**07**	**0532CST**			**0**	**0**			**Hail (1.50)**
Walsh County									
12 W Lankin	**07**	**0535CST**			**0**	**0**			**Hail (0.88)**
Walsh County									
5 NW Lankin	**07**	**0542CST**			**0**	**0**			**Hail (1.00)**
Eddy County									
10 ESE Sheyenne	**07**	**0550CST**			**0**	**0**			**Hail (1.50)**
Eddy County									
8 E Sheyenne	**07**	**0605CST**			**0**	**0**			**Hail (1.50)**
Benson County									
Fillmore	**07**	**0618CST**			**0**	**0**			**Hail (1.50)**
Benson County									
8 WSW Leeds	**07**	**0626CST**			**0**	**0**			**Hail (1.00)**
Nelson County									
Lakota	**07**	**0844CST**			**0**	**0**			**Hail (0.75)**
Nelson County									
7 SW Lakota	**07**	**0850CST**			**0**	**0**			**Hail (1.75)**

Storm Data and Unusual Weather Phenomena

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NORTH DAKOTA, East									
Nelson County									
5 SE Michigan City	**07**	**0915CST**			**0**	**0**			**Hail (0.75)**
Grand Forks County									
4 E Niagara	**07**	**0940CST**			**0**	**0**			**Hail (1.50)**
Nelson County									
8 E Pekin	**07**	**1010CST**			**0**	**0**			**Hail (0.75)**
Griggs County									
Binford	**07**	**1023CST**			**0**	**0**			**Hail (1.00)**
Nelson County									
8 S Petersburg	**07**	**1023CST**			**0**	**0**			**Hail (1.00)**
Grand Forks County									
2 SW Larimore	**07**	**1050CST**			**0**	**0**			**Hail (0.75)**
Steele County									
Sharon	**07**	**1058CST**			**0**	**0**			**Hail (1.00)**
Steele County									
10 NE Sherbrooke	**07**	**1120CST**			**0**	**0**			**Hail (0.75)**
Traill County									
7 E Buxton	**07**	**1145CST**			**0**	**0**			**Hail (0.75)**
Benson County									
12 NE Leeds	**11**	**1000CST**			**0**	**0**			**Flash Flood**
Basement flooding was reported northeast of Leeds.									
Ramsey County									
Churchs Ferry	**11**	**1045CST**			**0**	**0**			**Flash Flood**
5.5 inches of rain fell in a short period of time, causing flooding problems in Churchs Ferry.									
Ramsey County									
Hampden	**11**	**1045CST**			**0**	**0**			**Flash Flood**
Basement flooding was reported in Hampden, where 5.25 inches of rain fell.									
Cavalier County									
Munich	**11**	**1100CST**			**0**	**0**			**Flash Flood**
Five inches of rain fell in a short period of time, causing flooding problems in Munich.									
Towner County									
2 N Cando to 6 S Cando	**11**	**1100CST**			**0**	**0**			**Flash Flood**
6.25 inches of rain fell in the Cando area, which caused problems for a section of road construction. Large ponds formed along a 12 mile stretch of highway 281. Rushing coulee water washed out a bypass road around a bridge being fixed. Several gravel roads had washouts and grain fields were flattened. In Cando, streets, several fairways at the town golf course, and some basements filled with water.									
Sargent County									
4 N Gwinner	**12**	**1850CST**			**0**	**0**			**Hail (0.75)**
Ransom County									
8 S Lisbon	**12**	**1855CST**			**0**	**0**			**Hail (0.88)**
Ransom County									
7 S Lisbon	**12**	**1855CST**			**0**	**0**			**Hail (1.75)**
Richland County									
6 SW Colfax	**12**	**2335CST**			**0**	**0**			**Hail (0.75)**
Ramsey County									
5 N Devils Lake	**15**	**1835CST**			**0**	**0**			**Hail (0.75)**
Ramsey County									
Churchs Ferry	**15**	**1902CST**			**0**	**0**			**Hail (0.75)**
Ramsey County									
1 SW Penn	**15**	**1905CST**	**1**	**50**	**0**	**0**	**50K**		**Tornado (F0)**
A tornado destroyed the attached garage of a house, damaged a semi truck, and destroyed a grain dryer.									
Benson County									
2 N Minnewaukan	**15**	**1913CST**			**0**	**0**			**Hail (0.75)**
Ramsey County									
4 NW Devils Lake	**15**	**1925CST**	**0.5**	**50**	**0**	**0**			**Tornado (F0)**
A brief touchdown was reported by a state patrol officer.									
Eddy County									
4 NE New Rockford	**15**	**1950CST**			**0**	**0**			**Hail (0.75)**
Pembina County									
Joliette	**15**	**2230CST**			**0**	**0**	**500K**		**Thunderstorm Wind**

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
NORTH DAKOTA, East									
Strong winds destroyed eight grain bins, knocked down some trees, and damaged the doors on a scale house. One of the 50 foot tall bins was carried away nearly 1000 feet, landing in a nearby farm field. The 8 bins were empty at the time, each capable of holding 50,000 bushels. Three large grain augers were also ruined.									
Sargent County									
Brampton	**24**	**1810CST**			**0**	**0**			**Hail (1.00)**
NDZ039	**Cass**								
	31	**1430CST**			**1**	**11**	**3M**		**High Wind**
A three-story apartment building under construction in southwest Fargo collapsed after strong winds hit. No thunderstorms were in the area, but temperature and moisture boundaries were present. Twelve construction workers were inside the structure when it collapsed. One of the workers went into cardiac arrest and later died. M30LS									
OHIO, East									
Tuscarawas County									
Zoar	**14**	**1445EST**			**0**	**0**			**Hail (1.75)**
Carroll County									
Carrollton	**14**	**1500EST**			**0**	**0**			**Hail (0.75)**
Tuscarawas County									
New Philadelphia	**14**	**1500EST**			**0**	**0**			**Hail (0.88)**
Carroll County									
Countywide	**14**	**1642EST** **1945EST**			**0**	**0**	**5K**		**Flood**
Torrential thunderstorm rains of up to 3 inches produced minor flash flooding across southern portions of Carroll County. Across northern sections of Carroll County, minor street flooding was reported along Clay and Glacier Streets near Augusta. In the southern part of the county, Scott Run Creek, just southwest of Perryville, rose out of its banks and partially flooded Cologne Road.									
Columbiana County									
Lisbon	**14**	**1905EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Thunderstorm winds downed a few trees.									
Columbiana County									
Salem	**14**	**1905EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Thunderstorm winds downed a few trees.									
Guernsey County									
Cambridge	**14**	**2000EST**			**0**	**0**			**Hail (0.75)**
Monroe County									
Woodsfield	**14**	**2040EST**			**0**	**0**			**Hail (1.00)**
Muskingum County									
Otsego	**14**	**2145EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Thunderstorm winds downed a large tree.									
Muskingum County									
Dresden	**28**	**1510EST**			**0**	**0**			**Hail (0.75)**
Muskingum County									
Dresden	**28**	**1510EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Thunderstorm winds downed several trees.									
Guernsey County									
1 N Guernsey	**28**	**1520EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Thunderstorm winds downed a few trees.									
Carroll County									
Minerva	**28**	**1530EST**			**0**	**0**			**Hail (0.75)**
Coshocton County									
1 E Coshocton	**28**	**1530EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Thunderstorm winds downed several large tree limbs along CR 16.									
Columbiana County									
Bayard	**28**	**1610EST**			**0**	**0**			**Hail (0.88)**
Carroll County									
Perryville	**28**	**1624EST**			**0**	**0**			**Hail (1.00)**
Jefferson County									
Wintersville	**28**	**1715EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Thunderstorm winds downed several large tree limbs.									
Carroll County									
Perryville	**28**	**1720EST** **1900EST**			**0**	**0**			**Flood**
Thunderstorm rains of up to 2 inches in an hour forced Scott Run Creek over its banks, flooding CR 72 in the Perryville area.									

Storm Data and Unusual Weather Phenomena

July 2000

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
OHIO, North									
Lake County									
Madison	**14**	**1055EST**			**0**	**0**			**Hail (0.75)**
Geauga County									
Russell	**14**	**1105EST**			**0**	**0**			**Hail (0.75)**
Ashtabula County									
Andover	**14**	**1145EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Thunderstorm winds downed several large trees.									
Hancock County									
Rawson	**14**	**1159EST**			**0**	**0**			**Hail (0.75)**
Dime size hail was reported five miles southwest of Rawson.									
Summit County									
Akron	**14**	**1200EST**			**0**	**0**			**Hail (1.00)**
Summit County									
Barberton	**14**	**1214EST**			**0**	**0**			**Hail (0.75)**
Stark County									
Uniontown	**14**	**1230EST**			**0**	**0**			**Hail (1.00)**
Trumbull County									
Champion	**14**	**1240EST**			**0**	**0**			**Hail (0.88)**
Trumbull County									
Countywide	**14**	**1240EST** **1300EST**			**0**	**0**	**15K**		**Thunderstorm Wind**
Thunderstorm winds downed many trees in Leavittsburg, Niles and Howland. Several power poles were snapped just above ground level near Leavittsburg.									
Stark County									
Hartville	**14**	**1255EST**			**0**	**0**			**Hail (1.00)**
Quarter size hail was reported two miles east of Hartville.									
Morrow County									
Marengo to **Sparta**	**14**	**1300EST** **1310EST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Thunderstorm winds downed many trees between Marengo and Sparta.									
Portage County									
Randolph	**14**	**1300EST**			**0**	**0**			**Hail (0.88)**
Wyandot County									
Upper Sandusky	**14**	**1300EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Thunderstorm winds downed several trees in Upper Sandusky.									
Medina County									
Wadsworth	**14**	**1322EST**			**0**	**0**			**Hail (0.75)**
Wayne County									
Kidron	**14**	**1334EST**			**0**	**0**			**Hail (0.75)**
Mahoning County									
Austintown	**14**	**1340EST**			**0**	**0**	**25K**		**Thunderstorm Wind**
Thunderstorm winds downed several dozen trees in a ten block area.									
Stark County									
Massillion	**14**	**1340EST**			**0**	**0**			**Hail (0.75)**
Stark County									
Canton	**14**	**1345EST**			**0**	**0**			**Hail (0.75)**
Stark County									
Mc Donaldsville	**14**	**1345EST**			**0**	**0**			**Hail (0.75)**
Stark County									
Canton	**14**	**1409EST**			**0**	**0**			**Hail (0.88)**
Stark County									
Canton	**14**	**1415EST** **1420EST**			**0**	**0**			**Hail (1.25)**
Stark County									
Canton	**14**	**1421EST**			**0**	**0**			**Hail (0.75)**
Knox County									
Centerburg	**14**	**1427EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Thunderstorm winds downed a few trees.									
Stark County									
Canton	**14**	**1428EST**			**0**	**0**			**Hail (1.00)**

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
OHIO, North									
Stark County									
North Canton	**14**	**1430EST**			**0**	**0**	**175K**		**Lightning**
Lightning struck a twelve unit apartment building and caused a fire.									
Stark County									
Canton	**14**	**1435EST**			**0**	**0**			**Hail (1.75)**
Golf ball size hail was reported two miles west of Canton.									
Holmes County									
Countywide	**14**	**1515EST** **1545EST**			**0**	**1**	**35K**		**Thunderstorm Wind**
Thunderstorm winds downed many trees in the central and southeast portions of the county. A 43 year old female was injured when her minivan was struck by a large tree. The woman suffered minor injuries and was taken to a local hospital for treatment.									
Huron County									
Monroeville	**14**	**1515EST**			**0**	**0**			**Hail (1.00)**
Huron County									
Milan	**14**	**1530EST**			**0**	**0**			**Hail (0.75)**
Huron County									
Monroeville	**14**	**1530EST**			**0**	**0**			**Hail (0.88)**
Huron County									
Monroeville	**14**	**1530EST** **1535EST**			**0**	**0**			**Hail (1.75)**
Lucas County									
Sylvania	**14**	**1600EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Thunderstorm winds downed three trees approximately two miles southwest of Sylvania.									
Stark County									
Countywide	**14**	**1600EST** **1900EST**			**0**	**0**	**250K**		**Flash Flood**
Thunderstorms dumped three to five inches of rain on Stark County during the evening hours. Spotters measured two and one half inches of rain in a 35 minute period. Many streams and creeks went out of there banks and widespread street flooding occurred. Several people had to rescued in Canton when their vehicles became stranded in water up to four feet deep. Approximately 100 people were evacuated in Jackson Township because of a possible dam failure. The people lived downstream of the Smith Mill Pond earthen dam. The dam developed a three foot diameter hole and came close to failing completely.									
Wayne County									
Countywide	**14**	**1600EST** **1620EST**			**0**	**0**	**50K**		**Thunderstorm Wind**
Thunderstorm winds downed many trees in Rittman, Creston, Orrville and Wooster. Scattered trees were knocked down elsewhere across the county as well. A construction trailer was knocked over and destroyed in Rittman. Two homes were damaged by fallen trees in Wooster.									
Lucas County									
Maumee	**14**	**1610EST**			**0**	**0**			**Hail (1.00)**
Ottawa County									
Catawba Is to Marblehead	**14**	**1640EST** **1650EST**			**0**	**0**	**120K**		**Thunderstorm Wind (G61) M**
Thunderstorm winds downed over 30 trees on Catawba Island and several others in Marblehead. A 70 mph thunderstorm wind gust was measured at the Coast Guard Station in Marblehead. Several homes were damaged by fallen trees and a car was crushed by a tree in Marblehead. A garage was also crushed on Catawba Island and a nearby home lost much of its roof.									
Sandusky County									
Countywide	**14**	**1645EST** **1715EST**			**0**	**0**	**40K**		**Thunderstorm Wind**
Thunderstorm winds downed many trees across the county. A fallen tree did significant damage to the roof of a house in Fremont. Another tree crushed a car in Fremont. A second car was damaged by a large limb in Clyde.									
Huron County									
Willard	**14**	**1658EST**			**0**	**0**			**Hail (0.75)**
Cuyahoga County									
Bay Vlg	**14**	**1700EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G54) M**
A 62 mph thunderstorm wind gust was measured in Bay Village. A large tree was blown down.									
Erie County									
Sandusky	**14**	**1700EST**			**0**	**0**	**35K**		**Thunderstorm Wind (G59) M**
A 68 mph thunderstorm wind gust was measured in Sandusky. Many trees were downed and two homes were damaged by fallen trees. Two other trees were knocked down five miles south of Sandusky.									
Crawford County									
Bucyrus	**14**	**1701EST**			**0**	**0**			**Hail (0.75)**
Dime size hail was reported three miles east of Bucyrus.									
Crawford County									
Crestline	**14**	**1715EST**			**0**	**0**	**5K**		**Thunderstorm Wind**

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
OHIO, North									
		Thunderstorm winds downed around 20 trees in a five block area in Crestline.							
Seneca County									
Tiffin	**14**	**1720EST**			**0**	**0**			**Hail (0.75)**
Sandusky County									
Fremont	**14**	**1729EST**			**0**	**0**			**Hail (0.75)**
Wyandot County									
Nevada	**14**	**1730EST**			**0**	**0**	**15K**		**Thunderstorm Wind**
		Thunderstorm winds downed several trees and power poles in Nevada.							
Medina County									
Medina	**14**	**1742EST**			**0**	**0**			**Hail (0.75)**
Medina County									
Medina	**14**	**1743EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G56)**
		Thunderstorm winds were estimated at 65 mph. Two trees were knocked down.							
Richland County									
Ontario	**14**	**1750EST**			**0**	**0**			**Hail (0.75)**
Marion County									
Marion Arpt	**14**	**1758EST**			**0**	**0**	**35K**		**Thunderstorm Wind (G57) M**
		A 66 mph thunderstorm wind gust was measured at the Marion Airport. Several trees were downed in Marion and a barn just outside of Marion had one third of its roof torn off. A car was also damaged by a fallen tree.							
Marion County									
Marion	**14**	**1759EST**			**0**	**0**			**Hail (1.00)**
Morrow County									
Williamsport	**14**	**1759EST**			**0**	**0**			**Hail (1.00)**
Portage County									
Mantua to Hiram	**14**	**1800EST 1815EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		Thunderstorm winds downed two trees in Mantua and several other trees in Hiram.							
Marion County									
Marion	**14**	**1802EST**			**0**	**0**			**Hail (1.50)**
Knox County									
Mt Vernon	**14**	**1832EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		Thunderstorm winds knocked down several large tree limbs.							
Lorain County									
Sheffield Lake	**21**	**0820EST**			**0**	**0**			**Waterspout**
		A waterspout was observed on Lake Erie just off shore from Sheffield Lake.							
Erie County									
Huron	**21**	**0825EST**			**0**	**0**			**Waterspout**
		A waterspout was observed on Lake Erie approximately two miles north of Huron.							
Cuyahoga County									
Cleveland	**21**	**0900EST**			**0**	**0**			**Thunderstorm Wind (G51) M**
		A 59 mph thunderstorm wind gust was measured at the Cleveland Light House.							
Geauga County									
Auburn Center	**21**	**1020EST**			**0**	**0**			**Hail (1.75)**
Geauga County									
Auburn Center	**21**	**1020EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		Thunderstorm winds downed several large trees.							
Lake County									
Fairport Harbor	**21**	**1030EST 1100EST**			**0**	**0**			**Waterspout**
		At least ten waterspouts were observed on Lake Erie just north of Fairport Harbor. Several of the waterspouts made it to shore, but then quickly dissipated. No damage occurred.							
Trumbull County									
Warren	**21**	**1110EST**			**0**	**0**			**Hail (0.75)**
Trumbull County									
Warren	**21**	**1110EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		Thunderstorm winds downed two trees on the northwest side of Warren.							
Lake County									
Mentor	**21**	**1135EST**			**0**	**0**			**Waterspout**
		Several large waterspouts were observed on Lake Erie just north of Mentor.							
Trumbull County									
Niles	**21**	**1135EST**			**0**	**0**			**Hail (0.75)**
Lake County									
Madison	**21**	**1145EST**			**0**	**0**			**Waterspout**
		Several waterspouts were observed on Lake Erie just off shore from Madison.							

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
OHIO, North									
Lorain County									
Elyria	**27**	**1430EST** **1530EST**			**0**	**0**			**Flash Flood**
Thunderstorms dumped very heavy rain on Lorain County. Spotters in Elyria recorded 3.12 inches of rain in less than 90 minutes. Major street flooding occurred and at least one person had to be rescued from a vehicle that became stranded in high water.									
Cuyahoga County									
Cleveland	**27**	**1445EST** **1600EST**			**0**	**0**	**250K**		**Flash Flood**
Thunderstorms dumped up to three inches of rain on downtown Cleveland during the late afternoon hours. A television station located just east of downtown recorded 2.75 inches of rain in only 48 minutes. Major street flooding occurred and dozens of cars became stuck in water up to four feet deep. Several motorists had to be rescued from their vehicles.									
Medina County									
Medina	**27**	**2153EST**			**0**	**0**			**Hail (1.00)**
Quarter size hail was reported six miles west of Medina in Litchfield.									
Ashland County									
Polk	**28**	**1530EST** **1545EST**			**0**	**0**			**Hail (0.75)**
Ashland County									
Sullivan	**28**	**1547EST**			**0**	**0**			**Hail (1.00)**
Lorain County									
Penfield	**28**	**1547EST**			**0**	**0**			**Hail (0.75)**
Lorain County									
La Grange	**28**	**1550EST**			**0**	**0**			**Hail (1.00)**
Lorain County									
Penfield	**28**	**1552EST**			**0**	**0**			**Hail (1.00)**
Medina County									
Medina	**28**	**1610EST** **1615EST**			**0**	**0**			**Hail (0.75)**
Dime size hail was observed near Litchfield six miles to the west of Medina.									
Portage County									
Kent	**28**	**1800EST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Thunderstorm winds downed many trees on the west side of Kent.									
Lucas County									
Toledo	**28**	**1830EST**			**0**	**0**	**15K**		**Thunderstorm Wind**
Thunderstorm winds downed three trees, many large limbs and a large advertisement sign on the south side of Toledo. One of the trees landed on a car.									
Knox County									
Mt Vernon	**28**	**2036EST**			**0**	**0**			**Hail (0.88)**
Nickel size hail was observed six miles southeast of Mt. Vernon.									
Lucas County									
Countywide	**29**	**1145EST** **1345EST**			**0**	**0**	**3.5M**		**Flash Flood**
Thunderstorms dumped torrential rain on Lucas County during the early afternoon hours. Rainfall amounts of up to 6.9 inches were measured in Toledo with most of that total falling between noon and 2 pm. Widespread flooding occurred in Toledo, especially on the west and north sides, and also in Sylvania. Hundreds of roads were flooded with over a dozen roads washed out. Water on many roads was in excess of six feet deep. Several dozen people were stranded in cars and had to be rescued. In Toledo, 10 homes were destroyed by flooding with 58 homes severely damaged. An additional 256 homes and apartments suffered minor damage. Hundreds of motor vehicles were also damaged by flooding including eight police cruisers. The police cruisers were damaged by a dumpster floating in three feet of water in the parking lot of the police station.									
Lucas County									
Sylvania	**29**	**1222EST** **1330EST**			**0**	**0**			**Hail (0.75)**
Ottawa County									
Genoa	**29**	**1225EST**			**0**	**0**			**Hail (0.75)**
Lucas County									
Toledo	**29**	**1245EST** **1300EST**			**0**	**0**	**20K**		**Thunderstorm Wind**
Thunderstorm winds downed several large trees and over two dozen large limbs on the west side of Toledo.									
Ottawa County									
Williston	**29**	**1300EST**			**0**	**0**			**Hail (1.00)**
Seneca County									
Fostoria	**29**	**1338EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Thunderstorm winds downed five large trees.									

Storm Data and Unusual Weather Phenomena

July 2000

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
OHIO, North									
Erie County									
Castalia	**29**	**1530EST**			**0**	**0**			**Flood**
Thunderstorms dumped 4 to 6 inches of rain on western Erie County during the afternoon hours with most of the rain falling between 3 and 5 pm. Widespread street flooding was reported in Castalia with up to 18 inches of water on State Route 269. State Route 269 had to be closed for nearly 24 hours because of the high water and extensive flood debris.									
Huron County									
Norwalk	**29**	**1630EST** **1930EST**			**0**	**0**	**500K**		**Flash Flood**
Thunderstorms dumped torrential rain on Norwalk during the late afternoon and early evening hours. 4.87 inches of rain was measured in Norwalk with 3 inches of that total falling in a 20 minute period around 530 pm. All streets in downtown Norwalk had to be closed because of water up to three feet deep. A car was washed off of a road in Lemar Lake Park. The vehicle became submerged in 5 feet of water. The driver of the car was rescued by fire fighters. Several roads in Norwalk were washed out. Many cars and homes sustained flooding damage.									
Huron County									
Norwalk	**29**	**1630EST**			**0**	**0**	**75K**		**Thunderstorm Wind**
Thunderstorm winds toppled two large cinder block walls at a school construction site.									
OHIO, Northwest									
Putnam County									
Pandora	**14**	**1140EST**			**0**	**0**			**Hail (0.75)**
Putnam County									
Pandora	**14**	**1145EST**			**0**	**0**			**Hail (1.00)**
Defiance County									
Defiance	**28**	**1215EST**			**0**	**0**			**Hail (0.75)**
OHIO, Southeast									
Jackson County									
Wellston	**10**	**1510EST**			**0**	**0**			**Hail (1.00)**
Vinton County									
Hamden	**10**	**1510EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Jackson County									
4 NW Oak Hill to 1 W Oak Hill	**10**	**1555EST** **1605EST**			**0**	**0**	**150K**		**Thunderstorm Wind**
Numerous locations in Jefferson Township had uprooted trees or the tops of the trees snapped off. Funneling of the wind through the valleys exposed to the northwest, or across nearby open areas, enhanced the wind. From the damage surveyed, gusts were estimated between 60 and 70 mph by the National Weather Service survey team. One concentration of tree damage was near the intersection of Four Mile Road and Dark Hollow Road. Another area of tree damage was along Dan Davis Road near Hewitt Run. At one resident's home along Dan Davis Road, fallen trees damaged their pickup truck and car. Along Franklin Valley Road, a resident's flag pole was bent by the wind, while a flag was flying. At least one home along Jackson Lake State Reserve was damaged by fallen trees.									
Jackson County									
Jackson to 4 NE Oak Hill	**10**	**1615EST** **1800EST**			**0**	**0**	**15K**		**Flash Flood**
Rains of 2 to 3 inches in less than 3 hours caused basement flooding in the town of Jackson and caused streams to block roads in Madison Township.									
Gallia County									
2 W Gallipolis	**10**	**1625EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Large tree branches were blown down along Route 588.									
Gallia County									
3 S Mercerville	**10**	**1745EST** **2000EST**			**0**	**0**	**5K**		**Flash Flood**
Indian Guyan Creek flooded portions of Route 218. Rains of 1.5 to 2 inches were common in less than 3 hours.									
Lawrence County									
2 NE Ironton	**10**	**2230EST** **2300EST**			**0**	**0**	**2K**		**Flash Flood**
Routes 93 and 141 were flooded by small streams, such as Storms Creek.									
Lawrence County									
.5 E Scottown	**11**	**1400EST**			**1**	**0**			**High Water**
An eleven year old boy drowned in Indian Guyan Creek, swollen by the rains of the preceding evening. Rains of 2 to 3 inches were common in the vicinity, with Lesage measuring 3.1 inches, Willow Wood at 2.35 inches and Hogsett, West Virginia with 2.48 inches. The location was near the covered bridge at the junction of Routes 217 and 67. According to the Windsor Township Fire Chief, the boy waded through shallow water, only to step off the bank into much deeper water. After the water levels had receded, his body was found a few days later, about a mile downstream. M11IW									
Jackson County									
6 NW Jackson to 3 NW Jackson	**14**	**1630EST** **1640EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Several trees and large branches were down in the Limerick to Oakland region.									

Storm Data and Unusual Weather Phenomena

July 2000

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
OHIO, Southeast									
Jackson County									
Jackson	**14**	**1652EST**			**0**	**0**	**50K**		**Hail (1.00)**
The sheriff's department and the public both reported large hail that damaged a few vehicles.									
Jackson County									
4 W Jackson to 2 W Jackson	**14**	**1705EST**			**0**	**0**	**100K**		**Thunderstorm Wind**
Trees were knocked down along Beaver Pike and around Hammertown Lake. Furniture blew through one window of a house. At least one house sustained roof damage.									
Gallia County									
Gallipolis to 5 S Centenary	**14**	**1740EST 1745EST**			**0**	**0**	**20K**		**Thunderstorm Wind**
Trees were blown down from Gallipolis through Centenary and on south, into Harrison Township near Angel.									
Perry County									
Somerset	**27**	**1945EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
A few trees and several large branches were fallen.									
Lawrence County									
Pedro	**28**	**1300EST**			**0**	**0**			**Hail (1.00)**
OHIO, Southwest									
Brown County									
Sardinia	**03**	**1400EST 1405EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
Numerous trees downed.									
Adams County									
Countywide	**03**	**1600EST 1610EST**			**0**	**0**	**10K**		**Thunderstorm Wind (G50)**
Numerous trees were knocked down across the county, one of which fell on a roof.									
Montgomery County									
Dayton	**03**	**1650EST 1655EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
Trees knocked down.									
Clark County									
Medway to Park Layne	**03**	**1655EST 1700EST**			**0**	**0**	**25K**		**Thunderstorm Wind (G60)**
Numerous trees and large limbs were knocked down in a 3/4 mile long path.									
Greene County									
Beavercreek	**03**	**1710EST 1715EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
Several trees were knocked down in Beavercreek.									
Clinton County									
4 S Wilmington	**03**	**2222EST**			**0**	**0**	**5K**		**Flood**
	04	**0015EST**							
Three inches of rain in just a few hours caused flooding across State Route 134 at Brown Road. A few creeks exceeded their banks.									
Adams County									
2 NE Rome	**04**	**1650EST 1655EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
Trees knocked down.									
Brown County									
2 S Mt Orab	**04**	**1826EST**	**0.1**	**50**	**0**	**0**			**Tornado (F0)**
A tornado made a brief touch down in a field. No damage occurred with this tornado.									
Clermont County									
Bethel to Williamsburg	**04**	**1930EST**			**0**	**0**	**5K**		**Flood**
Heavy rainfall caused flooded roads between Bethel and Williamsburg.									
Montgomery County									
Germantown	**05**	**0930EST 1015EST**			**0**	**0**	**15K**		**Flood**
Several hours of heavy rainfall caused roads to be flooded. One vehicle became stranded in the high water.									
Preble County									
2 S Eaton to Gratis	**05**	**0930EST 1015EST**			**0**	**0**	**5K**		**Flood**
Over 2 inches of rain fell in just a few hours causing roads to become flooded.									
Ross County									
Bainbridge	**10**	**1450EST 1455EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**

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
OHIO, Southwest									
		Numerous trees knocked down.							
Highland County									
Highland	**10**	**1500EST**			**0**	**0**	**5K**		**Hail (1.75)**
		1505EST							
		Golfball-size hail fell and some trees were knocked down by strong winds.							
Adams County									
Seaman	**10**	**1845EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
		1850EST							
		Numerous trees knocked down.							
Hamilton County									
Forestville	**10**	**1930EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
		1935EST							
		Strong winds knocked down several trees, some of which fell across State Route 125.							
Butler County									
Bethany	**10**	**1730EST**			**1**	**0**			**Lightning**
	M64GF								
Hardin County									
4 SE Ada to	**14**	**1228EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
Foraker		**1240EST**							
		Several trees were knocked down between McGuffy and Foraker. Also, .75 inch diameter hail occurred 4 miles southeast of Ada.							
Hardin County									
Patterson	**14**	**1255EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
		1300EST							
		Numerous trees were knocked down and .75 inch diameter hail fell.							
Clark County									
New Carlisle	**14**	**1315EST**			**0**	**0**			**Hail (1.75)**
		1320EST							
Union County									
Raymond to	**14**	**1315EST**			**0**	**0**			**Hail (1.75)**
Broadway		**1325EST**							
Greene County									
Fairborn to	**14**	**1325EST**			**0**	**0**	**50K**		**Thunderstorm Wind (G50)**
Yellow Spgs		**1335EST**							
		Thunderstorm winds knocked down numerous trees. Two of the trees fell on homes in Fairborn causing major damage to one home.							
Butler County									
Hamilton to	**14**	**1345EST**			**0**	**0**	**30K**		**Thunderstorm Wind (G50)**
Fairfield		**1355EST**							
		Hundreds of trees and some power lines were downed. Some of the trees fell across State Route 4, to the southeast of Hamilton. Power was out to around 30,000 customers shortly after the storm.							
Union County									
Marysville	**14**	**1350EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
		1355EST							
		Several trees downed.							
Hamilton County									
Springdale to	**14**	**1405EST**			**0**	**0**	**500K**		**Thunderstorm Wind (G60)**
Lockland		**1420EST**							
		A large supercell moved across the northeastern parts of the county causing widespread damage. Trees and/or power lines were downed in Springdale, Sharonville, Glendale, and Wyoming. A roof was blown off a manufactoring plant onto Interstate 75 in Lockland. In addition, three-quarter inch diameter hail occurred in Blue Ash and 1 inch diameter fell in Sharonville.							
Delaware County									
Delaware	**14**	**1407EST**			**0**	**0**			**Hail (1.00)**
Franklin County									
2 E Dublin to	**14**	**1420EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
Westerville		**1443EST**							
		Strong winds caused downed trees just east of Dublin. Also, dime size hail occurred in Columbus, Hilliard, and Westerville.							
Fayette County									
Washington Court Hou	**14**	**1430EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
		1435EST							
		Numerous trees downed.							
Clermont County									
Newtonsville	**14**	**1445EST**			**0**	**0**			**Hail (0.75)**
Hamilton County									
Mariemont to	**14**	**1445EST**			**0**	**0**	**25K**		**Hail (1.75)**
2 S Mt Washington		**1455EST**							

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

OHIO, Southwest

A supercell reintensified over the southeastern part of the county creating hail to golfball size at Mariemont and to quarter size near Ashbury. Trees were also blown down in Mariemont.

Clermont County

Felicity	**14**	**1500EST** **1510EST**			**0**	**0**	**100K**	**500K**	**Hail (2.50)**

A supercell dropped hail for more than 10 minutes around Felicity. The largest hail during that period was the size of tennis balls. Significant damage occurred to tobacco and corn crops in the area. Also, some damage occurred to both car windows and house windows.

Licking County

2 N Granville to 5 NE Granville	**14**	**1500EST** **1510EST**			**0**	**0**	**50K**		**Thunderstorm Wind (G60)**

Thunderstorm winds knocked down from 200 to 300 trees on a 5 mile path north and northeast of Granville. Nickel size hail also occurred in Newark.

Ross County

Austin to Chillicothe	**14**	**1530EST** **1535EST**			**0**	**0**	**10K**		**Thunderstorm Wind (G50)**

Numerous trees downed.

Brown County

Higginsport	**14**	**1535EST** **1555EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**

Trees and power lines downed.

Fayette County

3 SE Jeffersonville	**14**	**1551EST** **1555EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**

Numerous trees downed.

Ross County

Richmond Dale	**14**	**1620EST** **1625EST**			**0**	**0**			**Hail (1.75)**

Pike County

2 NE Omega	**14**	**1625EST** **1630EST**			**0**	**0**	**3K**		**Thunderstorm Wind (G50)**

Several large limbs downed.

Adams County

Manchester	**14**	**1730EST** **1735EST**			**0**	**0**	**3K**		**Thunderstorm Wind (G50)**

Several trees knocked down.

Delaware County

2 NE Delaware	**14**	**1830EST** **1835EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**

Trees and power lines downed.

Franklin County

Countywide	**14**	**1845EST** **1855EST**			**0**	**0**	**10K**		**Thunderstorm Wind (G50)**

Trees down across the county.

Licking County

Newark	**14**	**1915EST** **1920EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**

Trees and power lines downed to the northwest of Newark.

Brown County

Higginsport	**26**	**1500EST** **1505EST**			**0**	**0**	**100K**		**Thunderstorm Wind (G50)**

Thunderstorm winds caused damage at the White Oak Creek Marina. Numerous trees were knocked down, several of which fell on campers and boats.

Licking County

2 N Newark Heath Arpt	**27**	**2000EST** **2010EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**

Trees were knocked down by thunderstorm winds.

Scioto County

Owensville to Minford	**28**	**0535EST** **0545EST**			**0**	**0**	**25K**		**Thunderstorm Wind (G50)**

More than 200 trees downed, mainly along Route 104 near Owensville.

Preble County

Gettysburg	**28**	**1125EST** **1130EST**			**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
OHIO, Southwest									
Adams County									
Manchester	**28**	**1140EST** **1145EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
Trees knocked down.									
Scioto County									
Otway to Portsmouth	**28**	**1215EST** **1240EST**			**0**	**0**	**5K**		**Hail (1.00)**
A thunderstorm dropped dime size hail in Otway and quarter size hail in Portsmouth. A few trees were knocked down in South Webster.									
Pike County									
Waverly	**28**	**1240EST** **1245EST**			**0**	**0**			**Hail (0.75)**
Miami County									
Troy	**28**	**1245EST** **1250EST**			**0**	**0**	**10K**		**Thunderstorm Wind (G50)**
Numerous trees and power lines were knocked down, some of them across roads.									
Franklin County									
Columbus Oh St Univ	**28**	**1250EST** **1255EST**			**0**	**0**			**Hail (0.88)**
Fairfield County									
3 N Sugar Grove	**28**	**1350EST** **1355EST**			**0**	**0**			**Hail (0.75)**
Miami County									
Covington	**28**	**1627EST** **1630EST**			**0**	**0**			**Hail (0.75)**
Champaign County									
Spring Hills	**28**	**1710EST** **1715EST**			**0**	**0**			**Hail (0.75)**
Champaign County									
Urbana	**28**	**1805EST** **1810EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
Trees and power lines knocked down.									
Clark County									
Springfield	**28**	**1835EST** **1840EST**			**0**	**0**			**Hail (1.00)**
Licking County									
Utica	**28**	**2025EST** **2030EST**			**0**	**0**	**5K**		**Thunderstorm Wind (G50)**
Trees knocked down by thunderstorm winds.									
OKLAHOMA, Eastern									
Craig County									
Welch	**12**	**1815CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind (G52)**
60 mile an hour thunderstorm winds blew down several tree limbs.									
Rogers County									
3 E Collinsville	**12**	**2030CST**			**0**	**0**			**Hail (0.75)**
Tulsa County									
2 S Collinsville	**12**	**2040CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down a wooden fence.									
Creek County									
Drumright	**12**	**2240CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Thunderstorm winds blew down several trees and power lines.									
Osage County									
Fairfax	**20**	**0555CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down several large tree limbs.									
Pawnee County									
Pawnee	**20**	**0605CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down several large tree limbs.									
Osage County									
4 N Hominy	**20**	**0612CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G61)**
A spotter reported that thunderstorm winds in excess of 70 miles an hour blew a shed off of its foundation.									
Creek County									
Mannford	**20**	**0630CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Thunderstorm winds blew several large tree limbs and power lines down.									

Storm Data and Unusual Weather Phenomena

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
OKLAHOMA, Eastern									
Tulsa County									
Tulsa	**20**	**0635CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Thunderstorm winds blew down several power lines in the north part of Tulsa.									
Ottawa County									
Miami	**20**	**0640CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down several large tree limbs.									
Tulsa County									
Broken Arrow	**20**	**0640CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Thunderstorm winds blew down several large tree limbs and power lines.									
Mayes County									
1 W Pryor	**20**	**0650CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down several large tree limbs.									
Rogers County									
7 NE Foyil	**20**	**0700CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down several large tree limbs in Chelsea.									
Mayes County									
2 W Adair	**20**	**0703CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Delaware County									
Zena	**20**	**0710CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Thunderstorm winds blew down power lines.									
Delaware County									
8 W Jay	**20**	**0720CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew tree down onto State Highway 28.									
Mayes County									
Locust Grove	**20**	**0720CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew tree down onto State Highway 82.									
Mayes County									
5 S Pryor	**20**	**0725CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Thunderstorm winds damaged a mobile home.									
Delaware County									
1 NE Colcord	**20**	**0730CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down a large tree.									
Delaware County									
2 S Leach	**20**	**0730CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down a large tree.									
Cherokee County									
5 N Scraper	**20**	**0740CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down large trees.									
Adair County									
Christie	**20**	**0755CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down a few large trees.									
Adair County									
7 SW Stilwell	**20**	**0755CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down a few large tree.									
Creek County									
2 N Bristow	**21**	**0300CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Thunderstorm winds blew a garage door out and also blew the roof off an out building.									
Creek County									
Bristow	**21**	**0300CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down a few trees on the north side of Bristow.									
Mayes County									
4 E Pryor	**21**	**0710CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Okfuskee County									
Bearden	**22**	**0520CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down several large tree limbs.									
Mcintosh County									
Hanna	**22**	**0530CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down several large tree limbs.									
Pittsburg County									
Haywood	**22**	**0545CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Choctaw County									
Hugo	**22**	**0710CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm winds blew down several large tree limbs.									

Storm Data and Unusual Weather Phenomena

July 2000

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
OKLAHOMA, Eastern									
Tulsa County									
3 W Bixby	**27**	**0530CST**			**0**	**0**			**Hail (0.88)**
Okmulgee County									
Beggs	**27**	**0600CST** **0615CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind (G65)**
75 mile an hour thunderstorm winds blew down tree limbs and power lines.									
Okfuskee County									
5 SE Okfuskee	**27**	**0630CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Rogers County									
1 S Claremore	**27**	**0920CST**			**0**	**0**			**Hail (1.00)**
Mayes County									
Salina	**29**	**0130CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Thunderstorm wind blew tree limbs down.									
OKLAHOMA, Extreme Southeast									
NONE REPORTED.									
OKLAHOMA, Panhandle									
Texas County									
19 NW Guymon	**02**	**2325CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G61)**
Shingles were reported blown off of roofs and siding was blown off along with tree limbs down. A severe thunderstorm developed across the central Oklahoma panhandle during the late night hours which produced damaging winds.									
Texas County									
2.5 S Eva	**11**	**2110CST**			**0**	**0**			**Hail (0.88)**
A severe thunderstorm developed during the late evening hours producing large hail over the central Oklahoma panhandle.									
Cimarron County									
Felt	**17**	**1830CST** **1845CST**			**0**	**0**			**Thunderstorm Wind (G56)**
A severe thunderstorm producing high winds developed during the evening hours across the western Oklahoma panhandle.									
Texas County									
2 E Goodwell	**20**	**2045CST** **2050CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Texas County									
(Guy)Guymon Muni Arp	**20**	**2100CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Texas County									
1 W Hooker	**20**	**2100CST**			**0**	**0**			**Thunderstorm Wind (G57) M**
Texas County									
1 W Hooker	**20**	**2105CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Texas County									
Hooker	**20**	**2117CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Texas County									
Tyrone	**20**	**2122CST**			**0**	**0**	**95K**		**Thunderstorm Wind (G52)**
Fifteen railroad cars were blown over by the high winds.									
Beaver County									
Balko	**20**	**2150CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Beaver County									
Beaver	**20**	**2200CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Fire Department reported four to five inch diameter tree limbs down.									
Beaver County									
1 SSW Beaver	**20**	**2200CST**			**0**	**0**			**Thunderstorm Wind (G61) M**
Beaver County									
8 W Slapout	**20**	**2220CST** **2225CST**			**0**	**0**			**Thunderstorm Wind (G60) M**
Severe thunderstorms with damaging winds ripped through the central and eastern Oklahoma panhandle during the late evening hours.									
Beaver County									
1 SSW Beaver	**22**	**0010CST** **0015CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
A severe thunderstorm over the eastern section of the Oklahoma panhandle during the late night and early morning hours produced high winds.									
OKLAHOMA, Western, Central and Southeast									
Payne County									
7 S Glencoe	**03**	**0555CST**			**0**	**0**			**Flash Flood**

Storm Data and Unusual Weather Phenomena

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
OKLAHOMA, Western, Central and Southeast									
	County roads were covered by 1 foot of water. Radar rainfall estimates showed between 4 and 8 inches of rain fell in the flooded area.								
Washita County									
3 SW Colony	**03**	**1105CST**			**0**	**0**	**10K**		**Lightning**
	Lightning struck the roof of a house causing a fire which destroyed a portion of the attic.								
Cotton County									
Randlett	**12**	**1740CST**			**0**	**0**			**Hail (0.75)**
Cotton County									
Randlett	**12**	**1740CST**			**0**	**0**	**0.01K**		**Thunderstorm Wind (G61)**
	Large tree limbs were downed.								
Cotton County									
Randlett	**12**	**1750CST**			**0**	**0**	**40K**		**Thunderstorm Wind**
	Four mobile homes were destroyed, one which was occupied, and several power poles were downed. In addition, scattered areas of window and shingle damage occurred.								
Johnston County									
Mannsville	**13**	**1550CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
	Several small trees were downed.								
Alfalfa County									
Amorita	**16**	**1930CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Alfalfa County									
3 W Ingersoll	**16**	**1930CST**			**0**	**0**	**20K**		**Lightning**
	Lightning struck an oil tank 3 miles west of Ingersoll, causing it to explode.								
Harper County									
11 NNE Selman	**18**	**0000CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Grant County									
Wakita	**20**	**0440CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
	Power poles were downed.								
Grant County									
5 NW Medford	**20**	**0445CST**			**0**	**0**	**4K**		**Thunderstorm Wind**
	The top of a grain storage bin was damaged.								
Grant County									
1 S Medford	**20**	**0450CST**			**0**	**0**			**Thunderstorm Wind (G57) M**
	Wind was measured by the Oklahoma mesonet.								
Garfield County									
3 S Kremlin	**20**	**0455CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
	A wall was damaged at Great Lakes Carbon Plant.								
Garfield County									
Lahoma	**20**	**0500CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
	Large trees were downed, and a house roof sustained minor damage.								
Garfield County									
3 N Lahoma	**20**	**0500CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
	Large trees were downed, blocking a road.								
Grant County									
2 SW Salt Fork	**20**	**0502CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
	A large piece of farm equipment was blown over; two large feeder bins were blown about 1000 yards; two barn doors were blown off their hinges, and a storgage shed was destroyed.								
Garfield County									
Hunter	**20**	**0505CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
	Four power poles and numerous trees were downed. Damage was also sustained to a tin building, and a large plate glass window was blown out.								
Garfield County									
Waukomis	**20**	**0505CST**			**0**	**0**	**2.1K**		**Thunderstorm Wind**
	Trees and power poles were downed.								
Garfield County									
Enid	**20**	**0510CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
	Trees and power lines were downed.								
Garfield County									
3 SE Breckinridge	**20**	**0515CST**			**0**	**0**			**Thunderstorm Wind (G53) M**
	Wind was measured by the Oklahoma mesonet.								
Garfield County									
Garber	**20**	**0515CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
	Power poles were blown over.								
Kay County									
2 N Ponca City	**20**	**0516CST**			**0**	**0**			**Thunderstorm Wind (G60) M**

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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
OKLAHOMA, Western, Central and Southeast									
Kay County									
Ponca City	**20**	**0516CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
Large trees were downed on Princeton Avenue.									
Noble County									
Perry	**20**	**0530CST**			**0**	**0**	**0.20K**		**Thunderstorm Wind (G56) M**
Trees were downed. Wind gust was measured at Perry Airport.									
Noble County									
7 SSE Red Rock	**20**	**0530CST**			**0**	**0**			**Thunderstorm Wind (G54) M**
Wind was measured by the Oklahoma mesonet.									
Payne County									
Cushing	**20**	**0607CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Payne County									
1 S Ripley	**20**	**0620CST**			**0**	**0**	**0.20K**		**Thunderstorm Wind**
Trees were downed.									
Lincoln County									
Chandler	**20**	**0640CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
A large tree was blown over at Chandler Methodist Church Parsonage with tree branches falling on a car, breaking the windshield. Damage resulted from a line of severe thunderstorms which moved southward out of central Kansas and entered north central Oklahoma during the early morning of the 20th.									
Harper County									
1 SW Buffalo	**20**	**2255CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Wind was measured by the Oklahoma mesonet.									
Harper County									
1 SW Buffalo	**20**	**2300CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Wind was measured by the Oklahoma mesonet.									
Harper County									
1 SW Buffalo	**20**	**2305CST**			**0**	**0**			**Thunderstorm Wind (G54) M**
Wind was measured by the Oklahoma mesonet.									
Ellis County									
Gage	**20**	**2317CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Woods County									
16 NNE Freedom	**20**	**2335CST**			**0**	**0**			**Thunderstorm Wind (G61) M**
Wind was measured by the Oklahoma mesonet.									
Woods County									
16 NNE Freedom	**20**	**2340CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
		2345CST							
Wind was measured by the Oklahoma mesonet.									
Woods County									
2 S Alva	**21**	**0000CST**			**0**	**0**			**Thunderstorm Wind (G53) M**
Wind was measured by the Oklahoma mesonet.									
Alfalfa County									
10 NW Cherokee	**21**	**0010CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G52)**
A barn was blown over.									
Harper County									
1 SW Buffalo	**21**	**0015CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Wind was measured by the Oklahoma mesonet.									
Harper County									
1 SW Buffalo	**21**	**0020CST**			**0**	**0**			**Thunderstorm Wind (G56) M**
Wind was measured by the Oklahoma mesonet.									
Alfalfa County									
1 SW Cherokee	**21**	**0025CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Wind was measured by the Oklahoma mesonet.									
Dewey County									
3 N Putnam	**21**	**0040CST**			**0**	**0**			**Thunderstorm Wind (G60) M**
Wind was measured by the Oklahoma mesonet.									
Major County									
Fairview	**21**	**0045CST**			**0**	**0**	**0.20K**		**Thunderstorm Wind (G52)**
Trees were downed.									
Woodward County									
20 NNE Woodward	**21**	**0045CST**			**0**	**0**			**Thunderstorm Wind (G55) M**
Wind was measured by the Oklahoma mesonet.									
Blaine County									
2 N Canton	**21**	**0055CST**			**0**	**0**			**Thunderstorm Wind (G61)**

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OKLAHOMA, Western, Central and Southeast									
Garfield County									
2 E Lahoma	**21**	**0055CST**			**0**	**0**			**Thunderstorm Wind (G69) M**
Blaine County									
Okeene	**21**	**0100CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
House roofs were damaged, and trees and power lines were downed.									
Blaine County									
Watonga	**21**	**0110CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Trees and power lines were downed.									
Woodward County									
20 NNE Woodward	**21**	**0115CST**			**0**	**0**			**Thunderstorm Wind (G76) M**
Wind was measured by the Oklahoma mesonet.									
Garfield County									
4 E Enid	**21**	**0116CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Kingfisher County									
2 NE Kingfisher	**21**	**0125CST**			**0**	**0**			**Thunderstorm Wind (G54) M**
Wind was measured by the Oklahoma mesonet.									
Kingfisher County									
Kingfisher	**21**	**0140CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Kingfisher County									
Okarche	**21**	**0140CST**			**0**	**0**	**0.01K**		**Thunderstorm Wind**
Large tree limbs were downed.									
Canadian County									
Calumet	**21**	**0145CST**			**0**	**0**	**150K**		**Thunderstorm Wind**
A grain bin was destroyed at Calumet Industries.									
Canadian County									
5 WNW El Reno	**21**	**0145CST**			**0**	**0**			**Thunderstorm Wind (G55) M**
Wind was measured by the Oklahoma mesonet.									
Logan County									
Guthrie	**21**	**0145CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Noble County									
Billings	**21**	**0145CST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Numerous trees were downed, and damage was sustained to a house roof.									
Canadian County									
El Reno	**21**	**0150CST**			**0**	**0**	**2.5K**		**Thunderstorm Wind (G61)**
Trees were downed in the 300 block of South Robert Avenue, and a sign was damaged at Mazzio's Pizza on Country Club Road.									
Canadian County									
5 WNW El Reno	**21**	**0150CST**			**0**	**0**			**Thunderstorm Wind (G56) M**
Wind was measured by the Oklahoma mesonet.									
Canadian County									
Piedmont	**21**	**0150CST**			**0**	**0**	**7K**		**Thunderstorm Wind**
Trees were downed at a local golf course, and a large sign was destroyed at the First Church of the Nazarene.									
Oklahoma County									
Bethany	**21**	**0150CST**			**0**	**0**	**75K**		**Thunderstorm Wind**
Several airplanes and hangars were damaged at Wiley Post Airport.									
Oklahoma County									
Edmond	**21**	**0150CST**			**0**	**0**	**50K**		**Thunderstorm Wind (G65)**
Widespread damage occurred to trees and house roofs, however damage to roofs consisted mostly of shingle damage. More significant damage was sustained to the roof at Edmond Memorial High School, along with downed light poles.									
Oklahoma County									
Nichols Hills	**21**	**0150CST**			**0**	**0**	**20K**		**Thunderstorm Wind**
Massive damage was sustained to trees across the city, and the roof of United Methodist Church was damaged.									
Oklahoma County									
Nicoma Park	**21**	**0150CST**			**0**	**0**			**Thunderstorm Wind (G63) M**
Oklahoma County									
Oklahoma City	**21**	**0150CST**			**0**	**0**	**2.3M**		**Thunderstorm Wind (G57) M**
Approximately 50 windows were either cracked or blown out at Integris Baptist Hospital, and numerous doors were blown off their hinges. Numerous large plate glass windows were also blown out at Landmark Towers near Northwest 58th and Portland, and also in other buildings nearby. The northeast corner of Evan's Furniture on South Portland Ave. was severely damaged by wind allowing rain to fall onto and ruin approximately 1700 pieces of furniture. Numerous walls and a portion of the carpet were also damaged. The roof was also peeled back at Henry Hudson's Pub on Northwest 58th, while at Citizens For Caring on Northeast 50th, the roof was peeled back, allowing rain to damage or destroy most of the interior. Also, numerous power poles were downed on Wilshire Blvd. just east of County Line Road. Overall, the most concentrated area of significant structural damage occurred between Council Road and Sooner Road, extending northward toward Edmond, which is in north Oklahoma County.									

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
OKLAHOMA, Western, Central and Southeast									
Oklahoma County									
Lake Hefner	**21**	**0200CST**			**0**	**0**	**15K**		**Thunderstorm Wind (G63) M**
A 40-foot sailboat was blown off a trailer.									
Grady County									
2 SSW Minco	**21**	**0205CST**			**0**	**0**			**Thunderstorm Wind (G73) M**
Wind was measured by the Oklahoma mesonet.									
Grady County									
Tuttle	**21**	**0205CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Trees were downed near the intersection of Marigold and Highway 37.									
Noble County									
Perry	**21**	**0215CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G53) M**
A door was blown off a hangar at Perry Airport.									
Cleveland County									
Norman	**21**	**0220CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
A tree was downed near SE 12th and Classen Blvd., and numerous stockage fences were damaged.									
Noble County									
Perry	**21**	**0220CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Large tree limbs and power lines were downed.									
Cleveland County									
Norman	**21**	**0225CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Lincoln County									
4 W Tryon	**21**	**0225CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Grady County									
Chickasha	**21**	**0230CST**			**0**	**0**	**20K**		**Thunderstorm Wind**
A tree was blown over onto a house and van, and power lines were downed.									
Payne County									
Stillwater	**21**	**0240CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Mcclain County									
Purcell	**21**	**0250CST**			**0**	**0**			**Thunderstorm Wind (G69)**
Pottawatomie County									
Shawnee	**21**	**0250CST**			**0**	**0**	**0.01K**		**Thunderstorm Wind**
Large tree limbs were downed, blocking numerous roads.									
Pottawatomie County									
Tecumseh	**21**	**0250CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
A tree was downed on East Main Street.									
Seminole County									
Seminole	**21**	**0305CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Power lines were downed.									
Hughes County									
Holdenville	**21**	**0320CST**			**0**	**0**	**30K**		**Thunderstorm Wind**
Damage was sustained to roofs, trees, and power poles on Eastern Hills Road.									
Hughes County									
5 SE Holdenville	**21**	**0325CST**			**0**	**0**	**30K**		**Thunderstorm Wind**
An RV was blown over at Lake Holdenville, which is 5 miles southeast of Holdenville. In addition, trees and power poles were downed, and numerous house roofs sustained minor structural damage.									
Garvin County									
Stratford	**21**	**0330CST**			**0**	**0**	**0.20K**		**Thunderstorm Wind**
Trees were downed.									
Garvin County									
Wynnewood	**21**	**0340CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Trees were downed.									
Pontotoc County									
4 S Ada	**21**	**0345CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Damage was sustained to a driveway entrance and a porch light fixture. For the second night in a row a large line of severe thunderstorms move out of Kansas into Oklahoma during the overnight hours. This line of thunderstorms produced widespread straight-line damage along its path as it entered northwest Oklahoma around 2300 CST on the 20th and moved southeastward toward central Oklahoma through the early morning of the 21st. Although no fatalities or injuries occurred as a direct result of the severe thunderstorms, millions of dollars in property damage was observed. The most widespread and significant damage was observed across Oklahoma County, particularly the Oklahoma City metropolitan area where approximately 75,000 customers were left without power.									
Harper County									
Laverne	**22**	**0043CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Harper County									
1 SW Buffalo	**22**	**0050CST**			**0**	**0**			**Thunderstorm Wind (G53) M**

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
OKLAHOMA, Western, Central and Southeast									
		Wind was measured by the Oklahoma mesonet.							
Harper County									
1 SW Buffalo	**22**	**0055CST**			**0**	**0**			**Thunderstorm Wind (G54) M**
		Wind was measured by the Oklahoma mesonet.							
Harper County									
1 SW Buffalo	**22**	**0100CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
		Wind was measured by the Oklahoma mesonet.							
Woodward County									
20 NNE Woodward	**22**	**0115CST**			**0**	**0**			**Thunderstorm Wind (G76) M**
		Wind was measured by the Oklahoma mesonet.							
Woodward County									
1 W Mooreland	**22**	**0120CST**			**0**	**0**	**100K**		**Thunderstorm Wind**
		Two cooling towers were heavily damaged at Western Farmers Cooperative Electric.							
Woodward County									
20 NNE Woodward	**22**	**0120CST**			**0**	**0**			**Thunderstorm Wind (G54) M**
		Wind was measured by the Oklahoma mesonet.							
Woodward County									
Woodward	**22**	**0120CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Woodward County									
1 N Mooreland	**22**	**0123CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
		Minor structural damage was sustained to the administrative building at Mooreland Airport.							
Woods County									
2 S Alva	**22**	**0125CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
		Wind was measured by the Oklahoma mesonet.							
Woods County									
Alva	**22**	**0125CST**			**0**	**0**	**55K**		**Thunderstorm Wind (G61)**
		A house and business were destroyed when their roofs were blown off, and numerous trees and power lines were downed.							
Woods County									
1 E Alva	**22**	**0125CST**			**0**	**0**	**15K**		**Thunderstorm Wind**
		A mobile home was blown over.							
Woods County									
Freedom	**22**	**0125CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Woodward County									
20 NNE Woodward	**22**	**0125CST**			**0**	**0**			**Thunderstorm Wind (G53) M**
		Wind was measured by the Oklahoma mesonet.							
Woodward County									
Woodward	**22**	**0129CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
		Trees were downed.							
Woods County									
2 S Alva	**22**	**0130CST**			**0**	**0**			**Thunderstorm Wind (G54) M**
		Wind was measured by the Oklahoma mesonet.							
Woodward County									
Mooreland	**22**	**0130CST**			**0**	**0**	**20K**		**Thunderstorm Wind**
		Numerous trees and power poles were downed, and damage was sustained to the brick corner of Mooreland High School.							
Woods County									
2 S Alva	**22**	**0135CST**			**0**	**0**			**Thunderstorm Wind (G68) M**
		Wind was measured by the Oklahoma mesonet.							
Woods County									
2 S Alva to 21 S Alva	**22**	**0140CST**			**0**	**0**			**Thunderstorm Wind (G58) M**
		Wind was measured by the Oklahoma mesonet.							
Woods County									
2 S Alva	**22**	**0145CST**			**0**	**0**			**Thunderstorm Wind (G58) M**
		Wind was measured by the Oklahoma mesonet.							
Dewey County									
Vici	**22**	**0150CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		An 80-foot television tower was blown over.							
Woods County									
2 S Alva	**22**	**0150CST**			**0**	**0**			**Thunderstorm Wind (G57) M**
		Wind was measured by the Oklahoma mesonet.							
Dewey County									
4 WNW Camargo	**22**	**0155CST**			**0**	**0**			**Thunderstorm Wind (G53) M**
		Wind was measured by the Oklahoma mesonet.							

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OKLAHOMA, Western, Central and Southeast									
Woods County									
2 S Alva	**22**	**0155CST**			**0**	**0**			**Thunderstorm Wind (G50) M**
Wind was measured by the Oklahoma mesonet.									
Alfalfa County									
1 SW Cherokee	**22**	**0200CST**			**0**	**0**			**Thunderstorm Wind (G69) M**
Wind was measured by the Oklahoma mesonet.									
Alfalfa County									
Cherokee	**22**	**0205CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Dewey County									
3 N Putnam	**22**	**0210CST**			**0**	**0**			**Thunderstorm Wind (G50) M**
Wind was measured by the Oklahoma mesonet.									
Major County									
Fairview	**22**	**0210CST**			**0**	**0**	**6K**		**Thunderstorm Wind**
A large plate glass window was broken at Pratt's on West Central Avenue, and power poles were downed.									
Alfalfa County									
Cherokee	**22**	**0215CST**			**0**	**0**	**75K**		**Thunderstorm Wind (G87)**
The roof sustained damage at Cherokee Station and Jiffy Trip. A sign was damaged at Cherokee Inn. Corrals were blown over at Wilson's, and storage buildings and fences were downed.									
Alfalfa County									
7 W Cherokee	**22**	**0215CST**			**0**	**0**	**15K**		**Thunderstorm Wind**
A building sustained damage at Western Farmers Cooperative Electric.									
Alfalfa County									
Carmen	**22**	**0220CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Twelve utility poles were downed.									
Alfalfa County									
Helena	**22**	**0220CST**			**0**	**0**	**20K**		**Thunderstorm Wind**
Power poles were downed, and structural damage was sustained to numerous buildings.									
Alfalfa County									
Lambert	**22**	**0220CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Twelve utility poles were downed.									
Alfalfa County									
Yewed	**22**	**0220CST**			**0**	**0**	**25K**		**Thunderstorm Wind**
An empty grain elevator was blown over.									
Blaine County									
Canton	**22**	**0222CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Dewey County									
Taloga	**22**	**0225CST**			**0**	**0**			**Thunderstorm Wind (G69)**
Garfield County									
Enid	**22**	**0230CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Power poles were downed.									
Kingfisher County									
Hennessey	**22**	**0230CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Trees were downed on Cheyenne Street and East Colorado Street, and barns were blown over.									
Major County									
Cleo Spgs	**22**	**0230CST**			**0**	**0**	**0.20K**		**Thunderstorm Wind**
Trees were downed.									
Major County									
4 E Meno	**22**	**0230CST**			**0**	**0**			**Thunderstorm Wind (G69) M**
Wind was measured by the Oklahoma mesonet.									
Major County									
Orienta	**22**	**0230CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
An awning was damaged at Summer Brothers Convenience Store.									
Major County									
Ringwood	**22**	**0230CST**			**0**	**0**	**0.20K**		**Thunderstorm Wind (G52)**
Trees were downed.									
Garfield County									
Drummond	**22**	**0235CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Power poles were downed.									
Garfield County									
Lahoma	**22**	**0235CST**			**0**	**0**	**2K**		**Thunderstorm Wind (G69)**
Power poles were downed.									
Major County									
4 E Meno	**22**	**0235CST**			**0**	**0**			**Thunderstorm Wind (G62) M**
Wind was measured by the Oklahoma mesonet.									

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OKLAHOMA, Western, Central and Southeast									
Garfield County									
Bison	**22**	**0240CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Power poles were downed.									
Major County									
4 E Meno	**22**	**0240CST**			**0**	**0**			**Thunderstorm Wind (G60) M**
Wind was measured by the Oklahoma mesonet.									
Kingfisher County									
Kingfisher	**22**	**0243CST**			**0**	**0**			**Thunderstorm Wind (G69)**
Garfield County									
Waukomis	**22**	**0245CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Minor structural damage was sustained to house roofs.									
Major County									
4 E Meno	**22**	**0245CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Wind was measured by the Oklahoma mesonet.									
Kingfisher County									
2 NE Kingfisher	**22**	**0310CST**			**0**	**0**			**Thunderstorm Wind (G58) M**
Wind was measured by the Oklahoma mesonet.									
Canadian County									
El Reno	**22**	**0315CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Canadian County									
Okarche	**22**	**0315CST**			**0**	**0**	**0.01K**		**Thunderstorm Wind**
Large tree limbs were downed.									
Canadian County									
Piedmont	**22**	**0315CST**			**0**	**0**	**4K**		**Thunderstorm Wind**
The roof of a barn was blown off at the intersection of Fina Drive and Andy Avenue, and a garage door was blown inward.									
Canadian County									
Yukon	**22**	**0315CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Trees were downed, and an awning was damaged near Yukon Lumberyard.									
Kingfisher County									
2 NE Kingfisher	**22**	**0315CST**			**0**	**0**			**Thunderstorm Wind (G62) M**
Wind was measured by the Oklahoma mesonet.									
Kingfisher County									
Okarche	**22**	**0315CST**			**0**	**0**	**0.01K**		**Thunderstorm Wind**
Large tree limbs were downed.									
Logan County									
Crescent	**22**	**0315CST**			**0**	**0**			**Thunderstorm Wind (G56)**
Kingfisher County									
2 NE Kingfisher	**22**	**0320CST**			**0**	**0**			**Thunderstorm Wind (G59) M**
Wind was measured by the Oklahoma mesonet.									
Kingfisher County									
2 NE Kingfisher	**22**	**0325CST**			**0**	**0**			**Thunderstorm Wind (G54) M**
Wind was measured by the Oklahoma mesonet.									
Caddo County									
Anadarko	**22**	**0330CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Trees were downed.									
Grady County									
2 SSW Minco	**22**	**0330CST**			**0**	**0**			**Thunderstorm Wind (G54) M**
Wind was measured by the Oklahoma mesonet.									
Grady County									
2 SSW Minco	**22**	**0335CST**			**0**	**0**			**Thunderstorm Wind (G56) M**
Wind was measured by the Oklahoma mesonet.									
Mcclain County									
Blanchard	**22**	**0335CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind**
A large tree snapped in half on Sill Circle.									
Mcclain County									
Newcastle	**22**	**0335CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Oklahoma County									
Edmond	**22**	**0335CST**			**0**	**0**	**150K**		**Thunderstorm Wind**
Trees and power poles were downed city-wide.									
Caddo County									
Apache	**22**	**0340CST**			**0**	**0**			**Thunderstorm Wind (G53) M**
Wind was measured by the Oklahoma mesonet.									

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
OKLAHOMA, Western, Central and Southeast									
Grady County									
2 SSW Minco	**22**	**0340CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Wind was measured by the Oklahoma mesonet.									
Logan County									
4 WSW Guthrie	**22**	**0340CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Wind was measured by the Oklahoma mesonet.									
Logan County									
Guthrie	**22**	**0340CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Wind was measured by the Oklahoma mesonet.									
Caddo County									
4 ENE Apache	**22**	**0345CST**			**0**	**0**			**Thunderstorm Wind (G54) M**
Wind was measured by the Oklahoma mesonet.									
Grady County									
2 SSW Minco	**22**	**0345CST**			**0**	**0**			**Thunderstorm Wind (G57) M**
Wind was measured by the Oklahoma mesonet.									
Oklahoma County									
Nichols Hills	**22**	**0345CST**			**0**	**0**	**30K**		**Thunderstorm Wind**
Trees and power poles were downed city-wide.									
Oklahoma County									
8 N Oklahoma City	**22**	**0345CST**			**0**	**0**			**Thunderstorm Wind (G69) M**
Wind gust was measured at Quall Springs Mall.									
Oklahoma County									
Oklahoma City	**22**	**0345CST**			**0**	**0**	**3M**		**Thunderstorm Wind**
Widespread damage to trees and the network for electrical power was observed across Oklahoma City. The primary provider of electricity, Oklahoma Gas and Electric Company, estimated that 60,000 customers lost power, which when combined with power outages from the previous night, totaled nearly 110,000 customers over a 2-day period. The power company also estimated it would cost 3 million dollars to clean up fallen debris and restore electrical service.									
Oklahoma County									
The Vlg	**22**	**0348CST**			**0**	**0**			**Thunderstorm Wind (G69)**
Oklahoma County									
7 SW Oklahoma City	**22**	**0351CST**			**0**	**0**			**Thunderstorm Wind (G56) M**
Wind was measured at Will Rogers World Airport.									
Cleveland County									
Norman	**22**	**0400CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
A large tree snapped in half near Highway 9, and some fences were damaged across the city.									
Payne County									
Stillwater	**22**	**0400CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Two oak trees and one maple tree were downed.									
Logan County									
Coyle	**22**	**0405CST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Trees were downed.									
Lincoln County									
Wellston	**22**	**0410CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Oklahoma County									
Jones	**22**	**0410CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Cleveland County									
Noble	**22**	**0415CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Oklahoma County									
Choctaw	**22**	**0425CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Lincoln County									
3 NNE Sparks	**22**	**0430CST**			**0**	**0**			**Thunderstorm Wind (G50) M**
Wind was measured by the Oklahoma mesonet.									
Lincoln County									
Chandler	**22**	**0435CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Wind was measured by the Oklahoma mesonet.									
Lincoln County									
3 NNE Sparks	**22**	**0435CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Wind was measured by the Oklahoma mesonet.									
Pottawatomie County									
Tecumseh	**22**	**0440CST**			**0**	**0**	**0.10K**		**Thunderstorm Wind (G52)**
A stockage fence was blown down on East Locust Street.									
Cleveland County									
3 NW Moore	**22**	**0445CST**			**0**	**0**	**0.20K**		**Thunderstorm Wind**
Trees were downed near 104th, between Pennsylvania Avenue and Interstate 35.									

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
OKLAHOMA, Western, Central and Southeast									
Garvin County									
Pauls Valley	**22**	**0445CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Lincoln County									
Tryon	**22**	**0450CST**			**0**	**0**	**0.20K**		**Thunderstorm Wind**
A 30-foot pecan tree was blown over.									
Pottawatomie County									
3 NNW Shawnee	**22**	**0450CST**			**0**	**0**			**Thunderstorm Wind (G50) M**
Wind was measured by the Oklahoma mesonet.									
Seminole County									
Seminole	**22**	**0450CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Numerous trees were downed, and a roof overhang sustained damage.									
Seminole County									
10 SW Wewoka	**22**	**0450CST**			**0**	**0**	**0.01K**		**Thunderstorm Wind**
Large tree limbs were downed.									
Hughes County									
Lamar	**22**	**0455CST**			**0**	**0**	**0.01K**		**Thunderstorm Wind**
A large tree was downed.									
Murray County									
Davis	**22**	**0458CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
A tractor-trailer was blown over, while traveling westbound on State Highway 7.									
Murray County									
Sulphur	**22**	**0458CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Murray County									
Sulphur	**22**	**0458CST**			**0**	**0**	**20K**		**Thunderstorm Wind**
A turbo-prop airplane was flipped at Sulphur Municipal Airport.									
Garvin County									
Maysville	**22**	**0505CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Trees were downed, and minor damage was sustained to metal roofing at a local high school.									
Garvin County									
Wynnewood	**22**	**0510CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Cleveland County									
Norman	**22**	**0512CST**			**0**	**0**	**30K**		**Lightning**
Lightning struck a house near the 3200 block of Fireside Street, causing a fire which consumed the roof and attic.									
Pontotoc County									
Ada	**22**	**0520CST**			**0**	**0**			**Thunderstorm Wind (G57)**
Carter County									
Ardmore	**22**	**0530CST**			**0**	**0**			**Thunderstorm Wind (G56)**
Pontotoc County									
Stonewall	**22**	**0540CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Johnston County									
Tishomingo	**22**	**0545CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Trees and power lines were downed.									
Marshall County									
Madill	**22**	**0555CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Coal County									
Coalgate	**22**	**0604CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Bryan County									
3 N Brown	**22**	**0606CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Johnston County									
3 E Nida	**22**	**0606CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Atoka County									
Atoka	**22**	**0615CST**			**0**	**0**			**Thunderstorm Wind (G52)**
For the 3rd consecutive night, a large line of severe thunderstorms moved southward out of Kansas into Oklahoma, causing widespread damage. This line of thunderstorms entered northwest Oklahoma at approximately 0100 CST and tracked southeastward for 5 hours before exiting southeast Oklahoma around 0600 CST. In its wake widespread straight-line damage was observed, many areas for the 2nd or 3rd night in a row.									
Oklahoma County									
Oklahoma City	**26**	**1330CST** **1930CST**			**0**	**2**	**0**		**Wild/Forest Fire**
A large grass fire started near the intersection of Memorial and Douglas and jumped the Turner Turnpike, causing the highway to be closed for nearly 4 hours. Twenty-five fire departments assisted in extinguishing the blaze, which consumed 80 acres of grass and injured two firefighters. One firefighter suffered a minor head injury, while another was treated for heat exhaustion. The cause of the fire was unknown.									

Storm Data and Unusual Weather Phenomena

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
OKLAHOMA, Western, Central and Southeast									
Hughes County									
5 WSW Lamar	**27**	**0710CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Hughes County									
3 E Holdenville	**27**	**0715CST**			**0**	**0**			**Hail (0.75)**
Hughes County									
3 E Holdenville	**27**	**0715CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Seminole County									
2 N Sasakwa	**27**	**0732CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Pontotoc County									
Allen	**27**	**0735CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Hughes County									
1 W Atwood	**27**	**0740CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Alfalfa County									
10 ENE Amorita	**28**	**1905CST**			**0**	**0**			**Hail (1.00)**
Grant County									
4 W Manchester	**28**	**1905CST**			**0**	**0**			**Hail (1.00)**
Noble County									
7 W Red Rock	**28**	**1955CST**			**0**	**0**			**Hail (1.75)**
Noble County									
8 WSW Red Rock	**28**	**2004CST**			**0**	**0**			**Hail (1.50)**
Noble County									
3 W Perry	**28**	**2100CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Payne County									
11 W Stillwater	**28**	**2115CST**			**0**	**0**			**Thunderstorm Wind (G51) M**
Wind was measured by the Oklahoma mesonet.									
Lincoln County									
4 WNW Tryon	**28**	**2130CST**			**0**	**0**			**Hail (0.75)**
Logan County									
Coyle	**28**	**2145CST**			**0**	**0**	**0.20K**		**Thunderstorm Wind**
Trees were downed.									
OREGON, Central and East									
Grant County									
Granite	**08**	**1505PST**			**0**	**0**	**0**	**0**	**Hail (1.00)**
Deschutes County									
Redmond	**17**	**1613PST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Deschutes County									
Redmond	**17**	**1700PST**			**0**	**0**	**10K**	**0**	**Flash Flood**
A slow moving thunderstorm with heavy rain flooded the Becky Johnson Community Campus. Water levels reached two feet in the parking lot outside the building. Several inches of water passed under the front entrance, wetting much of the carpet and flooring of the building. Nearby, at the Redmond Airport, the ASOS measured 0.61 inches of rain in one-half hour. In another section of town, 1 1/2 inches fell in 40 minutes. This was accompained by 1/2 inch hail. Other reports around town indicated widespread street flooding, with 3 to 9 inches of standing water common.									
Union County									
Cove	**21**	**1535PST**			**0**	**0**	**5K**	**0**	**Dry Microburst**
Winds from a dry microburst downed tree limbs up to 5 inches thick. A tree fell on a power line, causing a brief power outage. Blowing dust at one point reduced visibilities to just 50 feet.									
OREGON, Northwest									
NONE REPORTED.									
OREGON, Southeast									
NONE REPORTED.									
OREGON, Southwest									
Klamath County									
Countywide	**01**	**0645PST**			**0**	**0**			**Wild/Forest Fire**
	02	**0055PST**							
See below.									
Lake County									
Countywide	**01**	**0645PST**			**0**	**0**			**Wild/Forest Fire**
	02	**0055PST**							
See below.									
A Red Flag Warning was issued at the above time for fire weather zones 624/625, which includes most of Klamath and Lake									

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

OREGON, Southwest

counties.
The warning was due to forecast moderate northwest winds 15 to 25 mph and low minimum relative humidities between 15 and 20 percent. Verifying data was not available.

ORZ029>031 **Klamath Basin - Northern & Eastern Klamath County & Western Lake County - Central & Eastern Lake County**

03 1442PST 0 0 Extreme Cold
04 0800PST

See below.
A Frost Warning was issued for the above zones. Reported low temperatures were mostly in the 30s, so frost likely occurred on this night...although no reports were received. Fort Rock reported a low of 27 degrees and Sprague River reported 29 degrees, but temperatures this cold were quite isolated.

Lake County
Countywide

14 1245PST 0 0 Wild/Forest Fire
15 0620PST

See below.
A Red Flag Warning was issued for the southeast portion of fire weather zone 625 (southeast Lake County) for gusty winds and low humidities. A survey of the four RAWS stations in the area indicated that southwest to west winds 15 to 20 mph combined with single digit humidities was widespread between 1400 PDT and 2100 PDT. The winds decreased around 2100 PDT and the humidities recovered to the 50-70% range much later that night. So...it looks like the Red Flag was a good call for a short period of time.

Klamath County
Countywide

17 0715PST 0 0 Wild/Forest Fire
2305PST

See below.

Lake County
Countywide

17 0715PST 0 0 Wild/Forest Fire
2305PST

See below.
A Red Flag Warning was issued for expected dry lightning in fire weather zones 624/625 at the above listed dates and times. Thunderstorms did occur during the warning period, but it appears likely that they were wet. However, no verifying reports were received.

Jackson County
Medford

17 1826PST 0 0 Tstm Wind/Hail
1941PST

See below.

Jackson County
Medford

17 1826PST 0 0 Tstm Wind/Hail
1941PST

At 1825 PDT, a citizen from Colman Creek called to report that large hail up to 1 inch in diameter had just fallen at her location as a thunderstorm moved through the area. This storm was detected on the WSR-88D and a Severe Thunderstorm Warning was issued for the Medford area based on the report and the path indicated by the 88D. When the storm struck South Medford, spotter JA58 reported estimated winds of 40-50 mph, heavy rain, and branches up to 1/2 inch diameter blown off the trees. Soon after this, the storm appeared to split with one portion heading toward Jacksonville and the other heading to the northeast. The storms dissipated rapidly after the split, and no precipitation fell at the airport in North Medford. The warning was cancelled at 1941 PDT. Four wildfires were started by the storm...the largest was about 15 acres while the remaining 3 cumulatively covered about 1/2 acre.

PACIFIC

GUZ006 **Guam**

04 0000SST 0 0 500K Hurricane
2300SST

The Coast Guard was notified that a German ship was in distress 700 miles northwest of Guam. The
317 foot cargo vessel Southern Ameliar II with a crew of 19, was on its maiden voyage from Shanghai to Oregon. It received damage after passing through Typhoon Kirogi. The crew decided to board a lifeboat and abandon ship three hours after a total loss of power and failure of the ships main engines. The storm also damaged one of the ship's two cargo cranes, which smashed into the ship's forward hold. The ship's rudder was also damaged. The cargo was not damaged.

Guam
Countywide

12 1230SST 0 0 Urban/Sml Stream Fld
1500SST

Heavy rain and showers develop over parts of Guam in the afternoon. Radar showed rainfall estimates of three inches in Dededo and near Apra Harbor. Only 0.48 inches of rain fell at the National Weather Service Office between 1000 and 1600. The thunderstorms formed over the island during the afternoon as a result of converging sea breeze winds.

Storm Data and Unusual Weather Phenomena

July 2000

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
PACIFIC									
Guam									
Central Portion	**14**	**1100SST 1400SST**			**0**	**0**			**Urban/Sml Stream Fld**
Inland showers and thunderstorms formed over Guam. The thunderstorms formed over the island during the afternoon as a result of converging sea breeze winds. 0.43 inches of rain fell at the National Weather Service Office between 1000 and 1600.									
Guam									
Countywide	**15**	**1100SST 1400SST**			**0**	**0**			**Lightning**
Guam									
Countywide	**15**	**1100SST 1400SST**			**0**	**0**			**Urban/Sml Stream Fld**
Inland showers and thunderstorms formed over Guam. Lightning from the thunderstorms caused power outages to northern and central portions of the island. The power was out for an hour an a half. The thunderstorms formed over the island during the afternoon as a result of converging sea breeze winds. 0.51 inches of rain fell at the National Weather Service Office between 1000 and 1600.									
Saipan									
Saipan Intl Airport	**15**	**1144SST 1156SST**			**0**	**0**			**Waterspout**
Waterspout observed in Saipan between 1144 and 1156. The waterspout was to the southeast of the station.									
Guam									
Central Portion	**17**	**1124SST 1130SST**			**0**	**0**			**Funnel Cloud**
Funnel cloud observed from Andersen Air Force Base and from the National Weather Service Office from 1124 to 1130. The funnel cloud was 8 miles west of Andersen and 3 miles north of the Weather Service Office.									
Guam									
Andersen Afb	**19**	**1506SST 1513SST**			**0**	**0**			**Funnel Cloud**
Funnel cloud observed from Andersen Air Force Base from 1506 to 1513. The funnel cloud was northwest of the station.									
Guam									
Central Portion	**20**	**1300SST 1530SST**			**0**	**0**			**Urban/Sml Stream Fld**
Inland showers and thunderstorms brought heavy rains to parts of Guam. Weather radar showed at least four inches of rain fell in the Tumon area. The heavy rain caused flooding in areas of Tumon and Tamuning. The thunderstorms formed over the island during the afternoon as a result of converging sea breeze winds Favorable upper level divergence caused by an upper low to the east of the island also aided in the formation of the thunderstorms. 0.50 inches of rain fell at the National Weather Service Office between 1000 and 1600.									
Guam									
Central Portion	**23**	**1700SST 1730SST**			**0**	**0**			**Waterspout**
Waterspout observed by an off-duty NWS Employee from his residence at Naval Hospital in Agana Heights. The waterspout was to the north of the observer over Agana Bay from 1700 to 1730.									
Guam									
Andersen Afb	**23**	**1713SST 1722SST**			**0**	**0**			**Funnel Cloud**
Funnel cloud observed from Andersen Air Force Base from 1713 to 1722. The funnel cloud was 16 mile west of the station.									
Guam									
Andersen Afb	**25**	**1555SST 1605SST**			**0**	**0**			**Funnel Cloud**
Funnel cloud observed from Andersen Air Force Base from 1555 to 1605									
Guam									
Central Portion	**28**	**1123SST 1134SST**			**0**	**0**			**Funnel Cloud**
Funnel cloud observed from the National Weather Service Office from 1123 to 1134. The funnel cloud was to the northwest of the office									

Storm Data and Unusual Weather Phenomena

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
PACIFIC									
Saipan									
Saipan Intl Airport	**31**	**1404SST** **1411SST**			**0**	**0**			**Waterspout**
Waterspout observed in Saipan between 1404 and 1411. The waterspout was to the north of the station.									
PENNSYLVANIA, Central									
Fulton County									
Big Cove Tannery	**14**	**1345EST**			**0**	**0**	**2K**		**Hail (1.75)**
Hail up to golf ball size.									
Lycoming County									
5 E Salladasburg to Salladasburg	**14**	**1630EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees and wires down.									
Lancaster County									
2 SE Holtwood	**14**	**1720EST**			**0**	**0**			**Hail (0.75)**
Dime size hail.									
York County									
Red Lion	**14**	**1800EST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Trees down in Red Lion and other parts of southeast York County.									
Somerset County									
3 W Comptons Mill	**14**	**1810EST**			**0**	**0**			**Hail (0.88)**
Nickel size hail was reported on Mt. Davis.									
Lancaster County									
Southwest Portion	**14**	**1830EST** **2330EST**			**0**	**0**			**Flash Flood**
Heavy rains flooded small streams, roads, and basements in southwest and northeast Lancaster County.									
York County									
Southeast Portion	**14**	**1830EST** **2330EST**			**0**	**0**			**Flash Flood**
Heavy rains flooded basements and roads.									
Franklin County									
Welsh Run	**14**	**1930EST**			**0**	**0**			**Hail (0.75)**
Dime size hail covered the ground.									
Franklin County									
Chambersburg	**14**	**1953EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Wires down in Chambersburg and Marion.									
Adams County									
3 SE Gettysburg	**14**	**2115EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
10 to 15 trees were uprooted or snapped off in Mt. Pleasant Township, southeast of Gettysburg.									
Potter County									
Germania	**16**	**1715EST**			**0**	**0**			**Hail (0.75)**
Columbia County									
Millville	**21**	**1415EST**			**0**	**0**			**Hail (1.25)**
Huntingdon County									
Huntingdon	**28**	**1515EST** **2000EST**			**0**	**0**			**Flash Flood**
Roads and small streams flooded.									
Bedford County									
Bedford	**28**	**1650EST** **2000EST**			**0**	**0**			**Flash Flood**
2.6" of rain in an hour flooded roads and small streams.									
Cumberland County									
Shippensburg	**28**	**1725EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Trees down.									
Franklin County									
Chambersburg	**28**	**1725EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Trees down.									
Cumberland County									
Shippensburg	**28**	**1725EST**			**0**	**1**			**Lightning**

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

PENNSYLVANIA, Central

A 22-year old Shippensburg University man was injured slightly when he was struck by a 4-foot piece of wood that was blown out of a tree by lightning. The young man was in the process of retrieving garbage cans that were being blown by the wind. As he hurried to return to his house, lightning struck a nearby tree, sending debris flying. One piece of wood knocked him to the ground just inside the door to his home. The young man related difficulty hearing for about 30 minutes due to the blast, and complained of lower back pain.

Franklin County
Greencastle 28 1830EST 2030EST 0 0 Flash Flood

Heavy rains flooded a number of roads.

Cumberland County
Northeast Portion 30 1655EST 1930EST 0 0 Flash Flood

Heavy rains caused mud and water to flow into a couple of homes near an area under road construction.

Somerset County
Salisbury 30 1700EST 2000EST 0 0 Flash Flood

Heavy rains washed out roads.

Cambria County
Nanty Glo 30 1800EST 0 0 2K Thunderstorm Wind

Trees were down near Nanty Glo in Black Lick Township.

Columbia County
Northeast Portion 30 1925EST 31 0300EST 0 0 Flash Flood

Heavy rains closed several roads across northeast parts of Columbia County. Rainfall in Benton totaled 4.78 inches. Several homes were evacuated due to high water. A bridge was washed out on Route 254.

Somerset County
5 W Wittenberg to 6 W Wittenberg 31 1230EST 1235EST 1 100 0 0 5K Tornado (F0)

This small F0 tornado touched down around 1:30 p.m. EDT near Hunsrick Summit, about 2 miles south of Meyersdale on Route 219. The storm slightly moved a mobile home on its foundation then, oddly enough, moved almost due west across Route 219 and down a ravine crossing a farm of a Weather Service Cooperative Observer. The farmer watched the funnel pick up a homemade raft from a farm pond and toss it several yards. Several dozen trees were blown down in the ravine, but no damage was done to a nearby barn. The storm continued west for about a mile before dissipating as it crossed the Casselman River.

Somerset County
Central City 31 1415EST 1700EST 0 0 Flash Flood

A couple of basements flooded and small streams were bankful as a second day of heavy rain hit the area.

Clearfield County
North Portion 31 1600EST 2030EST 0 0 Flash Flood

Streams and roads flooded.

Mckean County
Bradford 31 1600EST 2000EST 0 0 Flash Flood

Heavy rains flooded basements. Route 343 was also flooded.

PENNSYLVANIA, East

Chester County
Oxford 16 1335EST 0 0 Hail (0.75)

Chester County
Guthriesville 16 1415EST 1 0 0 Lightning

A 41-year-old woman and the horse she was riding both were struck and killed by lightning in East Brandywine Township. She was taking a riding lesson with her family. F41OU

Bucks County
Levittown 16 1440EST 0 0 Hail (0.75)

Northampton County
East Central Portion 16 1730EST 1930EST 0 0 Flash Flood

Thunderstorms with torrential downpours dropped about three inches of rain within an hour across east central Northampton County and adjacent parts of Warren County. This caused poor drainage flooding as well flooding along some of the flashier small streams in the area. Storm totals included 2.40 inches in Belvidere (New Jersey).

Delaware County
North Portion 27 0200EST 0400EST 0 0 Flood

Heavy rains of 1 to 2 inches overnight and storm totals of around 3 inches during the past twenty-four hours led to flooding along

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

PENNSYLVANIA, East

some of the streams in northern Delaware County. Crum Creek at Newtown Square reached its flood stage of 5.5 feet at 3 a.m. EDT, crested at 6.0 feet at 4 a.m. EDT and was back within bankfull at 5 a.m. EDT. Storm totals included 3.50 inches at Valley Forge (Chester County) and 2.86 inches at the Crum Creek Pump (Delaware County). A slow moving low pressure system that moved through New Jersey on the 26th, brought in tropical moisture into the region. Its slow movement permitted heavy rain to fall throughout the greater Philadelphia Metropolitan area from the morning of the 26th through the morning of the 27th. Most 36 hour storm totals were around 2 inches. No serious injuries were reported.

Bucks County

South Portion	**30**	**1815EST**		**0**	**0**	**5M**		**Flood**
	31	**0700EST**						

Thunderstorms with torrential downpours that remained nearly stationary during the early evening of the 30th, caused flash flooding in the Mill Creek Basin in Bucks County just above its confluence with the Neshaminy Creek. Less severe flooding occurred throughout the rest of lower Bucks County. The county was declared a federal disaster area. Damage was estimated at $5 million dollars. Four hundred and forty-eight homes and businesses were damaged in Upper Southampton, Lower Southampton, Northampton and Bensalem Townships. About 75 persons and their pets were rescued from their homes (along the Mill Creek) and/or vehicles. A temporary shelter was opened at the Lower Southampton Fire Company. Three bridges were damaged. The hardest hit municipalities were Upper and Lower Southampton, Northampton and Warminster Townships. The raging flood waters also knocked over trees and power lines. About 7,600 homes and businesses lost power. No serious injuries were reported.

The first rescue occurred about 715 p.m. EDT as seven people became stranded in a van in Upper Southampton Township on Churchill Road. Several bridges were damaged and closed because of the flooding Mill Creek. In Lower Southampton Township and Northampton Township, Pennsylvania State Route 532 was closed between Old Bristol Road and Chinquapin Road. The bridge supports washed away. It was expected to be reopened in 5 to 10 days. Within Lower Southampton Township, the Feasterville area was hard hit. Numerous smaller roads were closed and floating yard wood and submerged barbecues were common sights. In Upper Southampton Township, Churchville Road was closed between Bristol Road and Pennsylvania State Route 132. The approached to the bridge washed out. In Northampton Township, the Bridgetown Pike between Maple Avenue and Rocksville Road was closed as approaches to the bridge were damaged also. The parking lot of the Mill Race Inn was ripped apart and the Valley Stream Inn was also damaged. Two roads were also closed in Warminster Township.

Elsewhere in Bucks County, flooding along the Indian Creek forced the closure of two roads in Bristol Township. Raw sewage backed into an apartment complex in Penndel Borough. The main stem of the Neshaminy Creek also flooded. At Langhorne, the creek reached its 9 foot flood stage at 9 p.m. EDT, crested at 11.91 feet at 10 p.m. EDT and was back within bankfull at 8 a.m. EDT on the 31st.

The highest reported storm total was 8.80 inches in Southampton. Other storm totals included 3.21 inches in Neshaminy Falls and 1.05 inches in Doylestown.

Carbon County

Southeast Portion	**30**	**2000EST**		**0**	**0**			**Flash Flood**
		2200EST						

A nearly stationary thunderstorm with torrential downpours dropped between 3 and 4 inches of rain in extreme southeastern Carbon County within two hours between 8 p.m. and 10 p.m EDT. This led to poor drainage flooding as well as stream flooding in the county. No serious injuries were reported.

PAZ054>055-060>062-067>071 **Carbon - Monroe - Berks - Lehigh - Northampton - Chester - Montgomery - Bucks - Delaware - Philadelphia**

	31	**2359EST**		**0**	**0**			**Unseasonably Cool**

July 2000 was one of the coolest Julys on record for Eastern Pennsylvania. At the Lehigh Valley International Airport, the monthly mean temperature of 70.2 degrees was 3.9 degrees below normal and was the third coolest July on record. At the Philadelphia International Airport, the monthly mean temperature of 74.0 degrees was 2.7 degrees below normal. It was the 9th coolest July on record and the coolest July since 1984 when the monthly mean temperature was 73.9 degrees. It was also an unseasonably wet July around the immediate Philadelphia area and in Monroe County. The monthly rainfall total at the Philadelphia International Airport was 5.54 inches, 1.26 inches above normal. Delaware County (on a county weighted average) had the wettest July in Eastern Pennsylvania with a monthly rainfall total of around 6.0 inches.

PENNSYLVANIA, Northeast

Luzerne County

Hanover	**15**	**0750EST**		**0**	**0**			**Flash Flood**

Road flooding was reported in Hanover and Dallas due to heavy thunderstorm rains.

Pike County

Countywide	**16**	**1900EST**		**0**	**0**			**Urban/Sml Stream Fld**

Minor flooding was reported in the southern portion of the county. due to heavy thunderstorm rains.

Wyoming County

Laceyville	**30**	**1300EST**		**0**	**0**			**Flash Flood**
		1700EST						

Heavy thunderstorm rains caused flooding in Laceyville.

Storm Data and Unusual Weather Phenomena

July 2000

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
PENNSYLVANIA, Northeast									
Lackawanna County									
Scranton	**30**	**1500EST** **2100EST**			**0**	**0**			**Urban/Sml Stream Fld**
Heavy thunderstorm rains caused significant ponding of water on local roadways. Extensive basement flooding was also reported along Charles Street and in Throop. A backyard was flooded on Hughes Street.									
Luzerne County									
Wilkes Barre	**30**	**1730EST** **2200EST**			**0**	**0**			**Flash Flood**
Heavy thunderstorm rains caused numerous road closings and extensive flooding in the suburbs of Wilkes-Barre. A bridge replacement construction project was disrupted when four 6-foot diameter pipes were washed 600 yards down Solomon Creek. A construction project in Ashley had similar problems. In Bear Creek, flooding washed out a bridge and Laurel Run Road was closed for 3 hours when a small pond overflowed. Extensive basement flooding was also reported across the area. The right lane of Route 309 was closed for one hour in Kingston due to mudslides. Courtdale Avenue and Main Street in Courtdale were closed due to flooding. A mud slide also cuased flooding along Main Street in Jenkins Township.								
Bradford County									
New Albany to Wilmot	**30**	**1800EST** **2200EST**			**0**	**0**			**Flash Flood**
Heavy thunderstorm rains caused numerous road washouts from New Albany to Wilmot. Wilmot declaed a State of Emergency.									
PENNSYLVANIA, Northwest									
NONE REPORTED.									
PENNSYLVANIA, West									
Fayette County									
Countywide	**10**	**2010EST** **2130EST**			**0**	**0**	**5K**		**Flood**
Torrential thunderstorm rains training across the county produced minor flash flooding. In the Republic area, minor flooding was reported on State Highway 166. In the Brownsville area, local street flooding was also reported.									
Westmoreland County									
New Kensington	**14**	**1525EST**			**0**	**0**			**Hail (1.00)**
Armstrong County									
Apollo	**14**	**1540EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Thunderstorm winds downed several trees.									
Indiana County									
3 S Nowrytown	**14**	**1540EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Thunderstorm winds downed a few trees at Kiski High School in Saltsburg.									
Westmoreland County									
Ligonier	**14**	**1545EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Thunderstorm winds blew a tree down onto power lines. This knocked out a power substation, shutting off power to 3,100 residents in Ligonier.									
Armstrong County									
Apollo	**14**	**1600EST** **1830EST**			**0**	**0**			**Flood**
Minor road and basement flooding was reported in the Apollo area.									
Indiana County									
Blairsville	**14**	**1600EST** **1830EST**			**0**	**0**			**Flood**
Minor road flooding was reported in the Blairsville area.									
Westmoreland County									
Vandergrift	**14**	**1600EST** **1830EST**			**0**	**0**			**Flood**
Minor road flooding was reported in the Vandergrift area. Thunderstorms producing torrential rains moved across western Pennsylvania, dropping between 2 and 3 inches of rain across portions of Indiana, Armstrong and Westmoreland Counties.									
Allegheny County									
3 SE Pittsburgh	**28**	**1330EST**			**0**	**0**			**Hail (1.25)**
Allegheny County									
Homestead	**28**	**1331EST**			**0**	**0**			**Hail (0.75)**
Westmoreland County									
Greensburg	**28**	**1356EST**			**0**	**0**			**Hail (1.00)**
Allegheny County									
Imperial	**28**	**1410EST** **1600EST**			**0**	**0**	**5K**		**Flood**

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

PENNSYLVANIA, West

Minor street flooding was reported in Imperial. Just west of this area, up to 6 inches of water was reported on the roadway at the intersection of US Route 22 and SR 60. Also in this area, Campbells Run Creek rose out of its banks, partially flooding Campbells Run Road.

Westmoreland County

Lower Burrell | **28** | **1410EST 1645EST** | | | **0** | **0** | **10K** | | **Flood**

Road flooding was reported in the Lower Burrell area, stranding several people in their cars on Craigdell Road. The cars and their occupants were rescued when tow trucks pulled them out of the water.

Beaver County

Ambridge | **28** | **1430EST 1600EST** | | | **0** | **0** | **5K** | | **Flood**

Minor road flooding was reported in the Ambridge area.

Washington County

Burgettstown | **28** | **1445EST 1700EST** | | | **0** | **0** | **5K** | | **Flood**

Minor road flooding was reported in the Burgettstown area.

Indiana County

1 N Blairsville | **28** | **1530EST 1700EST** | | | **0** | **0** | **10K** | | **Flood**

Up to 3 feet of water was reported on some roadways in North Blairsville as Black Lick Creek overflowed its banks.

Heavy thunderstorms passing over western Pennsylvania produced rainfall of up to 2 inches in an hour over several counties, producing numerous instances of flash flooding.

Allegheny County

Emsworth | **28** | **1715EST 1830EST** | | | **0** | **0** | | | **Flood**

Street flooding was reported in the Emsworth area, where Lowries Run overflowed its banks and flooded portions of Camp Horn Road near Interstate 79 and SR 65.

Washington County

Bavington | **28** | **1745EST 1830EST** | | | **0** | **0** | | | **Flood**

A portion of US Route 22 was temporarily closed in the Bavington area due to roadway flooding.

Another round of strong thunderstorms passed over western Allegheny and northwestern Washington Counties. These areas had received up to two inches of rain from thunderstorms just a few hours earlier.

Allegheny County

Wilkinsburg | **30** | **1900EST 2100EST** | | | **0** | **0** | **10K** | | **Flood**

Strong thunderstorm producing up to one and one half inches of rain in one hour produced street flooding in the Wilkinsburg and Swissvale areas.

Butler County

Cabot | **31** | **1408EST** | | | **0** | **0** | **25K** | | **Thunderstorm Wind**

Thunderstorm winds downed several trees. One tree fell onto a mobile home.

Westmoreland County

Rector | **31** | **1500EST** | | | **0** | **0** | **5K** | | **Thunderstorm Wind**

Thunderstorm winds downed several trees.

Fayette County

Connellsville | **31** | **1510EST** | | | **0** | **0** | **5K** | | **Thunderstorm Wind**

Thunderstorm winds downed several trees.

Butler County

Renfrew | **31** | **2030EST** | | | **0** | **0** | **5K** | | **Thunderstorm Wind**

Thunderstorm winds downed several trees.

Indiana County

Penn Run | **31** | **1510EST 1730EST** | | | **0** | **0** | | | **Flood**

Minor roadway flooding was reported on SR 553 in the Penn Run area.

Fayette County

5 SE Uniontown | **31** | **1520EST 1800EST** | | | **0** | **0** | | | **Flood**

Minor roadway flooding was reported along portions of SR 21 in the German Township area.

Jefferson County

Sykesville | **31** | **1600EST 2100EST** | | | **0** | **0** | **5K** | | **Flood**

Numerous roads were reported flooded in the Sykesville area.

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

PENNSYLVANIA, West

Jefferson County

Reynoldsville **31** **1620EST** **2100EST** **0** **0** **50K** **Flood**

Flash flooding was reported in the Reynoldsville area, temporarily closing a number of roads. This included SR 950, which had 2 feet of water covering portions of the roadway. In Reynoldsville, basement flooding was reported in several homes.

Allegheny County

Bridgeville **31** **2000EST** **2130EST** **0** **0** **20K** **Flood**

Numerous reports of street flooding were received from the Bridgeville area, as well as from Collier Township, South Fayette Township and Carnegie.

Strong thunderstorms passed over areas of western Pennsylvania that had already received several inches of rain over the past few days. These thunderstorms produced torrential rainfall of up to 3 inches in 90 minutes as they moved across the area, creating flash flooding problems across several counties.

PUERTO RICO

Aguadilla

Central Portion **05** **1530AST** **1630AST** **0** **0** **Tstm Wind/Hail**

A radio station indicated that residents in Moca and San Sebastian reported small hail in association with a strong thunderstorm.

Aguadilla

San Sebastian **20** **1500AST** **1600AST** **0** **0** **Hail (1.00)**

A severe thunderstorm produced hail near one inch in diameter in San Sebastian.

Arecibo

Southwest Portion **20** **1515AST** **1630AST** **0** **0** **Heavy Rain**

Heavy rains caused landslides between Lares and Utuado.

Humacao

Countywide **29** **1500AST** **1900AST** **0** **0** **5K** **Tstm Wind/Hail**

San Juan

Countywide **29** **1500AST** **1900AST** **0** **1** **15K** **Tstm Wind/Hail**

A strong tropical wave produced numerous showers and thunderstorms across the eastern sections of Puerto Rico. Strong gusty winds accompanied these showers. Wind damage was reported in Naranjito where aluminum tents wrapped onto power lines, in Corozal where winds knocked down power lines and trees and a residence lost its zinc roof and in Vega Alta where a tree fell on a car injuring one person in the vehicle. Other wind damage were reported in Fajardo and Barranquitas. In addition , two mudslides were reported on road 686 in Vega Baja.

RHODE ISLAND

Kent County

West Warwick **18** **1527EST** **0** **0** **Hail (1.75)**

Providence County

Hope **18** **1529EST** **0** **0** **Hail (0.75)**

Kent County

West Warwick **18** **1535EST** **0** **0** **Thunderstorm Wind (G50)**

Severe thunderstorms moved across Rhode Island ahead of a cold front. Hail the size of golf balls fell in West Warwick, and thunderstorm winds downed one large tree and several large branches. Traffic was momentarily snarled on Interstate 95 as the storm passed. Dime size hail fell in Hope.

SOUTH CAROLINA, Central

Lee County

Bishopville **05** **1530EST** **0** **0** **60K** **0** **Lightning**

Lightning struck a tree and a home causing the home to burn to the ground.

Newberry County

Little Mtn **06** **1810EST** **0** **0** **0** **0** **Thunderstorm Wind (G50)**

EM reported trees down on Old Dutch road off hwy 76.

Saluda County

Saluda **06** **1915EST** **0** **0** **0** **Thunderstorm Wind (G50)**

EM reported few trees and powerlines down on Rudolf street.

Orangeburg County

1 N Elloree **06** **1955EST** **0** **0** **0** **0** **Thunderstorm Wind (G50)**

EM reported trees down near state rd 267 and TV road.

Newberry County

Prosperity **07** **1550EST** **0** **0** **0** **Thunderstorm Wind (G50)**

Sheriff reported large limbs on powerlines.

Storm Data and Unusual Weather Phenomena

July 2000

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
SOUTH CAROLINA, Central									
Saluda County									
Mayson	**11**	**1332EST**			**0**	**0**		**0**	**Thunderstorm Wind (G50)**
Sheriff reported phone and power lines down around Mayson.									
Aiken County									
Aiken	**11**	**1338EST**			**0**	**0**		**0**	**Thunderstorm Wind (G50)**
SKYWARN spotter reported trees and powerlines down in Aiken.									
Orangeburg County									
Cope	**11**	**1416EST**			**0**	**0**		**0**	**Thunderstorm Wind (G70)**
EPD reported trees and powerlines down in the Cope and Cannan area.									
Aiken County									
Vaucluse	**11**	**1418EST**			**0**	**0**		**0**	**Thunderstorm Wind (G50)**
EPD reported trees down on vehicles.									
Barnwell County									
2 NE Williston	**11**	**1426EST**			**0**	**0**		**0**	**Thunderstorm Wind (G50)**
HWY DEPT reported trees down on hwy 39.									
Edgefield County									
7 N Edgefield to 7 NW Edgefield	**11**	**1435EST**			**0**	**0**		**0**	**Thunderstorm Wind (G50)**
HWY DEPT reported some trees down on hwy 230 and hwy 378 in western Edgefield Co.									
Aiken County									
Warrenville to Graniteville	**11**	**1450EST 1510EST**			**0**	**0**		**0**	**Thunderstorm Wind (G60)**
Newspaper reported trees and powerlines down.									
Newberry County									
Pomaria	**22**	**1300EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind (G50)**
Sheriff reported tress down on hwy 34.									
Fairfield County									
6.5 NW Jenkinsville	**22**	**1310EST**			**0**	**0**			**Hail (1.75)**
Public and damage survey reported golf ball size hail hwy 383.									
Fairfield County									
Blair	**22**	**1315EST**			**0**	**0**			**Hail (0.75)**
Sheriff reported 3/4 inch hail across west portion of county.									
Fairfield County									
6.5 NW Jenkinsville to 6.7 NNW Jenkinsville	**22**	**1315EST 1316EST**	**0.2**	**25**	**0**	**0**		**0**	**Tornado (F0)**
Damage survey confirmed an F0 touched down on hwy 383 and took down trees and did minor damage to a roof on a home.									
Lancaster County									
Heath Spgs	**22**	**1402EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind (G50)**
Sheriff reported a few trees down in the Heath Springs area.									
Chesterfield County									
Mc Bee	**22**	**1420EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind (G50)**
SKYWARN spotter reported 50KT winds.									
Lee County									
Central Portion	**22**	**1438EST**			**0**	**0**		**0**	**Thunderstorm Wind (G50)**
Sheriff reported trees down in Woodham, Rember Church road, and other areas of Lee county.									
Kershaw County									
Camden to Cassatt	**22**	**1450EST 1500EST**			**0**	**0**		**0**	**Thunderstorm Wind (G50)**
Sheriff reported trees down from Camden to Cassatt.									
Lee County									
Lynchburg	**22**	**1518EST**			**0**	**0**			**Hail (1.75)**
Sheriff reported golf ball size hail in the Lynchburg area.									
Sumter County									
Sumter	**22**	**1530EST**			**0**	**0**		**0**	**Thunderstorm Wind (G50)**
Sheriff reported trees and powerlines down in and around Sumter.									
Orangeburg County									
15 E Orangeburg	**28**	**1720EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
TV station reported dime size hail on I-26 east of Orangeburg.									
SOUTH CAROLINA, North Coastal									
Horry County									
Socastee to Myrtle Beach	**13**	**0815EST 1700EST**			**0**	**0**	**2M**		**Flood**

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

SOUTH CAROLINA, North Coastal

Strong slow moving thunderstorms inundated Horry county with rain. The flooding was first reported in Socastee, but quickly spread to Forestbrook and Garden City Beach. The heaviest activity occurred in Myrtle Beach, where 11.4 inches of rainfall was recorded from 5 am to 5 pm. Police reported several weather related accidents, with no injuries noted. Many yards were flooded. Many city streets and rural roads were closed due to standing water up to 2 feet deep, with reports of stalled and abandoned automobiles. Several businesses also closed shop due to water in their buildings. The pollution-laden storm water also caused state environment officials to issue a swim warning for the Horry county coast.

Horry County
2 N Loris — **16** — **1410EST** — 0 — 0 — **Hail (1.75)**
Golfball size hail reported at the police department dispatch's house.

Marlboro County
2 S Clio — **16** — **1815EST** — 0 — 0 — **Hail (0.75)**
Agricultural extension agent reported dime size hail.

Georgetown County
Pawleys Is — **21** — **1425EST** — 0 — 0 — **5K** — **Thunderstorm Wind (G55)**
1625EST
Spotter reported shingles blown off of condominiums.

Horry County
2 S Socastee — **21** — **1508EST** — 0 — 0 — **3K** — **Thunderstorm Wind (G60)**
Spotter reported a tree down on Hwy 707 near the post office. Roof damage to a building was also reported.

Dillon County
Dillon — **22** — **1446EST** — 0 — 0 — **Hail (0.75)**
911 center reported dime size hail.

Florence County
Johnsonville to Kingsburg — **22** — **1450EST** — 0 — 0 — **Hail (0.75)**
Spotter reported dime size hail in Johnsonville. Trees were also reported down on power lines in neighboring Kingsburg.

Dillon County
5 E Dillon — **22** — **1507EST** — 0 — 0 — **Hail (1.00)**
911 center reported quarter size hail.

Darlington County
Lamar to Oats — **22** — **1510EST** — 0 — 0 — **Thunderstorm Wind (G60)**
911 center reported trees down in Lamar and Oats.

Dillon County
Dillon — **22** — **1512EST** — 0 — 0 — **10K** — **Thunderstorm Wind (G60)**
Large tree fell on a house.

Darlington County
3 W Darlington — **22** — **1525EST** — 0 — 0 — **15K** — **Thunderstorm Wind (G60)**
Spotter reported a tree fell on a house and car. Power lines were also reported down.

Florence County
Timmonsville — **22** — **1525EST** — 0 — 0 — **Thunderstorm Wind (G60)**
Trees down.

Dillon County
4 SE Lake View — **22** — **1540EST** — 0 — 0 — **2K** — **Thunderstorm Wind (G55)**
Tree fell onto tractor trailer.

Florence County
Lake City — **22** — **1545EST** — 0 — 0 — **Thunderstorm Wind (G60)**
Trees down.

Marion County
Rains to Mullins — **22** — **1552EST** — 0 — 0 — **Hail (1.00)**
1558EST
Law enforcement reported dime size hail in Rains and quarter size hail in nearby Mullins.

Georgetown County
3 SW Georgieville to 2 SW Georgieville — **23** — **1924EST** — **1** — **40** — 0 — 0 — **2K** — **Tornado (F0)**
1930EST
Waterspout came ashore two miles southwest of Litchfield Beach, striking the Litchfield Inn (no damage reported) and shattering the windows of several automobiles.

SOUTH CAROLINA, Northwest

Cherokee County
7 S Gaffney — **06** — **1750EST** — 0 — 0 — **Thunderstorm Wind (G50)**

Union County
7 N Union — **06** — **1810EST** — 0 — 0 — **Thunderstorm Wind (G60)**

Laurens County
Clinton — **06** — **1830EST** — 0 — 0 — **Thunderstorm Wind (G50)**

Storm Data and Unusual Weather Phenomena

July 2000

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

SOUTH CAROLINA, Northwest

A couple of severe thunderstorms developed in the early evening. Trees were blown down along Hwy 18 south of Gaffney and into northern Union county. Two camper trailers and one junked mobile home were blown over north of Union. Four trees were blown down on roads in Clinton and power outages resulted from lightning.

SCZ006	**Greater Greenville**								
	10	**1600EST**			**1**	**0**			**Heat**

A week of temperatures in the middle and upper 90s culminated with high temperatures on the 10th around 100 degrees. Heat contributed to the death of a man in an uncooled home. His body temperature was still 108 degrees two hours after his time of death. M55PH

Spartanburg County									
Moore	**11**	**2000EST**			**0**	**0**			**Thunderstorm Wind (G50)**
York County									
York to Clover	**11**	**2130EST**			**0**	**0**			**Thunderstorm Wind (G50)**

A couple of severe thunderstorms produced damaging microburst winds late in the evening. Trees and power lines were downed in a few locations and a utility building was destroyed in Moore.

Laurens County									
3 E Fountain Inn	**12**	**1812EST**			**0**	**0**			**Thunderstorm Wind (G60)**

A roof was blown off a trailer by severe thunderstorm winds.

Pickens County									
Easley	**14**	**0000EST** **0100EST**			**0**	**0**			**Heavy Rain**

Heavy rain shortly after midnight, from a slow-moving thunderstorm, washed out a section of road.

Cherokee County									
10 NW Gaffney to 1 NW Gaffney	**15**	**0100EST**			**0**	**0**			**Thunderstorm Wind (G50)**

A severe thunderstorm blew down a few trees near the Cowpens National Battlefield.

Greenville County									
Donaldson Afb	**22**	**1203EST**			**0**	**0**			**Hail (1.50)**
Greenville County									
Donaldson Afb	**22**	**1203EST**			**0**	**0**	**130K**		**Thunderstorm Wind (G70)**
Greenville County									
Mauldin	**22**	**1217EST**			**0**	**0**			**Hail (1.00)**
Laurens County									
12 NW Laurens	**22**	**1330EST**			**0**	**0**	**1K**		**Thunderstorm Wind (G55)**
Spartanburg County									
Inman	**22**	**1453EST** **1455EST**			**0**	**0**			**Hail (1.50)**
Spartanburg County									
Inman	**22**	**1453EST** **1455EST**			**0**	**0**			**Thunderstorm Wind (G60)**
Greenville County									
5 W Fork Shoals	**22**	**1530EST**			**0**	**0**			**Thunderstorm Wind (G55)**
Laurens County									
4 NW Hickory Tavern	**22**	**1551EST**			**0**	**0**			**Hail (0.75)**
Laurens County									
Gray Court	**22**	**1608EST**			**0**	**0**			**Hail (0.75)**
Laurens County									
Gray Court	**22**	**1608EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Laurens County									
Laurens	**22**	**1618EST** **1630EST**			**0**	**0**			**Hail (0.75)**
Laurens County									
Laurens	**22**	**1618EST** **1630EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Chester County									
3 S Chester to Blackstock	**22**	**1722EST** **1725EST**			**0**	**0**			**Hail (0.75)**

Thunderstorms developed in a very warm and unstable airmass throughout the afternoon. Several storms became severe and produced damaging microburst winds and large hail up to one and half inches in diameter. Several metal Leonard-type buildings were destroyed, portable equipment was blown around and damaged, and the air traffic control tower was damaged at Donaldson Center. Outside Fountain Inn a porch, garage, and roof were damaged by the wind. Elsewhere, numerous trees and power lines were downed.

Spartanburg County									
Spartanburg	**23**	**2200EST**			**0**	**0**			**Urban/Sml Stream Fld**

Storm Data and Unusual Weather Phenomena

July 2000

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
SOUTH CAROLINA, Northwest									
York County									
Rock Hill	**23**	**2200EST**			**0**	**0**			**Urban/Sml Stream Fld**
Slow-moving late evening thunderstorms produced heavy rain which caused some urban-type flooding. Some roads were nearly impassable in Rock Hill due to "rivers" of water flowing through the streets. In Spartanburg, a couple of cars stalled in a normally flood-prone area near Westgate Mall, water from run-off covered one bridge, and one foot of water was reported over a road on the north side.									
Pickens County									
Easley	**24**	**1900EST**			**0**	**0**			**Flash Flood**
		2300EST							
Pickens County									
Liberty	**24**	**2000EST**			**0**	**0**			**Thunderstorm Wind (G50)**
A cluster of slow-moving thunderstorms produced excessive rain in Easley. A retention pond overflowed and many streets were flooded. Water flowed into one downtown store and one road was washed out. Several roads had to be closed due to high water and downed trees. The storms became severe briefly over Liberty and downed many trees in the Whispering Pines subdivision. Roads were blocked and impassable, lives wires were downed and power connections were ripped from houses.									
Abbeville County									
Abbeville to	**24**	**2330EST**			**0**	**0**			**Flash Flood**
6 E Abbeville	**25**	**0300EST**							
Excessive rain from a complex of slow-moving thunderstorms caused some flash flooding. A couple of cars were stranded on Hwy 72 and several creeks came out of their banks. The heavy rain and gusty wind caused a few trees to fall as well.									
Greenwood County									
Cokesbury to Coronaco	**28**	**1410EST**			**0**	**0**			**Hail (0.88)**
Greenwood County									
Cokesbury to Coronaco	**28**	**1410EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Spartanburg County									
Grnvl Sprtnbrg Arpt	**28**	**1613EST**			**0**	**0**			**Hail (0.75)**
		1620EST							
Spartanburg County									
Grnvl Sprtnbrg Arpt	**28**	**1613EST**			**0**	**0**			**Lightning**
Greenville County									
1 W Grnvl Sprtnbrg Arp	**28**	**1617EST**			**0**	**0**			**Hail (0.75)**
3 W Grnvl Sprtnbrg Arpt		**1620EST**							
Greenville County									
1 W Grnvl Sprtnbrg Arp	**28**	**1617EST**			**0**	**0**			**Thunderstorm Wind (G50)**
3 W Grnvl Sprtnbrg Arpt		**1620EST**							
Greenville County									
4 SW Greer to 4 W Grnvl Sprtnbrg Arpt	**28**	**1630EST**			**0**	**0**			**Hail (0.75)**
Greenville County									
2 N Five Forks	**28**	**1640EST**			**0**	**0**			**Thunderstorm Wind (G50)**
		1645EST							
Greenville County									
5 SE Greenville	**28**	**1700EST**			**0**	**0**			**Hail (1.75)**
Greenville County									
2 W Simpsonville	**28**	**1700EST**			**0**	**0**			**Thunderstorm Wind (G50)**
A large severe thunderstorm developed late in the afternoon just east of the GSP International Airport, then became severe as it moved slowly west across the east and southeast sides of suburban Greenville. Numerous trees were blown down near the I-85/Pelham Road intersection. Fifteen to twenty trees were downed in a subdivision at the intersection of Hwys 146 and 14. A shed was destroyed west of Simpsonville. Their were also numerous reports of dime size hail and one report of golf ball size hail. The hail lasted for 5 to 10 minutes in some spots. Lightning struck several trees on the GSP Airport property and knocked a basketball size hole in the runway. A separate severe thunderstorm produced nickel size hail and downed a few trees in northern Greenwood county.									
Greenwood County									
5 N Greenwood	**29**	**1600EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Damaging winds from an isolated severe thunderstorm blew down a tree onto a fence, crushing it, and causing a security problem at a girls school. Power was also knocked out in the same area.									
Greenwood County									
Greenwood	**30**	**2050EST**			**0**	**0**			**Gusty Wind**
The combination of strong winds, lightning and heavy rain produced by a thunderstorm, downed several trees in the city.									

Storm Data and Unusual Weather Phenomena

July 2000

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
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**
	31	**2359EST**							
	Moderate drought conditions continued over south coastal South Carolina.								
Allendale County									
2 NE Fairfax	**11**	**1830EST**			**0**	**0**			**Hail (0.75)**
Allendale County									
2 NE Fairfax	**11**	**1830EST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Numerous trees down.								
Allendale County									
Ulmers	**11**	**1840EST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Power lines down.								
Dorchester County									
10 S Summerville	**22**	**1430EST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Power lines down.								
Berkeley County									
Goose Creek	**22**	**1510EST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Large branches and small trees down.								
Dorchester County									
St George	**22**	**1740EST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Several trees down.								
Dorchester County									
St George	**22**	**1740EST**			**0**	**0**			**Lightning**
	Lightning struck a gas container and caused an explosion.								
Colleton County									
Williams to	**22**	**1930EST**			**0**	**0**			**Thunderstorm Wind (G50)**
Smoaks		**1935EST**							
	Trees down.								
Colleton County									
7 SE Walterboro	**22**	**2015EST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Trees and power lines down.								
Berkeley County									
Russellville	**23**	**1710EST**			**0**	**0**			**Hail (0.75)**
Charleston County									
Isle Of Palms	**23**	**2030EST**	**0.1**	**40**	**0**	**0**	**200K**		**Tornado (F0)**
		2032EST							
	Waterspout came ashore briefly and damaged two homes under construction. A flower pot was thrown through a car window a block away.								
Hampton County									
Garnett	**23**	**1955EST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Large limbs down.								
SOUTH DAKOTA, Central and North									
Brown County									
10 NE Frederick	**01**	**1850CST**			**0**	**0**			**Hail (0.88)**
Brown County									
8 NW Columbia	**01**	**1950CST**			**0**	**0**			**Hail (2.50)**
Brown County									
9 E Frederick	**01**	**2001CST**			**0**	**0**			**Hail (0.88)**
	Nickel size hail broke some windows out of a house east of Frederick.								
Brown County									
Hecla to	**01**	**2100CST**			**0**	**0**			**Flash Flood**
Houghton	**02**	**0200CST**							
	Very heavy rains of 3 to 5 inches fell in far northeast Brown county flooding many roads and crops between Hecla and Houghton.								
Marshall County									
5 SE Veblen	**01**	**2245CST**			**0**	**0**			**Hail (1.75)**
Edmunds County									
2 E Ipswich	**01**	**2327CST**			**0**	**0**			**Thunderstorm Wind (G61)**
	High winds to 70 mph rolled round haybales about 50 feet, blew a well cover onto a car, and blew a calf shelter nearly 50 feet								
Brown County									
Richmond	**01**	**2355CST**			**0**	**0**			**Thunderstorm Wind (G52)**
	Winds to 60 mph brought several large tree limbs down in Richmond.								

Storm Data and Unusual Weather Phenomena

July 2000

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
SOUTH DAKOTA, Central and North									
Brown County									
Aberdeen	**02**	**0010CST**			**0**	**0**			**Thunderstorm Wind (G56)**
Winds to 65 mph brought down several tree branches and a few trees in Aberdeen.									
Stanley County									
38 NW Ft Pierre	**04**	**2301CST**			**0**	**0**			**Hail (2.00)**
Two inch hail caused quite a bit of damage to crops northwest of Fort Pierre.									
Hughes County									
10 NW Pierre	**04**	**2315CST**			**0**	**0**			**Hail (1.75)**
Hughes County									
Pierre Arpt	**05**	**0012CST**			**0**	**0**			**Thunderstorm Wind (G55) M**
Spink County									
6 W Doland	**05**	**0220CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Winds to 65 mph brought down several tree branches at a home west of Doland.									
Clark County									
Garden City	**05**	**0248CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Hamlin County									
8 N Hayti	**05**	**0318CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Deuel County									
9 W Clear Lake	**05**	**0348CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Winds to 70 mph downed two large trees at a home west of Clear Lake.									
Lyman County									
8 SE Lyman	**09**	**1440CST**			**0**	**0**			**Hail (1.50)**
Buffalo County									
Ft Thompson	**09**	**1450CST**			**0**	**0**			**Hail (0.75)**
Lyman County									
15 S Reliance	**09**	**1605CST**			**0**	**0**			**Hail (1.75)**
Lyman County									
20 S Reliance	**09**	**1615CST**			**0**	**0**			**Hail (1.75)**
Edmunds County									
4 N Roscoe	**11**	**1120CST**			**0**	**0**			**Hail (2.75)**
Edmunds County									
5 W Mina	**11**	**1200CST**			**0**	**0**			**Hail (2.75)**
Edmunds County									
Mina	**11**	**1220CST**			**0**	**0**			**Hail (0.88)**
Brown County									
7 W Aberdeen	**11**	**1222CST**			**0**	**0**			**Hail (0.75)**
Brown County									
1 W Aberdeen	**11**	**1225CST**			**0**	**0**			**Hail (1.00)**
Brown County									
9 W Aberdeen	**11**	**1230CST**			**0**	**0**			**Hail (1.75)**
Edmunds County									
1 E Mina	**11**	**1230CST**			**0**	**0**			**Hail (1.75)**
Brown County									
Aberdeen	**11**	**1231CST**			**0**	**0**			**Hail (1.25)**
Edmunds County									
12 S Roscoe	**11**	**1232CST**			**0**	**0**			**Hail (1.00)**
Brown County									
2 SW Aberdeen	**11**	**1239CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Brown County									
5 S Aberdeen	**11**	**1245CST** **1248CST**	**0.1**	**10**	**0**	**0**			**Tornado (F0)**
A small tornado touched downed briefly south of Aberdeen. No damage occurred.									
Brown County									
1 SW Aberdeen	**11**	**1249CST**			**0**	**0**			**Hail (0.75)**
Brown County									
Aberdeen	**11**	**1250CST**			**0**	**0**			**Thunderstorm Wind (G70)**
Winds to 80 mph uprooted and split many trees in southern Aberdeen. There was also many branches downed by the high winds and a quonset hut was destroyed.									
Brown County									
2 E Aberdeen	**11**	**1253CST**			**0**	**0**			**Thunderstorm Wind (G59) M**
Brown County									
1 NW Aberdeen	**11**	**1255CST**			**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
SOUTH DAKOTA, Central and North									
Brown County									
2 E Aberdeen	**11**	**1308CST**			**0**	**0**			**Hail (1.00)**
Brown County									
9 SE Groton	**11**	**1334CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Winds to 70 mph destroyed a cattle shelter and broke a window out of the house.									
Brown County									
12 S Groton	**11**	**1342CST**			**0**	**0**			**Thunderstorm Wind (G70)**
High winds buckled the walls of a mobile home south of Groton.									
Day County									
3 S Andover	**11**	**1354CST**			**0**	**0**			**Thunderstorm Wind (G70)**
On a farm, south of Andover, high winds destroyed one building, blew the roofs off of two others, downed numerous trees, and downed some power lines. As a result, the farm was without power for many hours.									
Day County									
Andover	**11**	**1354CST**			**0**	**0**			**Thunderstorm Wind (G70)**
Winds to 80 mph brought down many trees and branches throughout Andover. Eight power poles were snapped off by the high winds leaving Andover and a few surrounding farms without power for several hours. Some of the fallen trees and branches also snapped several power lines and broke some windows. At the James Valley Threshing show grounds in Andover, one building had its top blown off and its sides twisted. Also, a pole barn was completely torn apart and some machinery was rolled over by the high winds.									
Day County									
3 SE Andover	**11**	**1401CST**			**0**	**0**			**Hail (0.75)**
Day County									
Bristol	**11**	**1401CST**			**0**	**0**			**Hail (0.75)**
Day County									
Bristol	**11**	**1401CST**			**0**	**0**			**Thunderstorm Wind (G61)**
High winds blew a semi trailer over onto a pickup at the Bristol Truck Stop. The pickup and the trailer were both damaged. Also, the high winds downed many tree branches in Bristol.									
Spink County									
Mellette	**11**	**1410CST**			**0**	**0**			**Hail (0.75)**
Spink County									
2 N Ashton	**11**	**1420CST**			**0**	**0**			**Hail (0.88)**
Day County									
7 S Webster	**11**	**1440CST**			**0**	**0**			**Hail (0.75)**
Spink County									
Conde	**11**	**1445CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Winds to 60 mph brought several large tree branches down in Conde.									
Hand County									
Miller	**11**	**1508CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Winds to 60 mph brought down a few trees and many branches in Miller.									
Hand County									
8 S Miller	**11**	**1525CST**			**0**	**0**			**Hail (0.75)**
Hand County									
8 S Miller	**11**	**1525CST**			**0**	**0**			**Thunderstorm Wind (G52)**
A small barn was blown down and damaged by the high winds.									
Spink County									
14 S Doland	**11**	**1535CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Hand County									
15 S Vayland	**11**	**1553CST**			**0**	**0**			**Hail (0.75)**
Hamlin County									
Bryant	**11**	**1600CST**			**0**	**0**			**Hail (0.88)**
Clark County									
3 W Carpenter	**11**	**1620CST**			**0**	**0**			**Hail (0.75)**
Roberts County									
5 SE New Effington	**12**	**2215CST**			**0**	**0**			**Hail (0.88)**
Roberts County									
5 SE New Effington	**12**	**2215CST**			**0**	**0**			**Thunderstorm Wind (G71)**
High winds snapped 6 trees in half and uprooted 6 others.									
Walworth County									
10 SW Selby	**15**	**0040CST**			**0**	**0**			**Thunderstorm Wind (G71)**
High winds destroyed a 160' by 50' machine shed causing some damage to a tractor loader. Boards went through the window of the garage with one going through the door. An empty grain bin was blown over onto a grain cart, both were damaged. The house and other buildings sustained some shingle damage. A pole barn was also blown apart.									

Storm Data and Unusual Weather Phenomena

July 2000

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
SOUTH DAKOTA, Central and North									
Jones County									
6 NW Draper	**15**	**1710CST**			**0**	**0**			**Hail (1.75)**
Stanley County									
3 SW Wendte	**15**	**1850CST**			**0**	**0**			**Hail (1.75)**
Day County									
6 NE Grenville	**15**	**2235CST**			**0**	**0**			**Thunderstorm Wind (G52)**
High winds brought several large branches down.									
Marshall County									
8 E Eden	**15**	**2240CST**			**0**	**0**			**Hail (0.75)**
Roberts County									
5 SW Sisseton	**15**	**2245CST**			**0**	**0**			**Hail (1.00)**
Jones County									
3 SE Okaton	**21**	**1125CST**			**0**	**0**			**Hail (1.00)**
Jones County									
Murdo	**21**	**1131CST**			**0**	**0**			**Hail (0.75)**
Jones County									
Murdo	**21**	**1131CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Jones County									
5 W Murdo	**21**	**1138CST**			**0**	**0**			**Hail (1.00)**
Jones County									
5 SE Okaton	**21**	**1140CST**			**0**	**0**			**Hail (1.25)**
Jones County									
Murdo	**21**	**1642CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Jones County									
3 S Draper	**21**	**1655CST**			**0**	**0**			**Hail (0.75)**
Lyman County									
11 S Vivian	**21**	**1715CST**			**0**	**0**			**Hail (0.75)**
Edmunds County									
9 N Roscoe	**24**	**0440CST**			**0**	**0**			**Hail (1.00)**
Faulk County									
5 E Faulkton	**24**	**0510CST**			**0**	**0**			**Hail (0.88)**
Brown County									
6 N Claremont	**24**	**1753CST**			**0**	**0**			**Hail (0.75)**
Lyman County									
Kennebec	**24**	**1755CST**			**0**	**0**			**Hail (0.88)**
Spink County									
3 SW Mansfield	**24**	**1800CST**			**0**	**0**			**Hail (0.75)**
Spink County									
Mellette	**24**	**1823CST**			**0**	**0**			**Hail (0.88)**
Spink County									
3 S Mellette	**24**	**1825CST**			**0**	**0**			**Hail (1.00)**
Faulk County									
Rockham	**24**	**1839CST**			**0**	**0**			**Hail (1.00)**
Spink County									
5 S Mellette	**24**	**1840CST**			**0**	**0**			**Hail (1.75)**
Hand County									
7 NE Polo	**24**	**1858CST**			**0**	**0**			**Hail (1.25)**
Spink County									
Ashton	**24**	**1903CST**			**0**	**0**			**Hail (0.88)**
Hand County									
7 NE Polo	**24**	**1935CST**			**0**	**0**			**Hail (1.00)**
Hand County									
2 E Polo	**24**	**1940CST**			**0**	**0**			**Hail (1.75)**
Spink County									
3 NW Tulare	**24**	**1948CST**			**0**	**0**			**Hail (0.75)**
Hand County									
2 E Polo	**24**	**1952CST**			**0**	**0**			**Hail (0.88)**
Hand County									
6 SE Polo	**24**	**1955CST**			**0**	**0**			**Hail (1.75)**
Hyde County									
6 SW Highmore	**24**	**2005CST**			**0**	**0**			**Hail (1.00)**
Hand County									
22 N Miller	**24**	**2200CST**			**0**	**0**			**Hail (1.00)**

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

SOUTH DAKOTA, Central and North

Large hail damaged the siding of a home and also broke out a window.

Hand County

18 N Miller | **24** | **2205CST** | | | **0** | **0** | | | **Hail (0.75)**

Codington County

2 W Wallace | **25** | **1310CST** | **0.1** | **10** | **0** | **0** | | | **Tornado (F0)**

A landspout tornado touched down briefly west of Wallace with no damage reported. Path length and width were estimated.

SOUTH DAKOTA, Southeast

Brule County

5 S Chamberlain to Pukwana | **09** | **1530CST 1600CST** | | | **0** | **0** | **10K** | | **Hail (1.75)**

Large hail damaged crops, broke windows, and damaged paint. The amount of crop damage was not determined.

Beadle County

2 E Cavour | **09** | **1800CST** | | | **0** | **0** | **20K** | | **Thunderstorm Wind (G52)**

Thunderstorm winds damaged farm buildings.

Brookings County

5 E Bruce | **09** | **1845CST** | | | **0** | **0** | **5K** | | **Lightning**

Lightning struck and damaged a tree, and debris from the tree damaged the wall of a home. The force of the lightning strike also broke 6 windows in the home.

Kingsbury County

4 N Lake Preston | **11** | **1555CST** | | | **0** | **0** | | | **Thunderstorm Wind (G52)**

Kingsbury County

4 N Lake Preston | **11** | **1610CST** | | | **0** | **0** | | | **Hail (1.00)**

Kingsbury County

3 W Arlington | **11** | **1616CST** | **0.1** | **50** | **0** | **0** | | | **Tornado (F0)**

A brief tornado caused no reported damage.

Kingsbury County

3 W Arlington | **11** | **1636CST** | **0.1** | **50** | **0** | **0** | | | **Tornado (F0)**

A brief tornado caused no reported damage.

Kingsbury County

4 N Arlington | **11** | **1644CST** | | | **0** | **0** | | | **Hail (0.75)**

Beadle County

16 NE Cavour | **11** | **1610CST** | | | **0** | **0** | | **100K** | **Hail (1.75)**

Large hail caused crop damage.

Jerauld County

Alpena | **11** | **1615CST** | | | **0** | **0** | **50K** | | **Thunderstorm Wind (G61)**

Thunderstorm winds caused widespread tree damage, with numerous limbs and small trees down.

Lake County

Countywide | **11** | **1640CST 1700CST** | | | **0** | **0** | **500K** | **1M** | **Hail (4.00)**

Large hail severely damaged buildings mobile homes, vehicles, and crops. Walls and vehicles were dented, paint was stripped, many windows were broken, holes were punched in roofs, and trees were severely damaged. There was also widespread damage to crops, especially corn crops which had previously been in excellent condition. Damage was especially notable in the Nunda, Madison, Lake Madison, Wentworth, and Chester areas.

Lake County

Countywide | **11** | **1640CST 1700CST** | | | **0** | **0** | **500K** | | **Thunderstorm Wind (G69)**

Thunderstorm winds caused widespread tree damage, damaged 90 to 95 trailers along the shore of Lake Madison, damaged more trailers near Wentworth, and damaged farm buildings.

Jerauld County

3 S Lane | **11** | **1645CST** | | | **0** | **0** | | | **Thunderstorm Wind (G52)**

Aurora County

7 N White Lake | **11** | **1650CST** | | | **0** | **0** | **100K** | | **Thunderstorm Wind (G57)**

Thunderstorm winds caused widespread tree damage and also damaged at least two buildings.

Brookings County

8 SW Brookings | **11** | **1655CST 1720CST** | | | **0** | **0** | **200K** | **200K** | **Hail (2.75)**

Large hail broke windows and otherwise damaged houses and vehicles. The hail also caused significant crop damage.

Lake County

4 SW Madison to 3 S Madison | **11** | **1655CST 1700CST** | **2** | **100** | **0** | **0** | **50K** | | **Tornado (F2)**

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

SOUTH DAKOTA, Southeast

A tornado destroyed storage sheds, lighting, fencing, and caused other damage at Lake County Speedway. The tornado also damaged crops over a small area.

Moody County
12 NW Flandreau — **11** — **1700CST** / **1715CST** — **0** — **0** — **100K** — **200K** — **Hail (2.75)**

Large hail damaged crops and trees. The hail also broke windows and dented vehicles.

Brookings County
3 SE Sinai — **11** — **1700CST** — **0** — **0** — **Hail (1.00)**

Moody County
13 N Colman — **11** — **1710CST** — **0** — **0** — **Hail (1.00)**

Moody County
Colman — **11** — **1740CST** — **0** — **0** — **Hail (0.75)**

Moody County
4 S Colman — **11** — **1745CST** — **0** — **0** — **Hail (2.75)**

Moody County
5 N Colman — **11** — **1715CST** — **0** — **0** — **10K** — **Thunderstorm Wind (G57)**

Thunderstorm winds tore the roof off a cattle shed. The winds also caused tree damage, including at least 20 trees blown down.

Lake County
5 NW Chester — **11** — **1715CST** / **1735CST** — **0** — **0** — **10K** — **Hail (2.75)**

Large hail caused damage to vehicles and crops, but the amount of crop damage was not known.

Lake County
Wentworth — **11** — **1720CST** / **1740CST** — **0** — **0** — **10K** — **Thunderstorm Wind (G57)**

Thunderstorm winds caused tree damage, including numerous branches down.

Aurora County
4 NE Stickney to 3 NE Stickney — **11** — **1730CST** — **0** — **0** — **Thunderstorm Wind (G57)**

Thunderstorm winds caused tree damage, including 6 to 8 inch diameter limbs broken off, and a 50 foot high tree broken off.

Davison County
9 SW Mt Vernon — **11** — **1730CST** — **0** — **0** — **Thunderstorm Wind (G52)**

Thunderstorm winds caused tree damage, including several large branches blown down.

Davison County
6 SE Mt Vernon — **11** — **1740CST** — **0** — **0** — **Hail (1.00)**

Davison County
11 W Ethan — **11** — **1747CST** — **0** — **0** — **Thunderstorm Wind (G52)**

Thunderstorm winds caused tree damage, including a one foot diameter tree broken off.

Mccook County
5 E Salem — **11** — **1755CST** — **0.1** — **50** — **0** — **0** — **Tornado (F0)**

A brief tornado caused no reported damage.

Mccook County
3 E Salem — **11** — **1755CST** — **0** — **0** — **100K** — **Thunderstorm Wind (G57)**

Thunderstorm winds damaged a house and garage.

Moody County
Trent — **11** — **1755CST** — **0** — **0** — **Hail (1.75)**

Minnehaha County
5 N Baltic — **11** — **1756CST** — **0.1** — **50** — **0** — **0** — **Tornado (F0)**

A brief tornado caused no reported damage.

Mccook County
Canistota — **11** — **1759CST** — **0.1** — **50** — **0** — **0** — **Tornado (F0)**

A brief tornado caused no reported damage.

Minnehaha County
Dell Rapids — **11** — **1800CST** — **0** — **0** — **Hail (1.75)**

Minnehaha County
3 NW Garretson — **11** — **1815CST** — **0** — **0** — **Hail (1.00)**

Mccook County
5 E Canistota — **11** — **1805CST** — **0** — **0** — **100K** — **Thunderstorm Wind (G52)**

Thunderstorm winds destroyed several farm buildings, moved a large barn from its foundation, broke windows, and tore off siding from a house. The winds also caused tree damage, including large trees uprooted.

Minnehaha County
Hartford — **11** — **1823CST** — **0** — **0** — **Thunderstorm Wind (G52)**

Thunderstorm winds caused tree damage, including some trees blown down.

Storm Data and Unusual Weather Phenomena

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
SOUTH DAKOTA, Southeast									
Turner County									
4 S Parker	**11**	**1825CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G52)**
Thunderstorm winds severely damaged three outbuildings on a farm. The winds also caused tree damage and blew down power lines, resulting in brief power outages. Crops, especially corn, were damaged by the wind, but the amount of damage was not determined.									
Turner County									
3 SW Chancellor	**11**	**1835CST**			**0**	**0**	**50K**		**Thunderstorm Wind (G61)**
Thunderstorm winds blew down and uprooted large trees, blew the roof off a barn, and blew a hog building into a ravine.									
Turner County									
Chancellor	**11**	**1837CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Lincoln County									
9 S Lennox	**11**	**1840CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Thunderstorm winds caused tree damage, including numerous branches down.									
Lincoln County									
9 S Lennox	**11**	**1900CST**			**0**	**0**			**Hail (1.00)**
Clay County									
3 S Wakonda to	**11**	**1900CST**			**0**	**0**	**20K**		**Thunderstorm Wind (G65)**
5 W Vermillion		**1920CST**							
Thunderstorm winds caused widespread tree damage including numerous large branches and some small trees down.									
Yankton County									
Yankton	**11**	**1900CST**			**0**	**0**	**30K**		**Thunderstorm Wind (G52)**
Thunderstorm winds caused tree damage, including small trees blown down. The winds also blew down power lines, causing power outages in several parts of Yankton.									
Kingsbury County									
Osceola	**24**	**0837CST**			**0**	**0**			**Hail (1.25)**
Kingsbury County									
2 E Osceola	**24**	**0845CST**			**0**	**0**			**Hail (1.00)**
Beadle County									
Huron	**24**	**0930CST**			**0**	**0**			**Hail (0.75)**
Moody County									
8 W Flandreau	**25**	**1715CST**			**0**	**0**			**Hail (1.00)**
Moody County									
5 SE Flandreau	**25**	**1738CST**			**0**	**0**			**Hail (1.00)**
SOUTH DAKOTA, West									
Meade County									
4 SSW Plainview	**01**	**1815MST**			**0**	**0**			**Hail (1.00)**
Meade County									
2 N Howes	**01**	**1850MST**			**0**	**0**			**Hail (0.75)**
Tripp County									
9 S Colome	**01**	**1900MST**			**0**	**0**			**Hail (0.75)**
		1911MST							
Tripp County									
9 S Colome	**01**	**1900MST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Several 300 pound hog feeders were blown over and damaged.									
Ziebach County									
15 S Dupree	**01**	**1930MST**			**0**	**0**			**Hail (0.75)**
Ziebach County									
15 S Dupree	**01**	**1930MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Meade County									
3 E White Owl	**03**	**1346MST**			**0**	**0**			**Hail (0.75)**
Todd County									
2 SW Parmelee	**03**	**1500MST**			**0**	**0**			**Hail (0.88)**
Mellette County									
White River	**03**	**1540MST**			**0**	**0**			**Hail (0.75)**
		1548MST							
Todd County									
Mission	**03**	**1601MST**			**0**	**0**			**Hail (0.75)**
Todd County									
22 S Mission	**03**	**1635MST**			**0**	**0**			**Hail (0.75)**
Todd County									
22 S Mission	**03**	**1653MST**			**0**	**0**	**3K**		**Hail (1.00)**
Seven vehicles had windows shattered by the hail.									

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
SOUTH DAKOTA, West									
Todd County									
1 SSW Mission	**03**	**1630MST**			**0**	**0**			**Flash Flood**
Numerous roads in the county had minor flooding. The largest area covered 150 yards of a gravel road with several inches of water, just to the south-southwest of Mission.									
Butte County									
11 NE Castle Rock	**04**	**1853MST**			**0**	**0**			**Hail (1.75)**
		1903MST							
Meade County									
3 W Fairpt to	**04**	**1940MST**			**0**	**0**	**100K**	**75K**	**Hail (2.50)**
5 N Howes		**2035MST**							
Meade County									
3 W Fairpt to	**04**	**1940MST**			**0**	**0**			**Thunderstorm Wind (G69)**
5 N Howes		**2035MST**							
Ziebach County									
10 SE Red Scaffold to	**04**	**2100MST**			**0**	**0**			**Hail (1.75)**
8 N Cherry Creek		**2110MST**							
Haakon County									
6 N Kirley	**04**	**2110MST**			**0**	**0**			**Thunderstorm Wind (G60)**
Ziebach County									
Cherry Creek	**04**	**2130MST**			**0**	**0**	**50K**		**Thunderstorm Wind**
A single thunderstorm that originated along the Wyoming and Montana state line moved across west-central South Dakota. Hail the size of golfballs and baseballs were reported throughout central Meade County. Also in Meade County, high winds with gusts estimated over 80 mph, caused extensive damage. Numerous sheds were blown down, homes had siding and roof damage, 2x4's were driven into walls, trees were blown over, large hay bales were rolled across fields, and six power poles were blown over. 40 lambs and ewes were killed by the large hail; with another 40 were crippled or blinded and had to be destroyed. In Ziebach County, a mobile home was damaged by high winds. Several outbuildings were also damaged.									
Lawrence County									
Spearfish	**05**	**1440MST**			**0**	**0**			**Hail (1.00)**
		1445MST							
Lawrence County									
9 W Spearfish	**05**	**1456MST**			**0**	**0**			**Hail (1.00)**
		1512MST							
Lawrence County									
5 W St Onge	**05**	**1605MST**			**0**	**0**			**Hail (0.75)**
Harding County									
Reva	**06**	**1817MST**			**0**	**0**			**Hail (1.00)**
Lawrence County									
2 NE Deadwood	**10**	**1327MST**			**0**	**0**			**Hail (0.75)**
Lawrence County									
Deadwood to	**10**	**1407MST**			**0**	**0**			**Hail (1.00)**
4 NE Deadwood		**1425MST**							
Lawrence County									
7 SE Deadwood	**10**	**1450MST**			**0**	**0**			**Hail (0.75)**
Meade County									
8 S Sturgis	**10**	**1450MST**			**0**	**0**			**Hail (0.75)**
Meade County									
4 NW Tilford	**10**	**1500MST**			**0**	**0**			**Hail (1.75)**
Lawrence County									
3 NW Nemo	**10**	**1520MST**			**0**	**0**			**Hail (1.50)**
		1535MST							
Lawrence County									
3 NW Nemo	**10**	**1520MST**			**0**	**0**			**Thunderstorm Wind (G69)**
		1535MST							
Meade County									
Piedmont	**10**	**1537MST**			**0**	**0**			**Hail (0.75)**
Meade County									
3 SE Piedmont to	**10**	**1605MST**			**0**	**0**			**Hail (1.50)**
Black Hawk		**1625MST**							
Pennington County									
2 NE Silver City	**10**	**1611MST**			**0**	**0**			**Hail (0.75)**
Fall River County									
10 S Oelrichs	**12**	**1430MST**			**0**	**0**			**Hail (0.75)**
Pennington County									
10 NE Quinn	**13**	**1905MST**			**0**	**0**			**Hail (0.88)**

Storm Data and Unusual Weather Phenomena

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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
SOUTH DAKOTA, West									
Pennington County									
10 NE Quinn	**13**	**1905MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Custer County									
Wind Cave	**14**	**1000MST**			**0**	**0**			**Wild/Forest Fire**
Lightning caused a wildfire that burned 1,136 acres of Wind Cave National Park.									
Jackson County									
Countywide	**14**	**1000MST**			**0**	**0**			**Wild/Forest Fire**
Lightning caused seven small wildfires throughout the county. Fires were generally contained within several hours.									
Fall River County									
5 E Edgemont	**14**	**1200MST**			**0**	**0**			**Wild/Forest Fire**
Lightning caused a wildfire that burned 150 acres to the east of Edgemont.									
Jackson County									
2 E Cottonwood	**14**	**1800MST**			**0**	**0**			**Thunderstorm Wind (G69)**
Numerous trees had large branches broken.									
Perkins County									
15 W Lodgepole	**14**	**1915MST**			**0**	**0**			**Hail (1.00)**
Harding County									
6 NE Reva	**14**	**2010MST**			**0**	**0**			**Hail (1.00)**
Perkins County									
15 W Lodgepole to	**14**	**2030MST**			**0**	**0**	**75K**	**200K**	**Thunderstorm Wind**
15 NW Prairie City		**2050MST**							
Hail, up to baseball size, and high winds estimated to 80 mph were reported in the northwest corner of the county. A mobile home and some near by outbuildings were destroyed. Approximately 28,800 acres of crops were a 100 percent loss. Several fields of corn which were 3-4 feet high had stalks completely sheared off at the bases.									
Mellette County									
3 S Norris	**15**	**1430MST**	**0.5**	**10**	**0**	**0**			**Tornado (F0)**
		1440MST							
Mission Fire Dept. reported a tornado on the ground for approximately ten minutes. The tornado touched down in open pasture and did not cause any damage.									
Bennett County									
Vetal	**15**	**1435MST**			**0**	**0**			**Hail (0.88)**
Bennett County									
Vetal	**15**	**1435MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Harding County									
5 N Ralph	**19**	**1325MST**			**0**	**0**		**50K**	**Hail (1.50)**
Over 2,000 acres of crops were damaged by the large hail.									
Harding County									
1 N Ralph	**19**	**1345MST**			**0**	**0**			**Hail (1.75)**
Meade County									
8 S Maurine	**19**	**1600MST**			**0**	**0**			**Thunderstorm Wind (G52)**
A garage door was blown off a building and several large trees had broken branches.									
Ziebach County									
2 W Glad Vly	**19**	**1608MST**			**0**	**0**			**Hail (0.88)**
Meade County									
Red Owl	**19**	**1630MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Meade County									
Howes	**19**	**1645MST**			**0**	**0**			**Thunderstorm Wind (G57)**
Pennington County									
18 NE Creighton	**19**	**1705MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Fall River County									
8 NE Oral	**19**	**1725MST**			**0**	**0**			**Hail (0.88)**
Pennington County									
5 W Wasta	**19**	**1725MST**			**0**	**0**			**Hail (0.88)**
		1735MST							
Pennington County									
Wasta	**19**	**1725MST**			**0**	**0**			**Hail (0.75)**
		1735MST							

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
SOUTH DAKOTA, West									
Pennington County									
Wasta	**19**	**1725MST**			**0**	**0**			**Thunderstorm Wind (G65)**
		1735MST							
Pennington County									
9 NE Scenic	**19**	**1754MST**			**0**	**0**			**Hail (0.88)**
Haakon County									
8 N Philip	**19**	**1815MST**			**0**	**0**			**Hail (1.00)**
Jackson County									
15 SE Kadoka	**19**	**1858MST**			**0**	**0**			**Hail (1.00)**
Jackson County									
7 E Longvalley	**19**	**1945MST**			**0**	**0**			**Hail (1.00)**
Jackson County									
7 E Longvalley	**19**	**1945MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Todd County									
2 SW Parmelee	**19**	**2000MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Pennington County									
Rochford	**20**	**1522MST**			**0**	**0**			**Hail (0.75)**
		1530MST							
Pennington County									
2 NE Silver City	**20**	**1550MST**			**0**	**0**			**Hail (0.75)**
Mellette County									
11 NE White River	**21**	**1100MST**			**0**	**0**			**Hail (1.00)**
Mellette County									
Wood to	**21**	**1135MST**			**0**	**0**	**5K**		**Hail (2.75)**
1 NE Wood		**1140MST**							
A few homes had damage to gutters and siding. A patio door was shattered.									
Custer County									
5 E Buffalo Gap	**21**	**1155MST**			**0**	**0**			**Hail (1.75)**
Bennett County									
Martin	**21**	**1230MST**			**0**	**0**			**Hail (1.75)**
Todd County									
Okreek	**21**	**1230MST**			**0**	**0**			**Hail (3.25)**
Bennett County									
Martin	**21**	**1240MST**			**0**	**0**			**Hail (1.00)**
		1255MST							
Todd County									
Hidden Timber	**21**	**1305MST**			**0**	**0**			**Hail (1.75)**
Mellette County									
White River	**21**	**1420MST**			**0**	**0**			**Hail (1.25)**
		1430MST							
Meade County									
1 N Hereford	**21**	**1605MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Fall River County									
Rumford	**21**	**1610MST**			**0**	**0**			**Hail (1.25)**
Fall River County									
4 S Oelrichs	**21**	**1638MST**			**0**	**0**			**Hail (0.75)**
Bennett County									
12 W Martin	**24**	**0100MST**			**0**	**0**			**Wild/Forest Fire**
Lightning caused three fires which burned 8,000 acres of land in southwestern Bennett County. The fires were contained within 24 hours.									
Mellette County									
8 SE Mosher	**24**	**1548MST**			**0**	**0**			**Hail (2.75)**
Todd County									
6 E Okreek	**24**	**1548MST**			**0**	**0**			**Hail (2.75)**
Mellette County									
7 S Mosher	**24**	**1550MST**	**1**	**100**	**0**	**0**			**Tornado (F0)**
		1605MST							
Tripp County									
Carter	**24**	**1550MST**			**0**	**0**			**Hail (2.75)**
Tripp County									
5 NNW Clearfield	**24**	**1605MST**	**0.5**	**10**	**0**	**0**			**Tornado (F0)**

Storm Data and Unusual Weather Phenomena

July 2000

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
SOUTH DAKOTA, West									
Tripp County									
12 N Winner	**24**	**1650MST**			**0**	**0**			**Hail (1.75)**
A NWS storm survey indicated that the first tornado in Mellette County touched down in a field. There was just minor damage to a corn field. Hail, up to baseball size, was reported with the storm over a three county area as it moved to the south. Some homes had damage to siding and trees had leaves and branches shredded off. Another tornado formed after the storm moved into Tripp County. It was smaller then the first and caused no damage. The storm later moved into Nebraska.									
Lawrence County									
Lead	**27**	**2030MST**			**0**	**0**	**5K**		**Lightning**
Lightning struck a cable that supplies power to one of the mine shafts at the Homestake Mining Co. This caused problems with the shaft elevator, the compressor and milling operations. There were people at the bottom of the mine who were not able to exit through the shaft. Instead they took mining tractors through the mining tunnels to another shaft and exited there.									
Pennington County									
3 SW Keystone	**27**	**2057MST**			**0**	**0**			**Hail (0.75)**
Harding County									
Camp Crook	**27**	**2145MST**			**0**	**0**			**Thunderstorm Wind (G56)**
3-4 inch branches broken off trees.									
Jackson County									
Interior	**27**	**2214MST**			**0**	**0**			**Hail (1.00)**
		2230MST							
Meade County									
12 SW Hereford	**27**	**2225MST**			**0**	**0**			**Hail (1.00)**
Pennington County									
18 NW Creighton	**28**	**0000MST**			**0**	**0**			**Hail (0.75)**
TENNESSEE, Central									
Wilson County									
7 SE Lebanon	**06**	**1501CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Law enforcement reported trees down on Ocean Road and Big Springs road between Lebanon and Watertown.									
Grundy County									
Palmer	**06**	**1511CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Law enforcement reported trees down in Palmer and Gruetli.									
Putnam County									
Cookeville	**06**	**1530CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G50)**
A large tree fell on a picnic shelter.									
Maury County									
5 N Columbia	**06**	**1830CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Law enforcement reported trees and power lines down. Roads were blocked by trees in northern Maury county.									
Williamson County									
Franklin	**06**	**1906CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Trees down on Garrison Road and also along Old Highway 96 in Eastern Williamson county.									
Lincoln County									
West Portion	**06**	**1700CST**			**0**	**0**			**Thunderstorm Wind (G50)**
EMA reported about 12 trees blown down in the western part of the county affecting towns such as Boonshill and Red Oak.									
White County									
12 SW Sparta	**11**	**1645CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Law enforcement reported several trees down.									
White County									
Walling	**11**	**1655CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees down near Walling and power is out in 1/2 of the county.									
Pickett County									
Byrdstown	**11**	**1815CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees and power lines were down.									
White County									
8 NNW Sparta	**12**	**0300CST**			**0**	**0**			**Flash Flood**
		0410CST							
Water was reported on Burgess Falls Road making it impassable. Sheriff's office placed high water warning signs.									
Montgomery County									
Clarksville	**12**	**1245CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Numerous trees and power lines down.									
Humphreys County									
Mc Ewen	**12**	**1300CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Law enforcement reported damage to some roofs and a feedmill.									

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TENNESSEE, Central									
Cheatham County									
5 NW Ashland City	**12**	**1315CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Law enforcement reported trees down.									
Wayne County									
Collinwood	**15**	**1803CST**			**0**	**0**			**Thunderstorm Wind (G50)**
2 trees were blown down. Hail the size of a pea to a fingernail reported.									
Benton County									
4 SW Camden	**20**	**1421CST**			**0**	**0**			**Hail (0.75)**
Sheriff's office reported penny size hail.									
Perry County									
Countywide	**20**	**1430CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G55)**
Sheriff reported trees down around the county. One tree fell on a trailer.									
Wayne County									
Waynesboro	**20**	**1455CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G61)**
Numerous trees down. One tree fell on a house.									
Wayne County									
15 SE Waynesboro	**20**	**1459CST**			**0**	**0**			**Hail (0.75)**
SKYWARN Spotter reported dime size hail.									
Lawrence County									
3 NNE Lawrenceburg to 3.1 NNE Lawrenceburg	**20**	**1510CST**	**0.1**	**25**	**0**	**0**	**2K**		**Tornado (F0)**
F0 tornado touched down near David Crockett State Park at a golf course. Trees were down on fairways number 1,7,8,9 and 18. A 100 foot command tower was damaged.									
Lewis County									
Hohenwald	**20**	**1515CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Several trees blown down.									
Lawrence County									
South Portion	**20**	**1520CST**			**0**	**0**	**10K**		**Thunderstorm Wind (G65)**
Spotter reported numerous trees and utility poles down. A tree crashed through a bay window of a home. 13 utility poles were knocked down causing 10,000 customers to be without power.									
Hickman County									
Centerville	**20**	**1530CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Sheriff reported a tree down on a road on Highway 48 south.									
Marshall County									
Archer	**20**	**1535CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G60)**
Sheriff's office reported damage to roof of a home located at Highway 272 and 129. Also 3 trees down at Cornersville.									
Giles County									
Countywide	**20**	**1550CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Sheriff reported trees down around the county.									
Maury County									
Culleoka	**20**	**1559CST**			**0**	**0**			**Thunderstorm Wind (G70)**
Fire department reported many trees down.									
Marshall County									
South Portion	**20**	**1625CST**			**0**	**0**			**Thunderstorm Wind (G61)**
SKYWARN Spotter reported trees down in the southern part of the county.									
Moore County									
Countywide	**20**	**1635CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Highway department reported about a dozen trees down around the county.									
Franklin County									
Winchester	**20**	**1645CST**			**0**	**0**			**Thunderstorm Wind (G61)**
Sheriff's department reported trees down at Winchester and Old Salem.									
Lincoln County									
Countywide	**20**	**1620CST 1630CST**			**0**	**0**	**20K**		**Thunderstorm Wind (G70)**
EMA reported numerous trees and power lines down across the county...especially between Fayetteville and Coldwater. Some trees fell on cars. One man was killed flying a gyrocopter in the southern Vanntown area just off Holster Creek Road at 428 PM CST.									
Robertson County									
2 SW Greenbrier	**27**	**1838CST**			**0**	**0**			**Hail (1.00)**
Spotter reported quarter size hail.									
Sumner County									
Millersville	**27**	**1855CST**			**0**	**0**			**Hail (0.75)**
Spotter reported dime size hail.									
Sumner County									
Millersville	**27**	**1905CST**			**0**	**0**			**Hail (1.00)**

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TENNESSEE, Central									
	Spotter reported quarter size hail.								
Macon County									
5 NW Lafayette	**27**	**2042CST**			**0**	**0**			**Thunderstorm Wind (G55)**
	Tri-County Electric reported major power outages in the northwest part of the county due to downed power lines.								
Robertson County									
Springfield	**28**	**1345CST**			**0**	**0**			**Urban/Sml Stream Fld**
		1500CST							
	Flooding in low lying areas in Springfield with some areas up to one foot of water.								
Robertson County									
Springfield	**28**	**1350CST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Utility company reported power lines down.								
Davidson County									
5 W Nashville	**29**	**1200CST**			**0**	**0**	**1K**		**Thunderstorm Wind (G50) M**
	Spotter measured 58 mph wind gust. Also, a tree fell on a MTA bus in south Nashville.								
Franklin County									
2 NW Decherd	**30**	**1530CST**			**0**	**0**			**Thunderstorm Wind (G55)**
	Decherd fire department reported trees blown down near intersection of U.S. Highway 41A and 127.								
Wilson County									
Watertown	**30**	**1700CST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Electric company reported trees down on power lines.								
Cannon County									
5 NE Woodbury	**30**	**1725CST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Law enforcement reported trees down on Sycamore Creek Road.								
Cumberland County									
5 SE Crossville	**30**	**1750CST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Law enforcement reported trees down on Deep Draw Rd.								
Clay County									
3 SE Celina	**30**	**1800CST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Trees down on Poor House Ridge Road.								
Cumberland County									
Crab Orchard	**30**	**1805CST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Law enforcement reported trees down on U.S. Highway 70 near Crab Orchard.								
Fentress County									
Clarkrange	**30**	**1810CST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Volunteer Electric reported trees down on power lines.								
Lawrence County									
Lawrenceburg	**31**	**1400CST**			**0**	**0**			**Flash Flood**
		1700CST							
	SKYWARN Spotter reported stalled cars in underpass in Lawrenceburg.								
Cannon County									
3 SE Auburntown	**31**	**1700CST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Law enforcement reported trees down on county road near intersection of Highway 96 and 145.								
TENNESSEE, East									
Greene County									
2 W Greeneville	**06**	**1445EST**			**0**	**0**	**15K**	**8K**	**Thunderstorm Wind**
	Trees down and 4 barns blown over, several porches damaged.								
Bledsoe County									
Pikeville	**06**	**1520CST**			**0**	**0**		**5K**	**Thunderstorm Wind**
	Trees down.								
Hamilton County									
3 E Soddy Daisy	**06**	**1527EST**			**0**	**0**			**Hail (0.75)**
Bledsoe County									
Countywide	**06**	**1530CST**			**0**	**0**		**12K**	**Thunderstorm Wind**
	Trees down.								
Sequatchie County									
South Portion	**06**	**1540CST**			**0**	**0**		**10K**	**Thunderstorm Wind**
	Trees down.								
Marion County									
1 N Whitwell	**06**	**1540CST**			**0**	**0**		**7K**	**Thunderstorm Wind**
	Trees down.								
Bradley County									
2 S Cleveland	**06**	**1600EST**			**0**	**0**		**3K**	**Thunderstorm Wind**
	Trees down.								

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TENNESSEE, East									
Blount County									
3 N Townsend	**06**	**1625EST**			**0**	**0**	**10K**	**9K**	**Thunderstorm Wind**
Trees and power lines down.									
Mcminn County									
4 NW Athens	**06**	**1630EST**			**0**	**0**		**6K**	**Thunderstorm Wind**
Trees down.									
Blount County									
3 N Townsend	**06**	**1645EST**			**0**	**0**	**4K**	**6K**	**Thunderstorm Wind**
Trees and power lines down.									
Mcminn County									
1 S Murray Store	**06**	**1648EST**			**0**	**0**	**8K**	**5K**	**Thunderstorm Wind**
Roof off house and barn just off county road 231.									
Cocke County									
Del Rio	**06**	**1700EST**			**0**	**0**	**3K**	**6K**	**Thunderstorm Wind**
Trees and power lines down.									
Cocke County									
Del Rio	**06**	**1730EST**			**0**	**0**		**8K**	**Thunderstorm Wind**
Trees down.									
Hamilton County									
Countywide	**06**	**1730EST**			**0**	**0**	**15K**	**20K**	**Thunderstorm Wind**
		1735EST							
Trees down. A gutter blown off a house in Mowbray.									
Polk County									
Ducktown	**06**	**1735EST**			**0**	**0**	**3K**	**8K**	**Thunderstorm Wind**
Trees and powerlines down.									
Sullivan County									
Bloomingdale	**11**	**0119EST**			**0**	**0**		**1K**	**Thunderstorm Wind**
Large limbs down.									
Blount County									
Maryville	**11**	**1820EST**			**0**	**0**		**4K**	**Thunderstorm Wind**
Trees down.									
Blount County									
Alcoa	**11**	**1900EST**			**0**	**0**		**8K**	**Thunderstorm Wind**
Trees down.									
Polk County									
5 NW Ducktown	**12**	**1430EST**			**0**	**0**		**11K**	**Thunderstorm Wind**
Trees down.									
Hawkins County									
2 W Rogersville	**14**	**2110EST**			**0**	**0**		**10K**	**Thunderstorm Wind**
Trees down.									
Claiborne County									
Tazewell	**14**	**2110EST**			**0**	**0**		**10K**	**Thunderstorm Wind**
Trees down, mainly across the eastern portion of the county.									
Grainger County									
5 SE Rutledge	**14**	**2140EST**			**0**	**0**		**15K**	**Thunderstorm Wind**
Trees down.									
Hamblen County									
2 NW Morristown	**14**	**2150EST**			**0**	**0**		**5K**	**Thunderstorm Wind**
Trees down.									
Greene County									
Greeneville	**14**	**2155EST**			**0**	**0**		**7K**	**Thunderstorm Wind**
Trees down.									
Greene County									
Mohawk to 2 NE Tusculum	**14**	**2155EST**			**0**	**0**		**15K**	**Thunderstorm Wind**
Trees down. Information also relayed by trained spotter.									
Washington County									
1 NE Limestone	**14**	**2210EST**			**0**	**0**		**8K**	**Thunderstorm Wind**
Trees down on highway 34.									
Hamblen County									
Countywide	**14**	**2215EST**			**0**	**0**		**14K**	**Thunderstorm Wind**
Trees down, especially the western section.									

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TENNESSEE, East									
Washington County									
4 S Limestone	**14**	**2215EST**			**0**	**0**		**5K**	**Thunderstorm Wind**
Trees down on highway 107.									
Cocke County									
Bybee	**14**	**2220EST**			**0**	**0**		**9K**	**Thunderstorm Wind**
Trees down.									
Jefferson County									
4 NW White Pine	**14**	**2220EST**			**0**	**0**			**Hail (0.75)**
Unicoi County									
Countywide	**14**	**2230EST**			**0**	**0**		**15K**	**Thunderstorm Wind**
Trees down.									
Carter County									
3 NE Hampton	**14**	**2235EST**			**0**	**0**		**8K**	**Thunderstorm Wind**
Tree and large limbs down on highway 321.									
Cocke County									
Cosby	**14**	**2245EST**			**0**	**0**		**5K**	**Thunderstorm Wind**
Tree and large limbs down across highway 321.									
Cocke County									
3 NE Newport	**19**	**1655EST**			**0**	**0**		**10K**	**Thunderstorm Wind**
Trees down.									
Marion County									
South Pittsburg	**20**	**1730CST**			**0**	**0**		**5K**	**Thunderstorm Wind**
Trees down.									
Scott County									
1 S Oneida	**28**	**1240EST**			**0**	**0**			**Hail (0.75)**
Rhea County									
1 N Spring City	**28**	**1305EST**			**0**	**0**		**9K**	**Thunderstorm Wind**
Trees down.									
Meigs County									
2 W Ten Mile	**28**	**1310EST**			**0**	**0**			**Hail (1.00)**
Claiborne County									
2 NE Pleasant Hill	**28**	**1417EST**			**0**	**0**			**Hail (1.75)**
Hail recorded in Powell Valley.									
Claiborne County									
2 NE Pleasant Hill	**28**	**1420EST**			**0**	**0**			**Hail (1.00)**
Grainger County									
Rutledge	**28**	**1450EST**			**0**	**0**			**Hail (0.75)**
Monroe County									
Tellico Plains	**28**	**1515EST**			**0**	**0**		**5K**	**Thunderstorm Wind**
Trees down.									
Hamilton County									
Signal Mtn	**28**	**1540EST**			**0**	**0**		**9K**	**Thunderstorm Wind**
Trees down.									
Sullivan County									
2 SE Colonial Hgts	**28**	**1620EST**			**0**	**0**			**Hail (1.75)**
Near the county line with Washington County.									
Washington County									
Johnson City	**28**	**1620EST**			**0**	**0**	**12K**	**11K**	**Thunderstorm Wind**
Trees and power lines down.									
Washington County									
Spurgeon	**28**	**1620EST**			**0**	**0**			**Hail (1.75)**
Greene County									
Baileyton	**28**	**1625EST**			**0**	**0**		**5K**	**Thunderstorm Wind**
Trees down.									
Greene County									
Union Temple	**28**	**1625EST**			**0**	**0**		**4K**	**Thunderstorm Wind**
Trees down.									
Blount County									
Townsend	**28**	**1645EST**			**0**	**0**			**Hail (0.75)**
Sevier County									
4 S Gatlinburg	**28**	**1655EST**			**0**	**0**		**15K**	**Thunderstorm Wind**
Trees down.									

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TENNESSEE, East									
Sullivan County									
Piney Flats to Bluff City	**28**	**1655EST**			**0**	**0**	**20K**	**10K**	**Thunderstorm Wind**
Trees and power lines down.									
Johnson County									
Mountain City	**28**	**1710EST**			**0**	**0**			**Hail (1.75)**
Sevier County									
Gatlinburg	**28**	**1740EST**			**0**	**0**	**14K**		**Thunderstorm Wind**
Power lines down.									
Rhea County									
1 S Spring City	**28**	**1840EST**			**0**	**0**		**7K**	**Thunderstorm Wind**
Trees down.									
Anderson County									
Claxton	**28**	**2000EST**			**0**	**0**		**8K**	**Thunderstorm Wind**
Trees down.									
Knox County									
Knoxville	**28**	**2030EST**			**0**	**0**		**6K**	**Thunderstorm Wind**
Trees down on Chapman Highway.									
Hamilton County									
Chattanooga	**29**	**1700EST**			**0**	**0**	**10K**	**7K**	**Thunderstorm Wind**
Trees and power lines down.									
Hamilton County									
Hixon	**29**	**1700EST**			**0**	**0**			**Hail (0.75)**
Hamilton County									
Hixon	**29**	**1700EST**			**0**	**0**		**7K**	**Thunderstorm Wind**
Trees down in Chester Frost Park.									
Hamilton County									
Harrison	**29**	**1707EST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Mcminn County									
Athens	**29**	**1755EST**			**0**	**0**		**1K**	**Thunderstorm Wind**
Large limbs off trees.									
Meigs County									
7 SW Decatur	**29**	**1800EST**			**0**	**0**		**10K**	**Thunderstorm Wind**
Trees down.									
Monroe County									
Sweetwater	**29**	**1800EST**			**0**	**0**		**10K**	**Thunderstorm Wind**
Trees down.									
Monroe County									
Madisonville	**29**	**1830EST**			**0**	**0**		**13K**	**Thunderstorm Wind**
Trees down.									
Monroe County									
Sweetwater	**29**	**1830EST**			**0**	**0**		**8K**	**Thunderstorm Wind**
Trees down.									
Sevier County									
Sevierville	**29**	**1845EST**			**0**	**0**		**4K**	**Thunderstorm Wind**
Trees down.									
Loudon County									
Countywide	**29**	**1855EST**			**0**	**0**		**18K**	**Thunderstorm Wind**
Trees down.									
Jefferson County									
Dandridge	**29**	**1900EST**			**0**	**0**		**4K**	**Thunderstorm Wind**
Trees down.									
Knox County									
Countywide	**29**	**1925EST**			**0**	**0**		**20K**	**Thunderstorm Wind**
Trees down.									
Anderson County									
Countywide	**29**	**1930EST**			**0**	**0**		**15K**	**Thunderstorm Wind**
Trees down.									
Union County									
New Loyston	**29**	**2010EST**			**0**	**0**	**14K**	**16K**	**Thunderstorm Wind**
Trees and power lines down.									
Grainger County									
Red House	**29**	**2020EST**			**0**	**0**		**17K**	**Thunderstorm Wind**

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TENNESSEE, East									
	Trees down.								
Jefferson County									
Dandridge	**29**	**2025EST**			**0**	**0**		**11K**	**Thunderstorm Wind**
	Trees down near Indian Park.								
Claiborne County									
Central Portion	**29**	**2045EST**			**0**	**0**		**16K**	**Thunderstorm Wind**
	Trees down.								
Hamblen County									
Countywide	**29**	**2045EST**			**0**	**0**		**4K**	**Thunderstorm Wind**
	A few trees down.								
Monroe County									
1 W Vonore	**30**	**1220EST**			**0**	**0**		**7K**	**Thunderstorm Wind**
	Trees down.								
Sevier County									
Kodak	**30**	**1245EST**			**0**	**0**		**12K**	**Thunderstorm Wind**
	Trees down.								
Blount County									
2 NE Alcoa	**30**	**1300EST**			**0**	**0**		**5K**	**Thunderstorm Wind**
	Trees down.								
Jefferson County									
3 E Dandridge	**30**	**1300EST**			**0**	**0**	**9K**	**11K**	**Thunderstorm Wind**
	Trees and power lines down.								
Hamilton County									
Chattanooga	**30**	**1650EST**			**0**	**0**		**2K**	**Thunderstorm Wind**
	Large limbs down.								
Mcminn County									
2 E Athens	**30**	**1757EST**			**0**	**0**		**6K**	**Thunderstorm Wind**
	Trees down.								
Meigs County									
Central Portion	**30**	**1815EST**			**0**	**0**		**10K**	**Thunderstorm Wind**
	Trees down.								
Anderson County									
2 E Devonia	**30**	**1815EST**			**0**	**0**		**12K**	**Thunderstorm Wind**
	Trees down.								
Rhea County									
2 E Dayton	**30**	**1815EST**			**0**	**0**		**15K**	**Thunderstorm Wind**
	Trees down 2 miles East of Dayton, and across other areas of the county.								
TENNESSEE, West									
Madison County									
Gilmore	**12**	**1230CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1235CST							
	A couple of trees were blown down.								
Henderson County									
Scotts Hill	**12**	**1315CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1320CST							
	A few trees were knocked down.								
Lauderdale County									
Ashport	**20**	**1230CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
		1235CST							
	Several trees and power lines were knocked down.								
Lauderdale County									
Ripley	**20**	**1230CST**			**0**	**0**			**Thunderstorm Wind (G65)**
		1235CST							
Tipton County									
Covington	**20**	**1240CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1245CST							
	A few trees were blown down.								
Shelby County									
Memphis	**20**	**1248CST**			**0**	**0**			**Thunderstorm Wind (G55)** [M]
		1255CST							
	One of the television stations in Memphis reported a 61 mph wind gust off of their own weather equipment.								
Fayette County									
Piperton	**20**	**1315CST**			**0**	**1**	**5K**		**Thunderstorm Wind**
		1320CST							

Storm Data and Unusual Weather Phenomena

July 2000

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
TENNESSEE, West									
Several trees were blown down. One tree fell on a car injuring the driver.									
Fayette County									
Macon	**20**	**1328CST** **1335CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Some trees were blown down.									
Carroll County									
Countywide	**20**	**1330CST** **1345CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Several trees and power lines were blown down.									
Hardeman County									
Bolivar	**20**	**1330CST** **1335CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
A few trees were knocked down.									
Madison County									
Jackson	**20**	**1333CST** **1345CST**			**0**	**0**	**0.06K**		**Hail (0.88)**
Hail ranged in size from dimes to nickels.									
Madison County									
Jackson to Bemis	**20**	**1340CST** **1350CST**			**0**	**0**	**30K**		**Thunderstorm Wind**
Three houses suffered roof damage. Six cars were damaged. Numerous trees and power lines were blown down.									
Chester County									
Henderson	**20**	**1345CST** **1350CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
A few structures suffered minor damage. Several trees were blown down.									
Henderson County									
Huron to Lexington	**20**	**1354CST** **1405CST**			**0**	**0**	**5K**		**Thunderstorm Wind (G60)**
Several trees were blown down.									
Hardin County									
Morris Chapel to Savannah	**20**	**1415CST** **1425CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Some trees were knocked down.									
Decatur County									
Countywide	**20**	**1430CST** **1435CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Several trees and power lines were knocked down.									
Decatur County									
Parsons	**20**	**1435CST** **1440CST**			**0**	**0**	**15K**		**Lightning**
A barn was destroyed by a fire started by lightning.									
Weakley County									
Latham	**28**	**1725CST** **1730CST**			**0**	**0**	**0.01K**		**Hail (0.75)**
Mcnairy County									
Selmer	**29**	**1630CST** **1635CST**			**0**	**0**	**50K**		**Lightning**
A home was destroyed by a fire started by lightning.									
Hardin County									
Olivehill	**29**	**1720CST** **1725CST**			**0**	**0**	**0.75K**		**Hail (1.75)**
Shelby County									
Cordova	**29**	**1850CST** **1855CST**			**0**	**0**	**0.01K**		**Hail (0.75)**
TEXAS, Central									
Sterling County									
Sterling City	**01**	**2000CST** **2200CST**			**0**	**0**			**Flash Flood**
Two to four inches of rain fell across Sterling City, causing many city streets to become flooded.									
Menard County									
5 E Menard	**25**	**1655CST**			**0**	**0**	**15K**		**Thunderstorm Wind**
Many pecan and oak trees, some 300 years old, were toppled when a downburst struck near Menard. About 100 of the trees had diameters more than 2 feet in diameter. A gazebo was also heavily damaged by the falling trees.									

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
TEXAS, Central									
Mcculloch County									
Brady	**25**	**1720CST**			**0**	**0**			**Hail (0.88)**
Mcculloch County									
Brady	**25**	**1725CST**			**0**	**0**			**Hail (1.00)**
Mcculloch County									
Brady	**25**	**1725CST**			**0**	**0**	**15K**		**Thunderstorm Wind**
A downburst struck the town of Brady, causing damage to the north side of the city. Several buildings lost parts of their roofs, while tree and shingle damage was widespread. Hail up to 1 inch in diameter acompanied the storm.									
Mason County									
Mason	**25**	**1745CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
A downburst struck near the town of Mason. A telephone pole was snapped and several trees were blown over.									
Scattered severe storms developed during the early evening hours of the 25th across the Northwest Hill Country. Damaging downbursts struck near Menard, Mason, and Brady, causing mainly tree and roof damage.									
TEXAS, Central Southeast									
San Jacinto County									
Countywide	**01**	**2200CST**			**0**	**0**	**15K**		**Flash Flood**
		2330CST							
Flooding on US 190 and SH 150 between Evergreen and Coldspring with rainfall totals of 6 to 8 inches.									
TXZ163>164-176>179-195>200-210>214-226>227-235>238	**Houston - Trinity - Madison - Walker - San Jacinto - Polk - Burleson - Brazos - Washington - Grimes - Montgomery - Liberty - Colorado - Austin - Waller - Harris - Chambers - Wharton - Fort Bend - Jackson - Matagorda - Brazoria - Galveston**								
	06	**0600CST**			**19**	**0**			**Excessive Heat**
	23	**2300CST**							
Excessive heat impacted southeast Texas for much of the month of July. High temperatures ranged from 98 to 105 degrees on a daily basis over all but the immediate coast during a 2 week period. College Station recorded 12 consecutive days with temperatures of 100 degrees or higher. Highest temperatures for the month included 103 degrees at Houston Intercontinental Airport and 105 degrees at College Station. Only traces of rainfall were observed during this period. Of the 19 heat related deaths reported during this period, 17 were in Harris County and 2 were in Galveston County.									
F70PH, F43OU, M48PH, M50OU, M58PH, F62PH, M65PH, M66PH, M69PH, M69PH, F70PH, F72PH, F73PH, F73PH, M73PH, M77PH, F82PH, M82PH, M85PH									
Montgomery County									
5 NW Conroe	**23**	**1325CST**			**0**	**0**	**15K**		**Thunderstorm Wind**
Trees down in Walden near Lake Conroe.									
Montgomery County									
The Woodlands	**23**	**1400CST**			**0**	**0**	**50K**		**Thunderstorm Wind**
Roof blown off small business.									
Liberty County									
Countywide	**23**	**1420CST**			**0**	**0**	**50K**		**Thunderstorm Wind**
Widespread trees and power lines down over the southern half of the county.									
Harris County									
Tomball	**23**	**1425CST**			**0**	**0**	**10K**		**Hail (0.75)**
Harris County									
1 S Tomball	**23**	**1425CST**			**0**	**0**	**50K**		**Thunderstorm Wind**
Billboards and trees down on FM 2920 one mile south of FM 249.									
Harris County									
Jersey Village	**23**	**1435CST**			**0**	**0**	**100K**		**Thunderstorm Wind (G52)**
		1440CST							
Fiberglass roof blown off nursery at FM 1960 and Jones Rd. with numerous light poles blown down.									
Harris County									
Jersey Village	**23**	**1438CST**			**0**	**0**	**10K**		**Hail (0.75)**
Harris County									
Houston	**23**	**1445CST**			**0**	**0**	**50K**		**Thunderstorm Wind**
		1515CST							
Numerous reports of trees down in the Houston area with patio furniture damaged in the Montrose area. Wind gusts estimated of 50 to 55 mph.									
Liberty County									
3 W Devers	**23**	**1445CST**			**0**	**0**	**15K**		**Thunderstorm Wind**
Trees and power lines down.									
Chambers County									
Monroe City	**23**	**1455CST**			**0**	**0**	**15K**		**Thunderstorm Wind (G69)**
Power lines down along SH 65.									
Brazoria County									
Pearland	**23**	**1530CST**			**0**	**0**	**0**		**Funnel Cloud**
Numerous funnel clouds sighted west of SH 288 and FM 518.									

Storm Data and Unusual Weather Phenomena

July 2000

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

TEXAS, Central Southeast

Harris County
Houston **23** **1530CST** **0** **0** **15K** **Thunderstorm Wind**
Trees down along S. Braeswood in southwest Houston.

Fort Bend County
Sugarland **23** **1540CST** **0** **0** **200K** **Thunderstorm Wind**
Cars damaged by fallen light poles at car dealership on SH 6.

Chambers County
Countywide **23** **1615CST** **0** **0** **25K** **Thunderstorm Wind**
Numerous trees down across county with power lines down in Smith Point.

Galveston County
San Leon **23** **1615CST** **0** **0** **15K** **Thunderstorm Wind**
Power lines down.

Galveston County
Santa Fe **23** **1615CST** **0** **0** **15K** **Thunderstorm Wind**
Trees down.

Galveston County
Hitchcock **23** **1618CST** **0** **0** **50K** **Thunderstorm Wind**
Railroad crossbars blown down and touching power lines at FM 2004 and SH 6.

Brazoria County
Alvin **23** **1620CST** **0** **0** **15K** **Thunderstorm Wind**
Trees down on CR 284.

Austin County
Industry **23** **1630CST** **0** **0** **15K** **Thunderstorm Wind**
Trees down.

Galveston County
Galveston **23** **1645CST** **0** **0** **15K** **Thunderstorm Wind**
Power lines down.

Colorado County
Columbus **23** **1710CST** **0** **0** **15K** **Thunderstorm Wind**
Power lines down.

Austin County
Shelby **23** **1715CST** **0** **0** **15K** **Thunderstorm Wind**
Trees down.

Brazoria County
Freeport **23** **1715CST** **0** **0** **50K** **Thunderstorm Wind**
Wall of building blown down with trees down on Ave. A.

Wharton County
El Campo **23** **1738CST** **0** **0** **50K** **Thunderstorm Wind**
Awning of gas station blown off with car overturned.

Jackson County
Ganado **23** **1755CST** **0** **0** **50K** **Hail (1.75)**

Matagorda County
Midfield **23** **1820CST** **0** **0** **10K** **Thunderstorm Wind**
Large tree limbs down.

A rare mid summer cold front combined with extreme instability to produce a severe squall line which pushed through southeast Texas on the afternoon and early evening of July 23rd. The storms resulted in numerous reports of wind gusts of 50 to 60 mph producing widespread wind damage. Hail of dime to golfball size was also reported in a few areas.

TXZ213 **Harris**
29 **0800CST** **1** **0** **Excessive Heat**
Man died from heat exposure at his home.
M83PH

Galveston County
Jamaica Beach **30** **0815CST** **0** **0** **0** **Waterspout**
Waterspout reported near west end of Galveston Island.

Walker County
Huntsville **30** **1800CST** **0** **0** **25K** **Thunderstorm Wind**
Tree down on car.

TXZ213 **Harris**
31 **0840CST** **1** **0** **Excessive Heat**
Man died from heat exposure at his home.
M66PH

Storm Data and Unusual Weather Phenomena

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

TEXAS, Central Southeast

Galveston County

3 N Galveston Scholes F **31** **1330CST** **0** **0** **0** **Waterspout**

Waterspout over Galveston Bay between Scholes Field and Tiki Island.

Colorado County

Weimar **31** **1415CST** **0** **0** **15K** **Thunderstorm Wind**

Rain gutter blown down and struck power lines.

TEXAS, Extreme West

El Paso County

5 NW El Paso Intl Arpt **01** **1845MST** **0** **0** **Hail (1.75)**
1850MST

A sheriff's deputy reported golfball size hail in northeast El Paso.

El Paso County

El Paso **01** **1900MST** **0** **0** **75K** **Flash Flood**
2200MST

Thunderstorms accompanied by an inch an a half of rain in a short time (including one report of an inch in 15 minutes) brought extensive street flooding to the downtown, central and eastern sections of the city. At least two lanes on Interstate 10 along with the access roads were closed, with water nearly 3 feet deep in some spots.

TEXAS, Mid - South

Calhoun County

Port Lavaca **23** **1835CST** **0** **0** **Thunderstorm Wind (G50)**

Goliad County

Berclair **23** **1915CST** **0** **0** **Thunderstorm Wind (G55)**

Bee County

Beeville **23** **2000CST** **0** **0** **Thunderstorm Wind (G55)**

Goliad County

5 W Goliad **27** **1545CST** **0** **0** **Hail (1.75)**

Goliad County

5 W Goliad **27** **1545CST** **0** **0** **Thunderstorm Wind (G60)**

Thunderstorm wind gust downed a utility pole along FM 239.

Nueces County

6 N Banquete **27** **1625CST** **0** **0** **Flash Flood**

Sheriff reported one foot of water covering County Road 101.

Jim Wells County

2 SE Sandia **27** **1715CST** **0** **0** **Flash Flood**

Webb County

10 N Laredo **30** **2355CST** **0** **0** **Flash Flood**

County Sheriff reported one foot of water covered Interstate 35.

TEXAS, North

TXZ091>095-098>107-115>123-129>135-141>148-156>162-174>175 **Montague - Cooke - Grayson - Fannin - Lamar - Haskell - Throckmorton - Young - Jack - Wise - Denton - Collin - Hunt - Delta - Hopkins - Stephens - Palo Pinto - Parker - Tarrant - Dallas - Rockwall - Kaufman - Van Zandt - Rains - Eastland - Erath - Hood - Somervell - Johnson - Ellis - Henderson - Comanche - Mills - Hamilton - Bosque - Hill - Navarro - Freestone - Anderson - Lampasas - Coryell - Bell - Mclennan - Falls - Limestone - Leon - Milam - Robertson**

01 **0000CST** **8** **0** **Excessive Heat**
31 **2359CST**

An unusually strong upper level ridge of high pressure built over North Texas early in the month. This allowed afternoon high temperatures to climb into a range from the upper 90s to around 106 degrees for most of the month. The heat and humidity was particularly bad during the period from the 12th through the 21st, when afternoon highs were over 100 degrees. At the D/FW Airport, the average high during that ten day period was 103.3 degrees F, with the highest temperature of 106 degrees occurring on the 16th. Overnight lows during that period also contributed to discomfort and stress, as they ranged from the upper 70s to the lower 80s.

The combination of prolonged exposure to the high heat and humidity contributed to the deaths of several people in Dallas County. Most of the heat related deaths were among the elderly.

The heat was oppressive across the rest of North Texas, but no other heat deaths were reported. M87OU, F74PH, M68PH, M35BF, M69PH, F86PH, F60OU, M46VE

Young County

Olney **13** **1800CST** **0** **0** **Hail (1.00)**

Young County

Olney **13** **1800CST** **0** **0** **200K** **Thunderstorm Wind (G78)**

A straight line wind was estimated at 90 mph. The wind blew down a large building under construction; crushing a truck. A tree was blown onto a car and a small store was destroyed.

Storm Data and Unusual Weather Phenomena

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

TEXAS, North

Denton County

9 NW Krum | **13** | **1930CST** | | | **0** | **0** | | | **Thunderstorm Wind (G52)**

Trees were blown down by high thunderstorm wind.

July 13, 2000 - Event Narrative

An unusually strong upper level ridge of high pressure developed over North Texas in July, but there was just enough instability for isolated thunderstorms to develop during the heat of the afternoon.

TEXAS, North Panhandle

Dallam County

Perico | **17** | **1925CST** | | | **0** | **0** | | | **Hail (1.75)**

Oldham County

3 SE Boys Ranch | **17** | **1930CST** | | | **0** | **0** | | | **Thunderstorm Wind (G52)**
1940CST

Severe thunderstorms across the extreme western and northwestern sections of the Texas panhandle during the evening hours produced large hail and high winds.

Randall County

7.5 SSW Amarillo | **28** | **2040CST** | | | **1** | **0** | | | **Lightning**

Lightning struck and killed a forty-three year old woman from Amarillo during the evening as she went outside to get something from her pickup truck. F43VE

TEXAS, Northeast

TXZ149 **Cherokee**

04 **1900CST** | **1** | **0** | **Excessive Heat**

Found partially under a mobile home.
M24OU

Franklin County

4.1 NNE Winnsboro to 5.8 NE Winnsboro | **13** | **1200CST** | **0.7** | **50** | **0** | **0** | | | **Tornado (F1)**
1203CST

Numerous large tree limbs and a few pine tree tops broken. This tornado was confined to this county over farmland and forest with no structures in its path. This tornado was also photographed by Tiffany Tillema who lived in the area.

Nacogdoches County

4 SW Nacogdoches | **14** | **1600CST** | | | **0** | **0** | **23K** | | **Thunderstorm Wind (G55)**

Numerous trees and roofs damaged. Several roofs were removed from their respective homes. Damage was spread over a several mile area.

Nacogdoches County

4 SW Nacogdoches | **14** | **1600CST** | | | **0** | **0** | | | **Hail (1.00)**

Red River County

Bagwell | **22** | **0800CST** | | | **0** | **0** | | | **Thunderstorm Wind (G55)**

Several large trees down.

Red River County

4 N Clarksville | **22** | **0810CST** | | | **0** | **0** | | | **Thunderstorm Wind (G52)**

Oak trees down along Hwy 37.

TEXAS, South

TXZ248>255 **Zapata - Jim Hogg - Brooks - Kenedy - Starr - Hidalgo - Willacy - Cameron**

01 **0000CST** | **0** | **0** | **Drought**
31 **0000CST**

The drought continued to affect much of deep south Texas as many locations received little or no rain for the month of July. In fact, both Starr and Zapata counties have experienced severe drought conditions. According to the Farm Service Agency, farmers in Starr and Zapata counties were unable to plant their crops this summer, several ranchers have been forced to sell their cattle, many stock ponds have dried up, and even the native brush has started to die. The yearly departure from normal through July for Rio Grande City was 4.50 inches below normal while Zapata was 2.58 inches below normal. Although it doesn't seem that Zapata is that far below normal, the rainfall has been very spotty across the rest of Zapata county.

Meanwhile, the rest of The Valley continued to be suffering a moderate drought with the lack of rainfall. Some stock ponds were beginning to dry up and pastures were deteriorating as subsoil moistures continued to be very low from accumulative deficits over the past year. The yearly rainfall departure from normal through July for some selected cities ranged from 1.55 inches below normal in Sarita to 6.34 inches below normal in McCook. In addition, the Falcon Lake reservoir level was at 251.23 feet which is approximately 50 feet below the normal conservation level of 302 feet.

Storm Data and Unusual Weather Phenomena

July 2000

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

TEXAS, South

Willacy County

San Perlita — **26** — **1500CST** — **0** — **0** — **Thunderstorm Wind (G60)**

A farmer estimated strong winds gusting to near 60 mph. These high winds damaged some of his cotton crop and removed tied tarps from some of the cotton bales.

Hidalgo County

Mc Allen — **26** — **1525CST** — **0** — **0** — **Thunderstorm Wind (G58) M**

A 58 mph wind gust was measured by ASOS at the airport in Mc Allen. These strong winds knocked down a wall that was under construction near a Foley's department store

Starr County

6 N El Sauz — **30** — **1835CST** — **0** — **0** — **Hail (0.75)**

Zapata County

2 E Zapata — **30** — **1940CST** — **0** — **0** — **Thunderstorm Wind (G58)**

The roof was torn off of a school that was under construction.

TEXAS, South Central

TXZ171>173-183>194-202>208-217>221-228 — **Llano - Burnet - Williamson - Val Verde - Edwards - Real - Kerr - Bandera - Gillespie - Kendall - Blanco - Hays - Travis - Bastrop - Lee - Kinney - Uvalde - Medina - Bexar - Comal - Guadalupe - Caldwell - Maverick - Zavala - Frio - Atascosa - Wilson - Dimmit**

01 — **0001CST** — **0** — **0** — **Drought**

31 — **2359CST**

In spite of the rainfall east of I-35 in June, the severe drought that began early in 2000 across the southwest parts of South Central Texas spread again in July to cover all but the southeast counties. Little to no rain was recorded across these counties in July, and nearly all river levels were reported to be low. Aquifer levels and lake levels were approaching all time low readings, and strong conservation measures were enacted across much of the area. Numerous small creeks and streams ceased flowing. Agricultural activities were essentially brought to a halt.

TXZ192 — **Travis**

04 — **1800CST** — **1** — **0** — **0** — **0** — **Excessive Heat**

Victim was found dead due to hyperthermia and dehydration.
M33OU

TXZ192 — **Travis**

05 — **0534CST** — **1** — **0** — **0** — **0** — **Excessive Heat**

A 26-year-old man died of heat stroke Tuesday morning after working outdoors at a construction site on Monday afternoon. He had been working outside in a surveying crew and was taken to a hospital Monday evening with a 108-degree temperature. M26OU

TXZ217 — **Maverick**

07 — **1800CST** — **1** — **0** — **0** — **0** — **Excessive Heat**

A non-U.S. resident, the victim was found outside.
F47OU

Travis County

Austin — **16** — **1500CST** — **0** — **1** — **0** — **0** — **Lightning**

A 34 year-old man was struck by lightning while cleaning out gutters at a home in Austin. The victim was reported to be awake and alert as EMS arrived.

TXZ192 — **Travis**

18 — **1800CST** — **1** — **0** — **0** — **0** — **Excessive Heat**

Victim of heat stroke.
F81PH

TXZ192-192 — **Travis**

23 — **1242CST** — **2** — **0** — **0** — **0** — **Excessive Heat**

1300CST

A 2-year-old boy died of heat stroke. He had a temperature of 108 degrees when he reached the hospital. He was left on the floor of a sunroom and his mother had fallen asleep. He had cerebral palsy and epilepsy and was mentally retarded. A 72-year-old woman also died of heat stroke. Although air conditioning was available in her home, she had not turned it on. M2PH, F72PH

Burnet County

Burnet — **23** — **2000CST** — **0** — **0** — **0** — **0** — **Hail (1.00)**

2005CST

Wilson County

Sutherland Spgs — **23** — **2000CST** — **0** — **0** — **80K** — **0** — **Thunderstorm Wind**

2005CST

A severe thunderstorm downburst damaged 2 buildings and blew over several trees.

Medina County

Hondo — **23** — **2235CST** — **0** — **0** — **100K** — **0** — **Thunderstorm Wind (G51) M**

2236CST

Severe thunderstorm winds blew down trees and power lines and damaged roofs of homes in Hondo.

Storm Data and Unusual Weather Phenomena

July 2000

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
TEXAS, South Central									
Gillespie County									
10 W Fredericksburg	**25**	**1800CST**			**0**	**0**	**30K**	**0**	**Thunderstorm Wind**
		1805CST							
Severe thunderstorm winds uprooted several trees.									
TXZ173	**Williamson**								
	25	**1800CST**			**1**	**0**	**0**	**0**	**Excessive Heat**
The victim was found in his home in front of an open refrigerator. The home had no air conditioning, only a window fan. M85PH									
Lavaca County									
5 SE Yoakum	**27**	**1700CST**			**0**	**0**	**0**	**0**	**Hail (1.00)**
		1705CST							
Lavaca County									
Shiner	**27**	**1710CST**			**0**	**0**	**50K**	**0**	**Thunderstorm Wind**
		1715CST							
Severe thunderstorm winds blew roofs off buildings and knocked down many large tree limbs.									
Burnet County									
Buchanan Lake	**30**	**1545CST**			**0**	**0**	**80K**	**0**	**Thunderstorm Wind**
		1555CST							
Severe thunderstorm winds knocked down trees and power lines, blew the roofs off 2 buildings, and damaged a mobile home.									
Hays County									
San Marcos	**31**	**1315CST**			**0**	**0**	**5K**	**0**	**Thunderstorm Wind**
		1330CST							
Severe thunderstorm winds blew down many large tree limbs.									
TEXAS, South Panhandle									
Floyd County									
3 E Lockney	**01**	**1600CST**			**0**	**0**		**30K**	**Tstm Wind/Hail**
Hail of unknown size damaged cotton crops east of town.									
Stonewall County									
7 SE Aspermont	**01**	**1655CST**			**0**	**0**			**Hail (1.00)**
Quarter size hail was reported on Highway 83.									
Stonewall County									
10 SE Aspermont	**01**	**1705CST**			**0**	**0**			**Hail (1.25)**
Half dollar size hail was reported on Farm-to-Market Road 1835 south of Flat Top. The hail reports associated with this supercell thunderstorm were on the extreme northern side of the hail core. Doppler radar suggested that the hail was much larger in the core, which translated across unpopulated, open country in southeastern Stonewall County.									
Lubbock County									
6 E Idalou	**01**	**1815CST**			**0**	**0**		**30K**	**Hail (0.75)**
Dime size hail was reported on Highway 62/82.									
Crosby County									
Lorenzo	**01**	**1820CST**			**0**	**0**		**30K**	**Hail (0.75)**
TEXAS, Southeast									
Jasper County									
Buna	**08**	**1545CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
A couple of trees were blown down along SH 757 on the east side of Buna.									
Orange County									
Mauriceville	**23**	**1330CST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Many trees and power lines downed.									
Jefferson County									
5 NW Beaumont	**23**	**1405CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees and power lines downed in Bevil Oaks.									
TEXAS, West									
Andrews County									
Andrews	**01**	**0810CST**			**0**	**0**			**Flash Flood**
		0910CST							
Minor flooding of low lying areas occurred in the city of Andrews due to heavy rains from a single cell thunderstorm.									
Pecos County									
30 S Ft Stockton	**02**	**1450CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
An experienced storm chaser and professor of meteorology observed a tornado 30 miles south of Fort Stockton. Examination of radar data showed little evidence of large scale cyclonic rotation or storm structure. The storm environment did not appear to support storm scale rotation. Primary indications are that this tornado was of the landspout variety.									

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
TEXAS, Western North									
Wichita County									
Wichita Falls	**06**	**1000CST**			**0**	**2**	**40K**		**Wild/Forest Fire**
		1400CST							
A wildfire developed just outside the city limits of Wichita Falls on the east side near Harding Street, and started when a resident in the area began to burn trash in his back yard. The dry conditions and strong winds allowed the fire to spread rapidly northward up a hill toward Mesa Street. Dozens of acres of pasture burned, along with 13, old, unoccupied homes, outbuildings, sheds, and 2 vehicles. Several hours were required to gain control of the fire which received assistance from 14 volunteer fire departments. Two firefighters sufferred heat stroke and were taken to a local hospital for treatment.									
Clay County									
7 N Henrietta	**12**	**1620CST**	**0.3**	**35**	**0**	**0**	**0**		**Tornado (F0)**
		1621CST							
This tornado developed north of Highway 82 in Clay County, or about 7 miles north of Henrietta, and was captured on video. The tornado lasted about 40 seconds, produced no damage, and was rated F0.									
Wichita County									
Sheppard Afb	**12**	**1655CST**			**0**	**0**			**Thunderstorm Wind (G63) M**
Wichita County									
Sheppard Afb	**12**	**1657CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Wichita County									
1 NW Sheppard Afb	**12**	**1700CST**			**0**	**0**	**8K**		**Thunderstorm Wind**
Four power poles were downed. An unoccupied trailer home was blown over, and a carport was heavily damaged.									
Wichita County									
Burkburnett	**12**	**1721CST**			**0**	**0**			**Hail (0.75)**
Widely scattered and very slow moving thunderstorms developed across western portions of north Texas during the late afternoon of the 12th resulting in one tornado and isolated straight-line wind damage.									
Wilbarger County									
4 W Grayback	**13**	**1705CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Wichita County									
Wichita Falls	**13**	**2130CST**			**0**	**0**	**42K**		**Thunderstorm Wind**
Significant damage was sustained to the roof of City View High School, and a large tree was uprooted, falling on a gazebo.									
UTAH, East									
Grand County									
30 N Cisco	**04**	**1700MST**			**0**	**0**			**Wild/Forest Fire**
	06	**2000MST**							
A lightning ignited wildfire burned 17 acres.									
Grand County									
Moab	**09**	**1715MST**			**0**	**0**			**Urban/Sml Stream Fld**
		1830MST							
A slow moving thunderstorm dropped heavy rain over Moab, UT. resulting in minor flooding of streets and creeks in and around Moab. Portions of highway 191 near 400 East Street were covered in red sand and mud. The Utah Highway Department of Transportation cleared the road of the debris after the storm had moved through the area.									
Grand County									
Moab	**09**	**1745MST**			**0**	**0**	**100K**		**Lightning**
		2016MST							
Lightning struck the northeast corner of a roof of an apartment complex near an elevator shaft. The lightning resulted in a fire which caused significant damage to the building's elevator, electrical, phone, and alarm systems. Nineteen residents were forced to evacuate the building as a result of the fire.									
Grand County									
8 E Cisco	**15**	**1630MST**			**0**	**0**			**Wild/Forest Fire**
	16	**2000MST**							
Lightning ignited a wildfire which consumed 55 acres.									
Daggett County									
Dutch John	**17**	**1100MST**			**0**	**0**			**Hail (0.88)**
	18	**1102MST**							
San Juan County									
22 NW Blanding	**17**	**1500MST**			**0**	**0**			**Wild/Forest Fire**
	20	**1800MST**							
Lightning sparked a wildfire which consumed 10 acres.									
Daggett County									
14 ESE Dutch John	**17**	**1530MST**			**0**	**0**			**Hail (0.75)**
		1532MST							
San Juan County									
17 W Monticello	**20**	**1700MST**			**0**	**0**			**Wild/Forest Fire**
		2200MST							
A lightning sparked wildfire burned 8 acres.									

Storm Data and Unusual Weather Phenomena

July 2000

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
UTAH, East									
San Juan County									
17 WSW Monticello	**21**	**1630MST**			**0**	**0**			**Wild/Forest Fire**
	28	**1200MST**							
A lightning sparked wildfire burned 8 acres.									
Grand County									
Moab	**22**	**1702MST**			**0**	**0**	**2K**		**Lightning**
		1741MST							
Lightning struck the roof of an apartment complex near the flashing on a parapet wall. The lightning traveled along the flashing and down a metal vent pipe into the inner portion of the parapet wall igniting a fire between the ceiling and the roof.									
Grand County									
22 N Westwater	**24**	**1800MST**			**0**	**0**			**Wild/Forest Fire**
	27	**1900MST**							
A lightning sparked wildfire consumed 12 acres.									
Daggett County									
11 SE Manila	**26**	**1329MST**			**0**	**0**			**Hail (1.25)**
		1333MST							
San Juan County									
10 N Fry Canyon	**30**	**1700MST**			**0**	**0**			**Wild/Forest Fire**
	31	**2300MST**							
Lightning sparked a wildfire which consumed 5 acres.									
UTAH, West and Central									
Davis County									
Layton	**10**	**0030MST**			**0**	**0**	**100K**	**0**	**Lightning**
Lightning struck a home in Layton, starting a fire that gutted out the attic. The fire caused $100,000 worth of damage.									
Tooele County									
Lake Pt	**10**	**2200MST**			**0**	**0**	**10K**	**2K**	**Flash Flood**
	11	**0400MST**							
Heavy rains around fell over a burn area on the east slopes of the Oquirrh Mountains, resulting in a flash flood of water, mud, debris and ash. The flood covered a few yards in the Lakepoint area. Six baby rabbits were lost to the water.									
UTZ004	**Southern Wasatch Front/Lehi/Provo/Nephi**								
	23	**1400MST**			**0**	**0**	**2K**	**1K**	**High Wind (G50)**
Strong, gusty winds blew near the mouth of Hobble Creek Canyon in the east portions of Springville. the winds damaged some trees, blew shingles of of some roofs, and damaged a carport.									
VERMONT, North and Central									
Lamoille County									
Johnson	**04**	**1719EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
An upper level low pressure system over southern Canada with a cold pool of air aloft resulted in scattered afternoon and evening thunderstorms. A thunderstorm moving through Lamoille county passed over Johnson, Vt and resulted in blocked roads from wind damaged trees. In addition, strong winds were reported on Lake Eden with pea size hail.									
Addison County									
South Lincoln	**04**	**1825EST**			**0**	**0**			**Small Hail**
Marble size hail was reported in South Lincoln. It took some leaves off some trees.									
Caledonia County									
Groton	**04**	**2000EST**			**0**	**0**	**1K**		**Tstm Wind/Hail**
Heavy rain and gusty winds associated with thunderstorms resulted in a number of 60 foot pine trees being bent a third of the way over. However, no trees were down.									
Chittenden County									
Colchester	**07**	**1310EST**			**0**	**0**			**Small Hail**
Pea size hail reported in Colchester.									
Chittenden County									
Essex Jct	**07**	**1450EST**			**0**	**0**			**Small Hail**
Pea size hail was reported in Essex Junction, Vt									
Orange County									
Williamstown	**07**	**1500EST**			**0**	**0**			**Tstm Wind/Hail**
Pea size hail...heavy rain...and wind gusts to approximately 35 mph were reported in Williamstown.									
Chittenden County									
Burlington	**09**	**1600EST**			**0**	**0**	**10K**		**Gusty Winds**
		2300EST							

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

VERMONT, North and Central

Strong gusty winds in the Burlington area resulted in a small boat capsized on Lake Champlain. Also, power outages were reported in Burlington due to tree limbs brushing against power lines.

Washington County

Middlesex 14 1105EST 0 0 Small Hail

An upper level low and cold pool aloft along with a weak surface disturbance both moving across southern Canada resulted in scattered thunderstorms across Vermont. In Middlesex Vermont (Washington county), pea size hail (1/4 inch) was reported by the State Police along with brief heavy rain.

Caledonia County

East Lyndon 14 1355EST 0 0 Small Hail

An upper level low and cold pool aloft along with a weak surface disturbance both moving across southern Canada resulted in scattered thunderstorms across Vermont. In East Lyndon Vermont (Caledonia county), pea to marble size hail was reported by a weather spotter.

Chittenden County

Jericho 14 1720EST 0 0 Small Hail

An upper level low and cold pool aloft along with a weak surface disturbance both moving across southern Canada resulted in scattered thunderstorms across Vermont. In Jericho Vermont (Chittenden county), pea size hail was reported along with brief heavy rain.

Windsor County

Windsor 16 1500EST 0 0 25K Lightning

Thunderstorms developed during the afternoon across Windsor county, Vermont. A lightning bolt struck the steeple of the former old Unitarian church with damage to the steeple, supports and facade.

Orange County

West Portion 16 2045EST 0 0 75K Flash Flood
17 0230EST

An upper level low in the eastern Great Lakes and western New York along with it's associated surface low pressure system resulted in showers and thunderstorms during the afternoon and evening. Locally heavy rain fell especially in the northwest portion of the county. Some town highways were washed out in Randolph, Vt.

Addison County

East Portion 16 2115EST 0 0 600K Flash Flood
17 0200EST

An upper level low over the eastern Great Lakes and western New York and it's related surface low pressure system resulted in showers and thunderstorms across Vermont during the afternoon and night of Sunday July 16th. Slow moving thunderstorms resulted in especially heavy rainfall across the eastern two thirds of Addison county. Especially hard hit were the towns of Lincoln, Bristol and Ripton. By 1030 pm EDT (930 pm EST) several bridges had been washed out in and around Ripton and Rte 125 was closed. The New Haven River, as well as other small rivers, flooded.

Rutland County

East Portion 16 2115EST 0 0 200K Flash Flood
17 0200EST

An upper level low over the eastern Great Lakes and western New York and it's related surface low pressure system resulted in showers and thunderstorms across Vermont during the afternoon and night of Sunday July 16th. Slow moving thunderstorms resulted in especially heavy rainfall across the eastern two thirds of Rutland county. The Chittenden River in and around Chittenden, VT flooded with road washouts. Road washouts were reported elsewhere as smaller rivers left there banks.

Windsor County

Countywide 16 2115EST 0 0 500K Flash Flood
17 0230EST

An upper level low over the eastern Great Lakes and western New York and it's related surface low pressure system resulted in showers and thunderstorms across Vermont during the afternoon and night of Sunday July 16th. Slow moving thunderstorms resulted in especially heavy rainfall...especially across the mountainous portions of the county.

Addison County

Basin Harbor 18 1100EST 0 0 Hail (0.75)

A cold front moved across Vermont during the afternoon of Tuesday, July 18th. Thunderstorms were triggered along and ahead of the front. Dime size hail was reported in Basin Harbor, Vermont.

Chittenden County

Burlington 18 1123EST 0 0 Hail (0.75)

Chittenden County

South Burlington 18 1125EST 0 0 Hail (0.75)

Chittenden County

Shelburne 18 1130EST 0 0 50K Thunderstorm Wind

Chittenden County

Charlotte 18 1131EST 0 0 5K Thunderstorm Wind

A cold front moved across Vermont during the afternoon of Tuesday, July 18th. Thunderstorms were triggered along and ahead of the front. Dime size hail was reported in the Vermont localities of Burlington and South Burlington. In the towns of Charlotte and Shelburne, trees were blown down. In addition, 3 airplanes were overturned and damaged by wind at the Shelburne Airport. Thunderstorms in Burlington, Vermont were accompanied by very heavy rainfall with localized flooding due to ponding of water on

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

VERMONT, North and Central

roads.

Lamoille County

Stowe	**18**	**1205EST**			**0**	**0**	**5K**		**Thunderstorm Wind**

A cold front moved across Vermont during the afternoon of Tuesday, July 18th. Thunderstorms were triggered along and ahead of the front. In the town of Stowe, trees were blown down along Route 108.

Rutland County

Countywide	**31**	**0755EST**			**0**	**0**	**10K**		**Flash Flood**
		1200EST							

Windsor County

Countywide	**31**	**1000EST**			**0**	**0**	**10K**		**Flash Flood**
		1300EST							

A flow of moist air across the northeast US combined with orographic effects to result in heavy rainfall during the morning of Monday, July 31st. Many of the smaller rivers reached or exceeded bankfull. In Rutland county, shortly before 9 AM EDT (8 AM EST) a small brook flooded Route 103 near Cuttingsville. In addition, around 9 AM EDT (8 AM EST) low land flooding was reported in Shrewsbury. At 10 AM, portions of Route 133 was washed out in Middletown Springs where over 5 inches of rain fell. In Windsor county, flooding was reported around the Ludlow area.

VERMONT, South

Bennington County

Northeast Portion	**14**	**1700EST**			**0**	**0**	**44K**		**Flash Flood**
		2000EST							

A very moist air mass moved over extreme southern Vermont during the afternoon of July 14. A cold front stalled to the west of the region. This scenario along with terrain enhancement, resulted in a cluster of thunderstorms developing across this region. The thunderstorms contained torrential rainfall which produced Doppler radar estimates of up to 3 inches in extreme northeast Bennington County. The result was flash flooding which washed out sections of roadways in northeast Bennington County.

VTZ013 **Bennington**

	16	**0100EST**			**0**	**0**	**10K**		**Flood**
		2359EST							

Windham County

Wilmington	**16**	**0315EST**			**0**	**0**	**15K**		**Flash Flood**
		0715EST							

Bennington County

Bennington	**16**	**1900EST**			**0**	**1**			**Lightning**

Bennington County

Countywide	**16**	**2045EST**			**0**	**0**	**100K**		**Flash Flood**
	17	**0400EST**							

Windham County

Countywide	**16**	**2130EST**			**0**	**0**	**200K**		**Flash Flood**
	17	**0700EST**							

A stalled frontal boundary across extreme southern Vermont interacted with a strong upper level disturbance from July 15 into early July 16. The result was a slow-moving low pressure area which formed over Virginia. This low pumped a deep layer of tropical air into the region and produced the second widespread heavy rainstorm of the summer. Two to four inches of widespread rain fell, with locally higher amounts across the higher terrain of Windham County. Specific amounts included 3.00 inches at Bennington and 5.17 inches at West Wardsboro, in Windham County. This rain produced enough runoff to cause the Battenkill to exceed the six foot flood stage by about a foot at Arlington, Bennington County, a 47 year high. The swelled river flooded the Batten Kill Canoe company and adjacent river property. Also, the Deerfield River rose 6 feet above unofficial flood stage in Wilmington, Windham county. Several roads were reported under water.

The widespread heavy rain event set the stage for more widespread flooding later Sunday. The air remained very moist and unstable in wake of the rainstorm. More thunderstorms erupted late in the day across southern Vermont. These storms moved very slowly, trained over the same region, and were further enhanced by the steep terrain. The thunderstorm rainfall, as well as the earlier rainstorm, dumped in excess of 8 inches locally at Newfane, Windham county. Since the ground was already saturated, the heavy rains from the thunderstorms produced flooding and flash flooding across the region. In Shaftsbury, Bennington county, County Route 67 was washed out. U.S. Route 7 was closed due to flooding and rockslides. Numerous other roads were closed, some even washed out. In the city of Bennington, more roads were flooded or washed out.

In Windham County, a five mile stretch of State Route 30 was closed due to flooding and residents were evacuated. Street flooding was reported at Brattleboro. Severe damage took place on South Wardsboro and Steep Way Roads. A home suffered mud damage as mud - laden water had flowed through the house.

Lightning from a thunderstorm struck a man while he was jogging in the city of Bennington, injuring him.

Bennington County

Sunderland	**18**	**1245EST**			**0**	**0**			**Hail (0.75)**

Bennington County

Bennington	**18**	**1250EST**			**0**	**0**			**Hail (0.88)**

Across southern Vermont, scattered thunderstorms developed ahead of a cold front during the midday hours of July 18. Some of these thunderstorms produced hail. In Bennington county, dime size hail fell at Sunderland, and nickel size hail fell at

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
VERMONT, South									
Bennington.									
VIRGIN ISLANDS									
St. Thomas County									
St. Thomas	**22**	**1745AST** **1755AST**			**0**	**0**			**Waterspout**
Flight Service Station indicated that a pilot reported two waterspouts seven miles southwest of St. Thomas.									
VIRGINIA, East									
Caroline County									
Corbin	**10**	**1715EST** **1720EST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G50)**
Two large trees blown down onto power lines.									
Westmoreland County									
Colonial Beach	**10**	**1725EST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G50)**
High winds blew down several trees.									
Essex County									
Tappahannock	**10**	**1740EST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G50)**
One large tree blown down.									
Northumberland County									
Lewisetta	**10**	**1754EST**			**0**	**0**	**0**	**0**	**Thunderstorm Wind (G53) M**
Middlesex County									
Deltaville	**14**	**1808EST** **1815EST**	**0.5**	**25**	**0**	**0**	**0**	**0**	**Tornado (F0)**
A waterspout moved onshore at the NorView Marina then dissipated. No damage was reported.									
Mathews County									
Gwynn	**14**	**1850EST** **1905EST**			**0**	**0**	**0**	**0**	**Waterspout**
Three waterspouts formed off Gwynns Island, then dissipated fifteen minutes later. No damage was reported.									
Mathews County									
Gwynn	**14**	**1909EST** **1915EST**	**0.5**	**25**	**0**	**0**	**2K**	**0**	**Tornado (F0)**
A waterspout moved onshore on Gwynns Island. Several trees were knocked down before it dissipated.									
Westmoreland County									
5 E Oak Grove	**15**	**0045EST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G50)**
High winds blew down several trees.									
Westmoreland County									
Countywide	**15**	**0115EST** **0145EST**			**0**	**0**	**0**	**0**	**Flash Flood**
Heavy rain caused flooding and the closure of several secondary roads across the county.									
York County									
Grafton	**15**	**0700EST**			**0**	**1**	**20K**	**0**	**Lightning**
Lightning struck a house on Wolf Trap Road and started a fire. The occupant of the house was taken to the hospital as a precaution.									
Lancaster County									
Morattico	**15**	**1500EST** **1505EST**			**0**	**0**	**0**	**0**	**Hail (0.88)**
Lancaster County									
White Stone	**16**	**0945EST** **0950EST**			**0**	**0**	**0**	**0**	**Waterspout**
A waterspout briefly touched down on White Stone Beach. No damage was reported.									
Hanover County									
Mechanicsville	**16**	**1217EST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G50)**
High winds blew down several trees.									
Lancaster County									
Kilmarnock	**16**	**1345EST**			**0**	**0**	**50K**	**0**	**Lightning**
Lightning hit a house and caused major damage to the structure and its contents.									
Middlesex County									
Water View	**16**	**1345EST** **1350EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Accomack County									
Chesconessex	**16**	**1350EST** **1355EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
Middlesex County									
Urbanna	**16**	**1350EST** **1355EST**			**0**	**0**	**0**	**0**	**Hail (0.88)**

Storm Data and Unusual Weather Phenomena

July 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
VIRGINIA, East									
Lancaster County									
Weems	**16**	**1330EST**			**0**	**0**	**0**	**0**	**Hail (1.75)**
Lancaster County									
Mollusk	**16**	**1355EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
		1400EST							
Middlesex County									
Locust Hill	**16**	**1425EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
		1430EST							
Henrico County									
2 E Short Pump	**16**	**1943EST**			**0**	**0**	**0**	**0**	**Hail (0.88)**
		2000EST							
Henrico County									
Short Pump	**16**	**1945EST**			**0**	**0**	**0**	**0**	**Hail (1.75)**
		1950EST							
Southampton County									
Boykins	**16**	**2025EST**			**0**	**0**	**0**	**0**	**Hail (0.75)**
		2030EST							
Southampton County									
Boykins to	**16**	**2042EST**			**0**	**0**	**0**	**0**	**Hail (1.00)**
1 N Boykins		**2045EST**							
Chesterfield County									
Ettrick	**19**	**1600EST**			**0**	**0**	**1K**	**0**	**Thunderstorm Wind (G50)**
A large tree limb was blown down at Totty and Court Streets.									
Norfolk (C)									
Norfolk	**19**	**1800EST**			**0**	**0**	**2K**	**0**	**Thunderstorm Wind (G50)**
Trees were blown down on power lines and caused power outages in the Colonial Place section of the city.									
Hopewell (C)									
Hopewell	**19**	**1620EST**			**0**	**0**	**0**	**0**	**Funnel Cloud**
		1625EST							
Prince George County									
5 NW Garysville	**19**	**1625EST**			**0**	**0**	**0**	**0**	**Funnel Cloud**
		1630EST							
A funnel cloud was observed by golfers at the Jordan Point Country Club.									
Charles City (C)									
5 SW Charles City	**19**	**1628EST**			**0**	**0**	**1K**	**0**	**Thunderstorm Wind (G50)**
Large tree limbs were blown down at Evelynton Plantation.									
Surry County									
Surry	**19**	**1725EST**			**0**	**0**	**1K**	**0**	**Thunderstorm Wind (G50)**
Five inch diameter tree limb blown down near Scotland Neck.									
Brunswick County									
Brodnax	**19**	**2130EST**			**0**	**0**	**5K**	**0**	**Thunderstorm Wind (G60)**
A john boat was blown into a dog pen at Temple's Body Shop. The body shop also sustained minor damage to its metal siding and roof.									
Chesterfield County									
5 NW Beach	**19**	**1630EST**			**0**	**0**	**0**	**0**	**Flash Flood**
		1700EST							
Heavy rain caused flooding and road closure of Bellson Park Drive at Route 360 near Brandermill.									
James City County									
Toano	**19**	**1700EST**			**0**	**0**	**0**	**0**	**Flash Flood**
		1730EST							
Heavy rain caused flooding and plied up four inches of water across the intersection of Routes 30 and 60 near Toano.									
Richmond (C)									
South Portion	**19**	**1700EST**			**0**	**0**	**5K**	**0**	**Flash Flood**
		1730EST							
Heavy rain overwhelmed storm drains on Maury Street in South Richmond and sent water cascading in the basement of the Richmond Department of Public Utilities' Field Operations and Maintenance Facility. As much as five feet of water filled the 10,000 square foot basement and damaged several computers and internal department records. Ten inches of water was reported across Belt Boulevard between Hull Street and Midlothian Turnpike.									
Emporia County									
Emporia	**24**	**0600EST**			**0**	**0**	**10K**	**0**	**Flash Flood**
		0800EST							
Very heavy rain fell in Emporia, where 5.70 inches of rain was measured. Several residents were evacuated on Reese Street at Metcalf Branch. Standing high water was common in Emporia, with water above car doors on Market and Brink Roads.									

Storm Data and Unusual Weather Phenomena

July 2000

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
VIRGINIA, East									
Hampton (C)									
Countywide	**24**	**0800EST**			**0**	**0**	**350K**	**0**	**Flash Flood**
		1000EST							
Torrential rain fell in the Buckroe Beach section of Hampton. Up to 35 residences had to be evacuated due to high water on Scoggin Circle and Grimes Road.									
Newport News (C)									
Countywide	**24**	**0800EST**			**0**	**0**	**0**	**0**	**Flash Flood**
		1000EST							
Extremely heavy rain fell across a large portion of southeast Virginia's Peninsula and resulted in widespread flooding of main and secondary roads in Newport News.									
Virginia Beach (C)									
Back Bay	**24**	**1259EST**	**0.2**	**20**	**0**	**0**	**20K**	**0**	**Tornado (F0)**
		1305EST							
A waterspout that formed over Back Bay came ashore at Campbell Landing Road and destroyed a 20 by 30 foot outbuilding before dissipating. Many trees were blown down and camper shells and lawn furniture were tossed across the neighborhood.									
Norfolk (C)									
Norfolk to	**26**	**1800EST**			**0**	**0**	**0**	**0**	**Flash Flood**
Ocean View		**1900EST**							
Heavy rain flooded roadways and caused closure of underpasses on Tidewater Drive in downtown Norfolk. Flooding also occurred at Chesapeake Boulevard and Chesapeake Street in the East Ocean View section of Norfolk.									
Caroline County									
Sparta	**28**	**1800EST**			**0**	**0**	**0**	**0**	**Flash Flood**
		1900EST							
Heavy rain caused flooding on several secondary roads near Sparta.									
Middlesex County									
Saluda	**28**	**1830EST**			**0**	**0**	**14.4K**	**0**	**Lightning**
		1900EST							
Intense cloud to ground lightning knocked out computer systems, telephones, televisions, and other electronic equipment over the middle portion of the county. The storm inflicted $6,000 worth of damage to the county courthouse in Saluda and lightning destroyed a 160-year old willow oak tree in front of the courthouse. The lightning also went through the phone and power lines, and caused $5,000 worth of damage to electronic equipment in the courthouse complex.									
Accomack County									
Horntown	**30**	**1045EST**	**0.2**	**20**	**0**	**0**	**0**	**0**	**Tornado (F0)**
		1050EST							
A small tornado touched down in a trailer park. The tornado briefly kicked up dust and debris before dissipating, but no damage occurred.									
Accomack County									
Chincoteague	**30**	**1105EST**			**0**	**0**	**0**	**0**	**Waterspout**
		1110EST							
Three waterspouts were reported by Coast Guardsman just offshore.									
Virginia Beach (C)									
North Virginia Beach	**30**	**1155EST**			**1**	**1**			**Lightning**
Lightning struck and killed a man doing yardwork near a tree in the Great Neck Point section of Virginia Beach. Witnesses said there was no rain falling in the area at the time, and described the bolt as coming out of clear skies. M39UT									
Norfolk (C)									
Ocean View	**30**	**1330EST**			**0**	**0**	**45K**	**0**	**Lightning**
		1400EST							
Lightning struck up to six homes in the Ghent and Ocean View sections of Norfolk. One bolt hit a tree on Old Ocean View Road and started a fire. The burning tree then fell into a nearby home. Occupants of the house escaped without injury.									
Suffolk (C)									
Kings Fork	**30**	**1600EST**			**0**	**0**	**0**	**0**	**Flash Flood**
		1700EST							
Heavy rain caused flooding of Kings Fork Road in the western part of the city.									
Poquoson County									
Central Portion	**30**	**1720EST**			**0**	**1**	**0**	**0**	**Lightning**
A man was struck by lightning outside his home in the Roberts Creek subdivision. The man was rushed to the hospital, and remained under observation until the following day when he was released.									
Brunswick County									
Gasburg	**31**	**2000EST**			**0**	**0**	**0**	**0**	**Flash Flood**
		2100EST							
Heavy rain caused flooding of roads in the Gasburg area.									
VIRGINIA, Extreme Southwest									
Scott County									
Countywide	**11**	**0110EST**			**0**	**0**		**19K**	**Thunderstorm Wind**

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
VIRGINIA, Extreme Southwest									
Trees down in Gate City, Fort Blackmore and Clinchport.									
Wise County									
Big Stone Gap	**14**	**2025EST**			**0**	**0**			**Hail (0.75)**
Wise County									
Big Stone Gap	**14**	**2025EST**			**0**	**0**			**Thunderstorm Wind (G52)**
Lee County									
Countywide	**14**	**2050EST**			**0**	**0**		**20K**	**Thunderstorm Wind**
Trees down.									
Lee County									
Rose Hill	**14**	**2055EST**			**0**	**0**			**Hail (0.75)**
Scott County									
8 N Gate City	**14**	**2105EST**			**0**	**0**	**1K**	**4K**	**Thunderstorm Wind**
Trees down and an outbuilding down in Midway community.									
Scott County									
5 N Ft Blackmore	**14**	**2110EST**			**0**	**0**		**17K**	**Thunderstorm Wind**
Trees down in Stony Creek.									
Washington County									
3 W Abingdon	**14**	**2115EST**			**0**	**0**		**10K**	**Thunderstorm Wind**
Trees down.									
Russell County									
Castlewood	**28**	**1610EST**			**0**	**0**		**6K**	**Thunderstorm Wind**
Trees down.									
Washington County									
Countywide	**28**	**1625EST**			**0**	**0**		**17K**	**Thunderstorm Wind**
Trees down, mainly in the northern and central sections of the county.									
VIRGINIA, North									
Fauquier County									
Warrenton	**03**	**1840EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind (G52) M**
A wind gust of 60 MPH downed two trees.									
A thunderstorm that produced winds in excess of 55 MPH, frequent lightning, and heavy downpours moved across northern Virginia during the afternoon of the 3rd. In Fauquier County, winds estimated at 60 MPH downed two trees in Warrenton. In Rappahannock County, a total of 1.50 inches of rain fell in Castleton.									
Albemarle County									
Countywide	**05**	**1830EST**			**0**	**0**			**Heavy Rain**
		2030EST							
Doppler radar estimated over 2 inches of rainfall.									
Augusta County									
Countywide	**05**	**2000EST**			**0**	**0**			**Flash Flood**
Route 654 was flooded.									
Thunderstorms that produced heavy rainfall moved across th southern Shenandoah Valley during the evening of the 5th. In Augusta County, heavy downpours flooded Route 654. A total of 3.90 inches of rain fell in Stuarts Draft and 1.84 inches fell in Sherando. Doppler radar estimated rainfall as high as 4 to 5 inches in isolated locations of Augusta County. Doppler radar estimated around 2 inches of rainfall across Albemarle County.									
Shenandoah County									
Edinburg to	**10**	**1510EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Woodstock		**1520EST**							
Trees were downed.									
Shenandoah County									
Woodstock	**10**	**1510EST**			**0**	**0**	**10K**		**Lightning**
A lightning strike damaged a school gymnasium.									
Page County									
North Portion	**10**	**1530EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Trees were downed near the Warren County border.									
Warren County									
Browntown	**10**	**1530EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Trees were downed onto roads and a car and a roof was damaged.									
Fauquier County									
Countywide	**10**	**1540EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1630EST							
Trees were downed.									
Fauquier County									
Warrenton	**10**	**1558EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
		1615EST							
Trees and power lines were downed and a tin roof was damaged.									

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
VIRGINIA, North									
Madison County									
Countywide	**10**	**1600EST** **1700EST**			**0**	**0**			**Heavy Rain**
Rappahannock County									
Flint Hill	**10**	**1600EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees were downed.									
Madison County									
4 NW Nethers	**10**	**1610EST**			**0**	**0**			**Hail (0.88)**
Nickel sized hail fell on Thoroughfare Mountain.									
Madison County									
4 NW Nethers	**10**	**1610EST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Trees were downed and a shed was damaged on Thoroughfare Mountain.									
Manassas (C)									
Manassas	**10**	**1620EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
A tree was downed.									
Culpeper County									
Countywide	**10**	**1630EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Trees and power lines were downed and structures along Route 29 were damaged.									
Madison County									
Leon	**10**	**1635EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Trees were downed.									
Stafford County									
Countywide	**10**	**1635EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees were downed.									
Prince William County									
Woodbridge	**10**	**1640EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Trees were downed.									
Orange County									
4 NE Orange to Orange	**10**	**1645EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees were downed.									
Fredericksburg (C)									
Fredericksburg	**10**	**1710EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
Two trees were downed.									
King George County									
Countywide	**10**	**1715EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Trees and power lines were downed.									
Thunderstorms that produced winds in excess of 55 MPH, large hail, frequent lightning, and heavy downpours moved across northern Virginia during the afternoon and evening of the 10th. In Shenandoah County, trees and power lines were downed from Edinburg to Woodstock. One felled tree destroyed a stoplight. A lightning strike damaged a school gymnasium in Woodstock. A total of 1.51 inches of rain fell in Zepp. In Page County, trees were downed near the Warren County border. In Warren County, trees were downed onto roads, a roof, and a car in Browntown. In Madison County, nickel sized hail fell and several trees were downed on Thoroughfare Mountain. A shed was damaged by a felled tree nearby. Trees were also downed in Leon. Rainfall totals included nearly 3.0 inches in Brightwood and 1.5 inches in Leon. In Rappahannock County, trees were downed in Flint Hill. In Fauquier county, trees and power lines were downed in Warrenton and across the county. The tin roof of a nearby barn was peeled back and shutters and siding were torn off homes in town. In Prince William County, trees were downed in Manassas and Woodbridge. In Culpeper County, trees and power lines were downed. Along Route 29, gusty winds ripped a metal and canvas awning off a building and threw it onto the roof where it punctured holes that led to water damage inside. In Orange County, trees were downed in Rapidan and Orange. Trees were downed across Stafford and King George Counties. In Spotsylvania County, two trees were downed in Fredericksburg.									
Prince William County									
Countywide	**14**	**1800EST** **2300EST**			**0**	**0**			**Heavy Rain**
Prince William County									
3 SW Gainesville	**14**	**1830EST** **1838EST**			**0**	**0**			**Hail (1.00)**
Quarter sized hail fell in Greenwich.									
Prince William County									
3 SW Gainesville	**14**	**1850EST**			**0**	**0**			**Hail (1.00)**
Quarter sized hail fell in Greenwich.									
Shenandoah County									
Countywide	**14**	**1900EST** **2100EST**			**0**	**0**			**Heavy Rain**

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
VIRGINIA, North									
Warren County									
Countywide	**14**	**1900EST** **2100EST**			**0**	**0**			**Heavy Rain**
Manassas (C)									
Manassas	**14**	**1922EST**			**0**	**0**			**Hail (0.75)**
Dime sized hail fell.									
Page County									
Countywide	**14**	**1930EST** **2130EST**			**0**	**0**			**Heavy Rain**
Prince William County									
3 SW Buckhall	**14**	**1944EST**			**0**	**0**			**Hail (1.00)**
Quarter sized hail fell at Lake Jackson.									
Prince William County									
Northeast Portion	**14**	**1945EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
A tree was downed onto a house.									
Fauquier County									
Countywide	**14**	**2000EST** **2230EST**			**0**	**0**			**Heavy Rain**
Loudoun County									
Countywide	**14**	**2000EST** **2230EST**			**0**	**0**			**Heavy Rain**
Manassas (C)									
Manassas	**14**	**2000EST**			**0**	**0**			**Hail (0.88)**
Nickel sized hail fell.									
Page County									
7 N Luray	**14**	**2030EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Trees were downed.									
Fauquier County									
Warrenton	**14**	**2100EST**			**0**	**0**	**5K**		**Hail (1.75)**
Quarter to golfball sized hail damaged a vineyard.									
Loudoun County									
Ashburn	**14**	**2103EST** **2110EST**			**0**	**0**			**Hail (1.50)**
Dime to walnut sized hail fell.									
Loudoun County									
Sterling	**14**	**2111EST**			**0**	**0**	**10K**		**Hail (0.75)**
Dime sized hail damaged vegetation and dented cars.									
Fairfax County									
Countywide	**14**	**2120EST** **2300EST**			**0**	**0**			**Flash Flood**
Roads were flooded in Annandale.									
Loudoun County									
1 N Dulles Intl Arpt	**14**	**2123EST**			**0**	**0**			**Hail (0.88)**
Dime to nickel sized hail fell.									
Falls Church (C)									
Countywide	**14**	**2130EST** **2359EST**			**0**	**0**			**Heavy Rain**
Stafford County									
Countywide	**14**	**2130EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
A tree was downed onto a house.									
King George County									
Countywide	**14**	**2140EST** **2300EST**			**0**	**0**			**Flash Flood**
Over 3 inches of rain fell in one half hour in Dahlgren.									
Spotsylvania County									
Countywide	**14**	**2200EST** **2359EST**			**0**	**0**			**Heavy Rain**

A cold front moved across the region during the evening of the 14th. Thunderstorms that developed ahead and along this front produced very heavy rainfall, large hail, and winds in excess of 55 MPH. In Prince William county, marble to quarter sized hail fell in Greenwich and at Lake Jackson. A tree was downed onto a home in the northeast portion of the county where up to 2.7 inches of rain fell. Dime to nickel sized hail fell in Manassas. In Stafford County, a tree was downed onto a home. In Fauquier County, quarter to golfball sized hail damaged a vineyard near Warrenton. A total of 2.5 inches of rain fell at Broad Run. In Rappahannock County, hail fell in Massie's Corner. In Page County, trees were downed north of Luray. A total of 2.11 inches of rain fell at Rocky Branch. In Warren County, rainfall totals included 1.70 inches in Strasburg and 1.61 inches in Nineveh. In Spotsylvania County,

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

VIRGINIA, North

2.20 inches of rain fell in Spotsylvania. In Shenandoah County, 2.02 inches fell at Burnshire Dam and pea sized hail fell in Woodstock. In Loudoun County, dime to walnut sized hail fell in Ashburn where foliage was stripped and cars were dented. Dime to nickel sized hail fell near Dulles International Airport where winds gusted to 40 MPH. Dime sized hail fell with such force in Sterling that it stripped leaves from vegetation and dented cars. Rainfall totals included 1.75 inches in Ashburn and 1.05 inches at Dulles International Airport. In Fairfax County, Route 1 and Woodburn Road were closed by high water. Rainfall totals included 4.25 inches at Ft. Belvoir, 3.30 inches in Burke, 3.08 inches at Mt. Vernon, and 2.05 inches in Herndon and Annandale. A house in Oakton was damaged by a fire caused by a lightning strike. At Washington National Airport in Arlington, a wind gust of 53 MPH downed tree branches. In Falls Church, 1.96 inches was recorded. In King George County, over 3 inches of rain fell in 30 minutes near Dahlgren. Marble sized hail fell in Arlington.

Loudoun County
Sterling — **16** — **1735EST** — **0** — **0** — **Hail (0.75)**
Dime sized hail fell.

Loudoun County
4 NE Leesburg — **16** — **1805EST** — **0** — **0** — **0.50K** — **Thunderstorm Wind**
Trees were downed onto White's Ferry Road.
A thunderstorm which produced winds in excess of 55 MPH, large hail, and brief heavy downpours moved across Loudoun County during the evening of the 16th. Marble to dime sized hail was reported in Sterling. A total of 1.25 inches of rain fell in 20 minutes in Leesburg. Northeast of Leesburg, trees were downed onto White's Ferry Road and on the shore of the Potomac River. In addition, pea sized hail was reported in Arlington.

Loudoun County
Ashburn — **22** — **1550EST** — **0** — **0** — **100K** — **Lightning**
A house was destroyed by a lightning fire.
A lightning bolt ignited a fire which heavily damaged a home in Ashburn.

Augusta County
Countywide — **28** — **1245EST** — **0** — **0** — **Flash Flood**
1430EST
Roads were flooded in Sherando.

Staunton (C)
Staunton — **28** — **1245EST** — **0** — **0** — **Flash Flood**
1430EST
Roads were flooded.

Rockingham County
Countywide — **28** — **1500EST** — **0** — **0** — **Heavy Rain**
1730EST

Shenandoah County
Countywide — **28** — **1500EST** — **0** — **0** — **Heavy Rain**
1730EST

Charlottesville (C)
Charlottesville — **28** — **1530EST** — **0** — **0** — **Flash Flood**
1730EST
Roads were closed by high water.

Culpeper County
Countywide — **28** — **1600EST** — **0** — **0** — **Heavy Rain**
1800EST

Fauquier County
Countywide — **28** — **1600EST** — **0** — **0** — **Heavy Rain**
1800EST

Nelson County
Countywide — **28** — **1600EST** — **0** — **0** — **Heavy Rain**
1830EST

Fairfax County
Countywide — **28** — **1700EST** — **0** — **0** — **Heavy Rain**
1900EST

Loudoun County
Countywide — **28** — **1700EST** — **0** — **0** — **Heavy Rain**
1900EST

Spotsylvania County
North Portion — **28** — **1700EST** — **0** — **0** — **Heavy Rain**
1900EST

Albemarle County
Charlottesville Arpt — **28** — **1710EST** — **0** — **0** — **Hail (0.75)**
Dime sized hail fell.

Nelson County
Faber — **28** — **1713EST** — **0** — **0** — **40K** — **Lightning**

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

VIRGINIA, North

A large barn was destroyed by a lightning fire.

Alexandria (C)

Alexandria	**28**	**1730EST** **1930EST**			**0**	**0**			**Heavy Rain**

Arlington County

Countywide	**28**	**1730EST** **1930EST**			**0**	**0**			**Heavy Rain**

Prince William County

Countywide	**28**	**1730EST** **1930EST**			**0**	**0**			**Heavy Rain**

Stafford County

Countywide	**28**	**1730EST** **1930EST**			**0**	**0**			**Heavy Rain**

Fauquier County

Opal	**28**	**1800EST**			**0**	**0**			**Hail (0.75)**

Dime sized hail fell.

Manassas (C)

Manassas	**28**	**1800EST**			**0**	**0**			**Hail (0.75)**

Dime sized hail fell.

Prince William County

Countywide	**28**	**1800EST**			**0**	**0**	**5K**		**Thunderstorm Wind**

Trees were downed.

Fairfax (C)

Fairfax	**28**	**1840EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**

Trees were downed at GMU.

Fairfax County

2 NW Springfield	**28**	**1845EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**

A tree was downed onto the Beltway at Braddock Road.

Spotsylvania County

3 NE Four Mile Fork	**28**	**1945EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**

Trees were downed along the Rappahannock River near Interstate 95.

During the afternoon and evening of the 28th, thunderstorms which produced winds in excess of 55 MPH, heavy rainfall, frequent lightning, and hail moved across northern Virginia. In Augusta County, heavy rain flooded roads in Sherando and Staunton. Gypsy Hill Park in Staunton was also closed by high water. Rainfall totals included 2.25 inches in Staunton and 1.54 inches in Sherando. In Albemarle County, dime sized hail fell at the Charlottesville Airport. High water also closed roads in Charlottesville. In Nelson County, a lightning strike sparked a fire which destroyed a barn in Faber. A total of 2.76 inches of rain fell in Rockfish. In Rockingham County, a total of 1.95 inches fell in Briery Branch. Rainfall totals in Shenandoah County included 2.45 inches in Zepp and 1.70 inches at Fetzer Gap. In Fauquier County, pea to dime sized hail fell in Opal, where 2.00 inches was recorded in 30 minutes. In Culpeper County, 1.70 inches of rain fell in Culpeper. In Madison County, 1.59 inches of rain fell in Syria. In Prince William County, trees were downed and 2.98 inches of rain fell at Lake Jackson. Dime sized hail fell in Manassas. In Fairfax County, a tree was downed onto the beltway at Braddock Road and trees were downed near George Mason University in Fairfax. Five county homes were damaged by lightning. Rainfall totals included 2.65 inches at Ft. Belvoir, 2.56 inches in Springfield, 2.25 inches in Reston, 2.10 inches in Annandale, and 1.52 inches in Herndon. In Spotsylvania County, trees were downed along the Rappahannock River 3 miles west of Interstate 95. In Stafford County, 2.75 inches of rain fell in less than 30 minutes near Stafford. In Loudoun County, 1.65 inches of rain fell at Dulles International Airport where winds gusted to 53 MPH. A total of 2.21 inches of rain fell in Arlington.

Shenandoah County

Mt Jackson	**29**	**1545EST**			**0**	**0**	**50K**		**Thunderstorm Wind**

An aluminum barn roof and a well house roof were blown off, a home was damaged, and crops and trees were blown down.

Madison County

Countywide	**29**	**1600EST** **2200EST**			**0**	**0**			**Heavy Rain**

Page County

Countywide	**29**	**1600EST** **2200EST**			**0**	**0**			**Heavy Rain**

Shenandoah County

Countywide	**29**	**1600EST** **2200EST**			**0**	**0**			**Heavy Rain**

Rockingham County

Countywide	**29**	**1720EST** **1800EST**			**0**	**0**			**Flash Flood**

Route 259 was flooded at Fulks Run.

Scattered thunderstorms that produced heavy rainfall moved across the central Shenandoah Valley during the afternoon of the 29th. In Rockingham County, heavy downpours caused Fulks Run to overflow its banks and flood Route 259. Rainfall totals included 2.78

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

VIRGINIA, North

inches in Cootes Store and 2.68 inches in Briery Branch. In Shenandoah County, high winds damaged several structures and crops. The aluminum roof of a turkey barn was blown off and thrown 300 yards by high winds. Nearby, trees and corn crops were blown over and apples were blown off trees in an orchard. In addition, the roof of a well house was removed an a large white column was torn from the front porch of a house. A total of 1.66 inches of rain fell in New Market. In Page County, 1.74 inches fell at Lewis Mountain Camp. In Madison County, 1.85 inches fell in Hood.

Nelson County

Countywide	**31**	**1200EST**		**0**	**0**			**Heavy Rain**
		1800EST						

Rappahannock County

Countywide	**31**	**1200EST**		**0**	**0**			**Heavy Rain**
		1800EST						

Isolated thunderstorms produced heavy rainfall across the central and southern Shenandoah Valley during the afternoon of the 31st. In Nelson County, 2.00 inches was recorded in Tye River. In Rappahannock County, 1.68 inches was reported at Massie's Corner.

VIRGINIA, Northwest

VAZ004 **Buchanan**

	01	**0000EST**		**0**	**0**			**Monthly Precipitation**
	31	**2300EST**						

Several rounds of showers and thunderstorms produced 12 inches of rain /11.95/ at the Home Creek automatic rain gauge in July. Monthly rain totals of 8 to 10 were more common across the county.

Buchanan County

Hurley to	**13**	**1000EST**		**1**	**0**	**75K**		**Flash Flood**
Grundy		**1400EST**						

Rains of around 2 inches fell in less than 3 hours during the late morning and midday period, over saturated ground. An automatic gauge near Home Creek had recorded 6 inches of rain from the 10th to the 13th. Small streams flooded. A 28 year old female drowned in the Left Fork of Lester Fork. According to the investigator at the sheriff's office, she had walked across a foot bridge to turn horses loose from a barn. When she attempted to come back across the bridge, it was under water. She was tossed a rope, but lost her footing and fell in. Her body was found late that afternoon against a retaining wall at Hurley Park.

Basement and garages were flooded along Looney Creek and Route 656. Shoulders of secondary roads received washout damage. Buchanan County Board of Supervisors declared a local emergency in the aftermath of this high water.
F28OU

Buchanan County

Vansant	**28**	**1304EST**		**0**	**0**			**Hail (0.75)**

VIRGINIA, Southwest

Pittsylvania County

Brosville	**14**	**2001EST**		**0**	**0**	**0**		**Thunderstorm Wind**

Thunderstorm winds during the evening of the 14th downed trees in Brosville.

Salem (C)

Salem (C)	**16**	**1605EST**		**0**	**0**			**Hail (0.75)**

Halifax County

2 E Nathalie	**16**	**1710EST**		**0**	**0**		**185K**	**Hail (1.75)**

Thunderstorms during the afternoon of the 16th produced hail up to dime size. The hail destroyed 37 acres of tobacco in and around Nathalie.

Montgomery County

Christiansburg	**19**	**1725EST**		**0**	**0**	**1K**		**Thunderstorm Wind (G50)**

Montgomery County

Christiansburg	**19**	**1739EST**		**0**	**0**	**0**		**Thunderstorm Wind**

Montgomery County

Christiansburg	**19**	**1745EST**		**0**	**0**	**10K**		**Thunderstorm Wind**

Thunderstorms during the evening of the 19th produced damaging winds.

Thunderstorm winds downed trees, including one nearly 3 feet in diameter, and blew two mobile homes off of their foundation in Christiansburg. An off duty NWS meteorologist estimated a 50 knot wind gust picked up a camper shell and blew it into a fence, damaging the fence, also in Christiansburg.

Halifax County

South Boston	**23**	**1940EST**		**0**	**0**			**Flash Flood**
		2100EST						

Heavy thunderstorm rains flooded and closed Summit Road and Railroad Street at their intersection.

Alleghany County

Countywide	**28**	**1520EST**		**0**	**0**	**0**		**Thunderstorm Wind**
		1540EST						

Storm Data and Unusual Weather Phenomena

July 2000

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
VIRGINIA, Southwest									
Tazewell County									
Tazewell	**28**	**1645EST**			**0**	**0**			**Hail (1.75)**
Tazewell County									
Tazewell	**28**	**1645EST**			**0**	**0**	**0**		**Thunderstorm Wind**
Lynchburg (C)									
Lynchburg	**28**	**1840EST**			**0**	**0**			**Flash Flood**
		2000EST							
Danville (C)									
Danville	**28**	**2055EST**			**0**	**0**	**0**		**Thunderstorm Wind**

Thunderstorms on the afternoon and evening of the 28th produced hail up to golf ball size, damaging winds, and flash flooding.

Thunderstorm winds downed trees in Tazewell, power lines in Danville, and trees across Alleghany County.

Heavy thunderstorm rains flooded and closed the 3000 block of Ward Road in Lynchburg.

Montgomery County									
Shawsville to	**29**	**1617EST**			**0**	**0**			**Flash Flood**
Elliston		**1800EST**							
Montgomery County									
4 E Christiansburg	**29**	**1705EST**			**0**	**0**			**Flash Flood**
		1745EST							
Montgomery County									
Elliston	**29**	**2020EST**			**0**	**0**	**0**		**Thunderstorm Wind**
Roanoke County									
Vinton	**29**	**2155EST**			**0**	**0**			**Flash Flood**
	30	**0030EST**							
Roanoke (C)									
Roanoke	**29**	**2155EST**			**0**	**0**			**Flash Flood**
	30	**0030EST**							

Thunderstorms from the late afternoon of the 29th through the early morning of the 30th produced flash flooding and damaging winds.

Heavy thunderstorm rains flooded Roanoke Road 4 miles east of Christiansburg, creeks and streams from Shawsville to Elliston, and flooded many roads in Roanoke and Vinton.

Thunderstorm winds downed trees in Elliston.

Campbell County									
Leesville	**31**	**1400EST**			**0**	**0**	**150K**		**Lightning**
Halifax County									
5 SE South Boston	**31**	**1600EST**			**0**	**0**			**Flash Flood**
		1730EST							
Henry County									
Irisburg	**31**	**2030EST**			**0**	**0**	**125K**		**Lightning**

Thunderstorms during the afternoon and evening of the 31st produced flash flooding and damaging lightning.

Heavy thunderstorm rains during the late afternoon of the 31st flooded and closed part of Route 58, five miles southeast of South Boston.

Lightning struck a house in Irisburg and in Leesville starting fires that destroyed both houses.

WASHINGTON, Northeast									
Douglas County									
2 E Waterville	**03**	**1145PST**			**0**	**0**			**Tstm Wind/Hail**

Pea-sized hail piled up to a depth of one inch on US Hwy 2 just east of Waterville.

Grant County									
8 SSE Hartline	**03**	**1300PST**			**0**	**0**			**Funnel Cloud**

Storm Data and Unusual Weather Phenomena

July 2000

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

WASHINGTON, Northeast

This funnel cloud appeared over northern Grant County near the center of an upper level low that hovered over the Northwest on July 3. Copyright 2000, Don Moore.

Spokane County

6 SW Spokane — **03** — **1645PST** — **0** — **0** — **Hail (0.88)**

Ferry County

8 NW Keller — **09** — **1430PST** — **0** — **0** — **Tstm Wind/Hail**

Pea-sized hail covered Cache Creek Road to a depth of one inch, causing cars to slide off the road.

Stevens County

1 NW Addy — **09** — **1530PST** — **0** — **0** — **Hail (0.75)**

Marble to dime-sized hail covered the ground to a depth of up to five inches. The hail cover was so thick that it took until late the next morning for the hail to completely melt from the ground.

Stevens County

1 NW Addy — **09** — **1545PST** — **0** — **0** — **20K** — **Flash Flood**

Over 1.8 inches of rain fell in less than one hour, washing out several driveways and submerging a bridge along a secondary roadway when a creek rose quickly from the heavy rain.

Pend Oreille County

Cusick — **09** — **1620PST** — **0** — **0** — **50K** — **Thunderstorm Wind**

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

WASHINGTON, Northeast

Outflow winds from weakening thunderstorms blew a large tree onto this trailer near the fairgrounds in Cusick. Fortunately, nobody was in the trailer when this happened. By the time this photo was taken, the actual tree had been removed, but parts of the tree can be seen in the foreground. Photo taken by NWS Spokane WCM Ken Holmes.

Thunderstorm winds blew over about 25 pine trees. One of the trees fell onto a trailer, causing significant damage to the trailer. One woman received an indirect injury when she tripped over a fence while running from the stand of falling trees.

Summary of events for July 9 2000:

An upper level disturbance clipped the northern mountains of Washington, causing a broad area of thunderstorms to develop early on the afternoon of July 9 along the Cascade East Slopes and near the Okanogan Valley. This area of thunderstorms strengthened as it moved east, causing significant amounts of hail and locally excessive rainfall in parts of Ferry and Stevens Counties. The thunderstorms weakened as they entered eastern Stevens County. This weakening sent an outflow boundary across Pend Oreille County, where the wind caused damage near Cusick.

Okanogan County

4 SE Oroville	**22**	**1200PST**		**0**	**0**	**3.3M**		**Wild/Forest Fire**

The "Rocky Hull" wildfire, which was sparked by lightning several days earlier and fanned by gusty winds, destroyed thirty-three homes in the Mount Hull area. One man suffered a heart attack and died while trying to, according to a newspaper article, "help his fellow residents" against the fire. The indicated cost of this fire only reflects property damage and does not include the roughly $4 million price tag of fighting the fire. The fire burned 9,375 acres.

Okanogan County

Brewster	**22**	**1555PST**		**0**	**0**			**Tstm Wind/Hail**

Half-inch diameter hail.

Okanogan County

4 SW Malott to 1 N Malott	**22**	**1617PST 1620PST**		**0**	**0**		**20K**	**Hail (1.00)**

There were three separate reports of hail near Malott. First, there was a report of dime-sized (0.75") hail 4 miles southwest of Malott at 517 PM PDT. Then there was a report of quarter-sized (1") hail 1 mile west of Malott also at 517 PM PDT. This location also reported a 41 mph thunderstorm wind gust and 0.48 inches of rain in 10 minutes. Finally, there was a report of half-inch diameter hail 1 mile north of Malott at 520 PM PDT. The hail apparently caused damage to several fruit orchards.

Okanogan County

7 NW Okanogan to Conconully	**22**	**1710PST**		**0**	**0**			**Tstm Wind/Hail**

Half-inch diameter hail.

Summary of events for July 22 2000:

A weather disturbance moving from south to north across Washington state spawned a cluster of strong to severe thunderstorms over Okanogan County. The cluster gradually shifted north into Canada. The primary threat from the storms was hail to the size of quarters.

WASHINGTON, Northwest

NONE REPORTED.

WASHINGTON, Southeast

Yakima County

12 W Tampico	**17**	**1700PST 2200PST**		**0**	**0**		**0**	**Wild/Forest Fire**

Lightning from evening thunderstorms started a 50 acre fire in state forest land on White's Ridge.

Yakima County

4 NW White Swan	**17**	**1700PST**		**0**	**0**		**0**	**Wild/Forest Fire**

Lightning caused a 80 acre grass fire on Old Maid Road.

Walla Walla County

5 N Walla Walla	**21**	**1540PST**		**0**	**0**	**2K**	**0**	**Dry Microburst**

Winds from a dissipating thunderstorm broke tree limbs 8 to 10 inches in diameter, damaged the roof of a camper, and broke a window. Very little rain fell from this storm.

Benton County

Finley	**21**	**1630PST 1800PST**		**0**	**0**	**0**		**Wild/Forest Fire**

Lightning from dry thunderstorms started two range fires near the town of Finley. One fire burned around 40 acres of fallow farmland near the intersection of Finley and Farm Roads south of Finley. The second fire started near Ayers Road and Yellepit pond. No structures were harmed by these two fires.

WASHINGTON, Southwest

NONE REPORTED.

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
WEST VIRGINIA, East									
Hardy County									
Countywide	**13**	**1400EST**			**0**	**0**			**Heavy Rain**
		1600EST							
Hardy County									
6 S Moorefield	**13**	**1500EST**			**0**	**0**			**Hail (0.75)**
	Dime sized hail fell.								
Hardy County									
6 S Moorefield	**13**	**1500EST**			**0**	**0**	**10K**		**Thunderstorm Wind**
	Large trees were downed and minor roof damage was reported.								
	A thunderstorm that produced large hail, winds in excess of 55 MPH, and heavy downpours moved across Hardy County during the afternoon of the 13th. South of Moorefield, dime sized hail fell and a few large trees were downed. A few homeowners reported minor roof damaged from felled trees. Heavy downpours produced minor flooding along Route 220 and flooded basements in homes.								
Berkeley County									
Countywide	**14**	**1800EST**			**0**	**0**			**Heavy Rain**
		2000EST							
Jefferson County									
Countywide	**14**	**1800EST**			**0**	**0**			**Heavy Rain**
		2000EST							
Berkeley County									
Hedgesville	**14**	**1845EST**			**0**	**0**			**Hail (1.00)**
		1855EST							
	Marble to quarter sized hail fell.								
Jefferson County									
5 SW Shepherdstown	**14**	**2000EST**			**0**	**0**			**Hail (1.00)**
	Pea to quarter sized hail fell in Kearneysville.								
Jefferson County									
5 SW Shepherdstown	**14**	**2000EST**			**0**	**0**	**0.50K**		**Thunderstorm Wind**
	Trees were damaged.								
	A cold front moved across the region during the evening of the 14th. Thunderstorms that developed ahead and along this front produced very heavy rainfall, large hail, and winds in excess of 55 MPH. In Berkeley County, marble to quarter sized hail fell in Hedgesville. A total of 3.75 inches of rain was recorded in Inwood where winds gusted to 42 MPH. In Jefferson County, pea to quarter sized hail fell and trees were damaged in Kearneysville. A total of 5.00 inches of rain fell in Harpers Ferry.								
Jefferson County									
Shepherdstown	**16**	**1605EST**			**0**	**0**			**Hail (1.75)**
	Golfball sized hail fell.								
	A thunderstorm that produced large hail and brief heavy downpours moved across Jefferson County during the afternoon of the 16th. Golfball sized hail fell in Sheperdstown.								
Hardy County									
Moorefield	**28**	**1425EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
	Trees were downed.								
Hampshire County									
Delray	**28**	**1430EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
	Trees were downed.								
Morgan County									
Berkeley Spgs	**28**	**1630EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
	Trees were downed.								
Berkeley County									
Hedgesville to Bedington	**28**	**1640EST**			**0**	**0**			**Hail (1.00)**
		1650EST							
	Quarter sized hail fell.								
Berkeley County									
Hedgesville	**28**	**1640EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
	Trees were downed.								
	During the afternoon of the 28th, thunderstorms which produced winds in excess of 55 MPH, heavy downpours, and large hail crossed the Eastern Panhandle. In Hampshire County, trees wee downed in Delray. In Howard County, trees were downed in Moorefield. In Berkeley County, quarter sized hail fell from Hedgesville to Bedington. Trees were downed along Camp Frame Road and Dry Run Road near Hedgesville. In Morgan County, trees were downed in Berkeley Springs where one inch of rain fell in 20 minutes.								
Grant County									
Countywide	**31**	**1500EST**			**0**	**0**			**Flash Flood**
		1700EST							
	Streets were flooded in Petersburg.								

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
WEST VIRGINIA, East									
Mineral County									
Countywide	**31**	**1500EST**			**0**	**0**			**Flash Flood**
		1700EST							
Streets were flooded.									
Grant County									
Petersburg Grant Arp to Petersburg	**31**	**1520EST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Garage doors were blown off a hanger and trees were downed.									
Hampshire County									
Countywide	**31**	**1600EST**			**0**	**0**			**Flash Flood**
		1800EST							
Streets were flooded.									
Hardy County									
Countywide	**31**	**1600EST**			**0**	**0**			**Flash Flood**
		1800EST							
Streets were flooded.									
Thunderstorms that produced heavy rain and gusty winds moved across the Eastern Panhandle during the afternoon and evening of the 31st. In Mineral and Hardy Counties, heavy downpours flooded streets in Moorefield and Piedmont. In Hampshire County, 2.25 inches of rain fell in Romney in 30 minutes which resulted in flooded roads. In Grant County, street flooding was reported in Petersburg. Winds in excess of 55 MPH blew garage doors off a hanger at the Grant County Airport near Petersburg. The roof of a pool bath house was blown off and trees were downed in the vicinity.									
WEST VIRGINIA, North									
Marion County									
Countywide	**10**	**2005EST**			**0**	**0**	**5K**		**Flood**
		2330EST							
Minor flooding temporarily closed US route 19 in the Rivesville and Smithville areas, and CR 73 in the Catawba area.									
Monongalia County									
South Portion	**10**	**2010EST**			**0**	**0**	**5K**		**Flood**
		2330EST							
Minor flooding was reported on SR 7 in Wadestown. Upper Days Run near Daybrook overflowed its banks, flooding Upper Days Run Road and Days Run Road. in the southeast part of the county, Arnettsville Road was flooded.									
Preston County									
Countywide	**10**	**2240EST**			**0**	**0**	**20K**		**Flood**
	11	**0030EST**							
Minor roadway flooding was reported on SR 7 near Caddell and SR 72 near Camp Dawson. In Kingwood, several basements were flooded.									
Torrential thunderstorm rains of up to 3 inches in a few hours produced minor flash flooding problems across portions of northern West Virginia. A few small streams overflowed their banks, but the primary problem across the area was flooded roadways.									
WEST VIRGINIA, Southeast									
Summers County									
Hinton to	**05**	**1145EST**			**0**	**0**			**Flash Flood**
2.5 NW Hinton		**1300EST**							
Summers County									
Meadow Creek	**05**	**1200EST**			**0**	**0**			**Flash Flood**
		1330EST							
Summers County									
.5 N Sandstone	**05**	**1215EST**			**0**	**0**			**Flash Flood**
Monroe County									
Creamery	**05**	**1240EST**			**0**	**0**			**Flash Flood**
		1500EST							
Monroe County									
West Portion	**05**	**1240EST**			**0**	**0**			**Flash Flood**
		1400EST							
Thunderstorm rains on the afternoon of the 5th produced flash flooding.									
Heavy thunderstorm rains caused streams and creeks to flood from Hinton to 2.5 miles northwest of Hinton, flooded houses in Meadow Creek, flooded and closed County Route 7 in Creamery, and flooded part of Indian Creek in the west portion of Monroe County. Flooding of Laurel Branch 1/2 mile north of Sandstone isolated houses.									
Greenbrier County									
2 NE Frankford	**16**	**1305EST**			**0**	**0**			**Hail (0.75)**
Thunderstorms during the afternoon of the 16th produced hail up to dime size 2 miles northeast of Frankford.									
Mercer County									
Princeton	**28**	**1354EST**			**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

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

WEST VIRGINIA, Southeast

Summers County

Pipestem **28** **1400EST** **0** **0** **0** **Thunderstorm Wind**

Thunderstorms during the afternoon of the 28th produced damaging winds and hail up to dime size.

Thunderstorm winds downed trees in Pipestem.

WEST VIRGINIA, West

Putnam County

4 NE Poca **03** **1700EST** **0** **0** **1K** **Thunderstorm Wind**

Several trees or large branches were fallen along Heizer Creek.

Putnam County

Winfield **03** **1758EST** **0** **0** **2K** **Thunderstorm Wind**

Trees were uprooted and the baseball dugouts were damaged in the city park.

Wood County

Kanawha to **04** **2200EST** **0** **0** **25K** **Flash Flood**

3 E Walker **05** **0200EST**

Estimated rains of 2 to 3 inches fell in less than 3 hours along a slow moving cold front. Dew points were in the 70 to 75 degree range. A small tributary, Kites Run, washed out the back wall and floor of one resident's kitchen. The refrigerator and the oven fell through the floor and into a big hole. Roads along Walker Creek were flooded.

Ritchie County

Pennsboro to Pullman **10** **1255EST** **0** **0** **2K** **Thunderstorm Wind**

Large tree limbs were blown down.

Barbour County

Volga to Philippi **10** **1300EST** **0** **0** **1K** **Thunderstorm Wind**

Harrison County

Glen Falls **10** **1300EST** **0** **0** **2K** **Thunderstorm Wind**

Several trees were knocked down.

Gilmer County

2 S Coxs Mills **10** **1305EST** **0** **0** **1K** **Thunderstorm Wind**

Several trees were knocked down along County Route 1.

Taylor County

Flemington **10** **1330EST** **0** **0** **1K** **Thunderstorm Wind**

Jackson County

1 E Ripley **10** **1335EST** **0** **0** **1K** **Thunderstorm Wind**

Roane County

Clover **10** **1400EST** **0** **0** **1K** **Thunderstorm Wind**

Trees were blown down along Route 36.

Lewis County

Walkersville **10** **1405EST** **0** **0** **1K** **Thunderstorm Wind**

Putnam County

Eleanor **10** **1500EST** **0** **0** **1K** **Thunderstorm Wind**

Putnam County

Winfield **10** **1500EST** **0** **0** **5K** **Thunderstorm Wind**

Trees and power lines were knocked down.

Kanawha County

Charleston **10** **1515EST** **0** **0** **100K** **Thunderstorm Wind**

Trees were blown down in several locations within the city. A tree fell on a house on Ohio Street, and on a car along Monongalia Street. An evergreen tree fell into power lines at the Little League field in the Kanawha City section, causing a utility pole to fall.

Kanawha County

Glasgow **10** **1525EST** **0** **0** **1K** **Thunderstorm Wind**

Large tree branches were broken off.

Lincoln County

West Hamlin to Branchland **10** **1535EST** **0** **0** **5K** **Thunderstorm Wind**

Power lines were cut by fallen trees.

Boone County

Gordon **10** **1650EST** **0** **0** **1K** **Thunderstorm Wind**

Three large trees were blown down.

Roane County

Peniel **10** **1715EST** **0** **0** **1K** **Thunderstorm Wind**

Trees were blown down along Route 33.

Storm Data and Unusual Weather Phenomena

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
WEST VIRGINIA, West									
Mingo County									
Countywide	**10**	**1730EST**			**0**	**0**	**4K**		**Thunderstorm Wind**
		1740EST							
Trees were reported blown down along County Route 3/5 near Dingess, Ragland, and Matewan.									
Raleigh County									
Lester	**10**	**1740EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Power lines were knocked down by fallen trees.									
Cabell County									
Huntington	**10**	**2115EST**			**0**	**0**	**50K**		**Flash Flood**
		2230EST							
Rains of 1.5 to 2inches fell in less than 3 hours in a second round of thunderstorms on the 10th. Minor stream flooding occurred, in addition to street flooding. Firefighters and police officers wearing life jackets, rescued motorists trapped in their vehicles, mainly in underpasses.									
Mcdowell County									
Countywide	**10**	**2200EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Trees were blown down in scattered locations, including War and Bradshaw.									
Cabell County									
Barboursville	**14**	**1826EST**			**0**	**0**			**Hail (0.75)**
Cabell County									
3 N Barboursville to	**14**	**1835EST**			**0**	**0**	**15K**		**Thunderstorm Wind**
2 N Barboursville		**1840EST**							
Numerous trees were fallen along Merrick Creek Road, which is County Route 19.									
Putnam County									
Hurricane	**14**	**1845EST**			**0**	**0**			**Hail (1.25)**
Lincoln County									
Hamlin	**14**	**1849EST**			**0**	**0**			**Hail (0.75)**
Boone County									
Costa to	**14**	**1910EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Racine									
Large tree limbs were knocked down in the Big Coal River Valley.									
Lincoln County									
Alkol	**14**	**1910EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Cabell County									
Huntington	**28**	**0730EST**			**0**	**0**	**200K**		**Thunderstorm Wind**
Fallen tree limbs littered a 3 block area around Locust and Lower Terrace Roads in the Walnut Hills section of the city. At least 2 homes received significant damage. Two utility poles were snapped. One resident said, "I have tree branches coming all the way through our roof into our bathtub and bathroom sink."									
Gilmer County									
Linn	**28**	**1110EST**			**0**	**0**	**3K**		**Hail (0.75)**
A few vehicles had their paint chipped by the hail.									
Lewis County									
Alum Bridge	**28**	**1120EST**			**0**	**0**			**Hail (0.75)**
Wyoming County									
Pineville	**28**	**1255EST**			**0**	**0**			**Hail (0.75)**
Mcdowell County									
Davy	**28**	**1302EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
A few trees and several large branches were fallen by the wind.									
Wayne County									
1 E Saltpetre	**28**	**1410EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Numerous tree limbs, that were 6 to 8 inches in diameter, were broken off along Bromley Ridge.									
Jackson County									
Fair Plain	**28**	**1440EST**			**0**	**0**			**Hail (0.88)**
Putnam County									
Scott Depot	**28**	**1445EST**			**0**	**0**			**Hail (0.88)**
Logan County									
Ethel	**28**	**1450EST**			**0**	**0**	**3K**		**Thunderstorm Wind**
Numerous large branches were broken off along Route 17.									
Kanawha County									
Nitro	**28**	**1455EST**			**0**	**0**			**Hail (1.00)**
Kanawha County									
Charleston	**28**	**1507EST**			**0**	**0**			**Hail (0.88)**
Boone County									
Madison	**28**	**1520EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
A few large trees were blown down.									

Storm Data and Unusual Weather Phenomena

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
WEST VIRGINIA, West									
Fayette County									
Gauley Bridge	**28**	**1540EST**			**0**	**0**	**5K**		**Thunderstorm Wind**
Power lines were snapped by fallen tree branches.									
Wayne County									
1 S Wayne	**29**	**1815EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Trees were knocked down along Route 37.									
Wayne County									
Dunlow	**29**	**1950EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
A few large trees fell along Route 152.									
Boone County									
Williams Mtn	**29**	**2050EST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Route 5 was blocked by fallen trees.									
Lincoln County									
2 W Sumerco	**29**	**2050EST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Trees were blown down along Porter Fork and Route 214.									
Kanawha County									
Sissonville	**29**	**2135EST**			**0**	**0**	**8K**		**Thunderstorm Wind**
Fallen trees damaged a mobile home.									
Cabell County									
Milton to	**29**	**2215EST**			**0**	**0**	**5K**		**Flash Flood**
Culloden		**2315EST**							
Streams flooded roads, including Route 60. No homes were damaged.									
Putnam County									
3 N Hurricane to	**29**	**2230EST**			**0**	**0**	**5K**		**Flash Flood**
5 NE Hurricane		**2345EST**							
Hurricane Creek flooded County Route 19 causing some erosion damage.									
Logan County									
Logan to	**30**	**1700EST**			**0**	**0**	**25K**		**Flash Flood**
Man		**1900EST**							
Streams overflowed and temporarily closed Route 10. Water caused minor damage to a few homes around Neibert. Rains of 1 to 2 inches fell on saturated ground in less than an hour.									
Raleigh County									
Odd to	**30**	**1730EST**			**0**	**0**	**2K**		**Flash Flood**
Besoco		**1900EST**							
Streams around Devils Backbone, including Tommy and Pines Creeks, flooded roads.									
Harrison County									
Lumberport to	**30**	**1830EST**			**0**	**0**	**10K**		**Flash Flood**
Enterprise		**2000EST**							
Creeks overflowed and blocked roads, including Route 19. No homes were damaged. A construction site was damaged by the runoff.									
Wyoming County									
Hanover to	**30**	**1830EST**			**0**	**0**	**15K**		**Flash Flood**
Ikes Fork		**2030EST**							
Streams, such as Garden Gap Branch, Muzzle Fork, and Huff Creek, damaged roads.									
Wayne County									
Ft Gay	**31**	**1000EST**			**0**	**0**	**5K**		**Flash Flood**
		1115EST							
Roads were blocked by flooding along small streams.									
Randolph County									
Beverly	**31**	**1430EST**			**0**	**0**	**40K**		**Flash Flood**
		1700EST							
Files Creek flooded a couple of homes and damaged a few private bridges. Water also surrounded some mobile homes.									
Pocahontas County									
Dunmore to	**31**	**1900EST**			**0**	**0**	**15K**		**Flash Flood**
Frost		**2000EST**							
Thomas Creek flooded portions of Route 28. A spotter in Frost reported 3 inches of rain, with 2.5 inches falling 2 miles south of Dunmore.									
WISCONSIN, Extreme Southwest									
NONE REPORTED.									
WISCONSIN, Northeast									
Vilas County									
Presque Isle	**01**	**2051CST**			**0**	**0**			**Hail (0.88)**

Storm Data and Unusual Weather Phenomena

July 2000

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
WISCONSIN, Northeast									
Vilas County									
Boulder Jct	**01**	**2120CST**			**0**	**0**			**Hail (0.88)**
A cluster of thunderstorms developed over north central Wisconsin near a cold front. The strongest of the storms produced nickel size hail in Vilas county.									
Oneida County									
Rhinelander	**02**	**1100CST**			**0**	**0**			**Urban/Sml Stream Fld**
		1400CST							
Vilas County									
Eagle River	**02**	**1100CST**			**0**	**0**			**Urban/Sml Stream Fld**
		1300CST							
Heavy rain fell over saturated ground in Vilas county and Oneida county, resulting in some street flooding and backed up storm sewers.									
WIZ039	**Brown**								
	07	**1800CST**			**0**	**0**			**Record Rainfall**
	08	**1800CST**							
Oneida County									
East Portion	**08**	**0235CST**			**0**	**0**	**179.5K**		**Flood**
		0400CST							
Langlade County									
Antigo	**08**	**0355CST**			**0**	**0**			**Flood**
		0500CST							
Brown County									
Green Bay to	**08**	**0405CST**			**0**	**0**			**Urban/Sml Stream Fld**
De Pere		**0630CST**							
Oconto County									
Oconto Falls	**08**	**0440CST**			**0**	**0**			**Flood**
		0600CST							
Menominee (C)									
Keshena	**08**	**0459CST**			**0**	**0**			**Flood**
		0600CST							
Manitowoc County									
Manitowoc	**08**	**0541CST**			**0**	**0**			**Flood**
		0630CST							
Shawano County									
Wittenberg	**08**	**0818CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Shawano County									
Tigerton	**08**	**0830CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Waupaca County									
Marion	**08**	**0845CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Brown County									
Ashwaubenon	**08**	**0945CST**			**0**	**0**			**Lightning**
Minor fire damage to business									
Oneida County									
Minocqua	**08**	**1100CST**			**0**	**0**			**Lightning**
Garage destroyed and vehicle damaged									
Oneida County									
Rhinelander	**08**	**1106CST**			**0**	**0**			**Urban/Sml Stream Fld**
		1300CST							
Oneida County									
Pelican Lake	**08**	**1155CST**			**0**	**0**			**Urban/Sml Stream Fld**
		1300CST							
Langlade County									
Deerbrook to	**08**	**1159CST**			**0**	**0**			**Urban/Sml Stream Fld**
Antigo		**1300CST**							
Oconto County									
Oconto Falls	**08**	**1212CST**			**0**	**0**			**Urban/Sml Stream Fld**
		1300CST							
Forest County									
Mole Lake	**08**	**1620CST**			**0**	**0**			**Hail (0.88)**
Forest County									
South Portion	**08**	**1750CST**			**0**	**0**	**153.6K**		**Flood**
A nearly stationary front across Wisconsin combined with upper air support and abundant moisture to produce a prolonged period of thunderstorms. A few of the storms contained high winds and hail but flooding from heavy rainfall caused the majority of the problems.									

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

WISCONSIN, Northeast

The heaviest rainfall occurred in an area that extended from southern Vilas county southeast into Manitowoc county. Rainfall totals in this area ranged from 2 to 4 inches for the 24 hour period ending at 6:00 AM CST on the morning of the 8th. Flooding of roads and/or basements was reported in the area from Pelican Lake to Rhinelander (Oneida co.), around Antigo and Deerbrook (Langlade co.), Crandon (Forest co.), Keshena (Menominee co.), Oconto Falls (Oconto co.), Green Bay and De Pere (Brown co.) and Manitowoc (Manitowoc co.). Small streams and creeks overflowed their banks and rural areas suffered some crop damage.

Green Bay (Brown co.) received 4.12 inches of rain on July 8th and 4.65 inches of rain in a 24 hour period spanning July 7th and 8th. These totals set a new rainfall records from July 8th and for the month of July respectively. The previous record 24 hour total was 4.39 inches set on July 23, 1912.

At least 25,000 customers lost electrical power as a result of the storms. Strong winds downed trees in Wittenberg (Shawano co.), Tigerton (Shawano co.) and Marion (Waupaca co.).

WIZ010	**Oneida**								
	09	**0600CST**			**0**	**0**			**Flood**
	10	**0600CST**							

The Wisconsin River reached flood stage (6.0 feet) near Lake Tomahawk between the morning of July 9th and the morning of July 10th. The flooding occurred due to heavy rainfall from the previous two days. At flood stage there is widespread flooding of lowland and wooded areas. A boat ramp and part of a parking lot also become submerged at this stage.

WIZ031	**Shawano**								
	10	**0600CST**			**0**	**0**			**Flood**
	11	**0600CST**							

The Wolf River near Shawano experienced minor flooding between the morning of July 10th and the morning of July 11th. The crest of 12.45 feet (flood stage is 11 feet) occurred on the morning of the 10th. At this stage there is minor lowland flooding and water rises above boat docks in the area.

Marinette County									
Marinette	**13**	**1345CST**			**0**	**0**			**Hail (0.75)**
Marinette County									
Crivitz	**13**	**1413CST**			**0**	**0**	**4K**		**Thunderstorm Wind (G50)**
Marinette County									
1 W Loomis	**13**	**1413CST**			**0**	**0**			**Hail (1.00)**
Forest County									
Argonne	**13**	**1430CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Door County									
Strgn Bay Door Co Ar	**13**	**1435CST**			**0**	**0**			**Thunderstorm Wind (G50) M**
Forest County									
2 N Laona	**13**	**1440CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Door County									
Maplewood	**13**	**1446CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Door County									
3 W Sturgeon Bay	**13**	**1450CST**			**0**	**0**			**Hail (1.00)**
Door County									
1.5 NE Forestville	**13**	**1455CST**	**0.1**	**50**	**0**	**0**			**Tornado (F0)**
	Brief touchdown								
Door County									
Brussels	**13**	**1516CST**			**0**	**0**			**Hail (1.00)**
Kewaunee County									
Rosiere	**13**	**1521CST**			**0**	**0**			**Hail (1.00)**
Kewaunee County									
Rio Creek	**13**	**1530CST**			**0**	**0**			**Hail (1.00)**
Kewaunee County									
Alaska	**13**	**1535CST**			**0**	**2**			**Hail (1.00)**
Oconto County									
2 S Lena	**13**	**1940CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Brown County									
11 NE Green Bay	**13**	**2017CST**			**0**	**0**			**Hail (1.25)**
Manitowoc County									
Two Rivers	**13**	**2107CST**			**0**	**0**			**Thunderstorm Wind (G50)**

Sunny skies and lingering low level moisture allowed the atmosphere to destabilize. Weak surface troughs combined with upper support to initiate storms. The storms downed trees and power lines and dropped large hail as they moved through northeast Wisconsin. Two people were injured by quarter size hail at a golf course in Alaska (Kewaunee co.). A tornado briefly touched down northeast of Forestville (Door co.) with one of the storms.

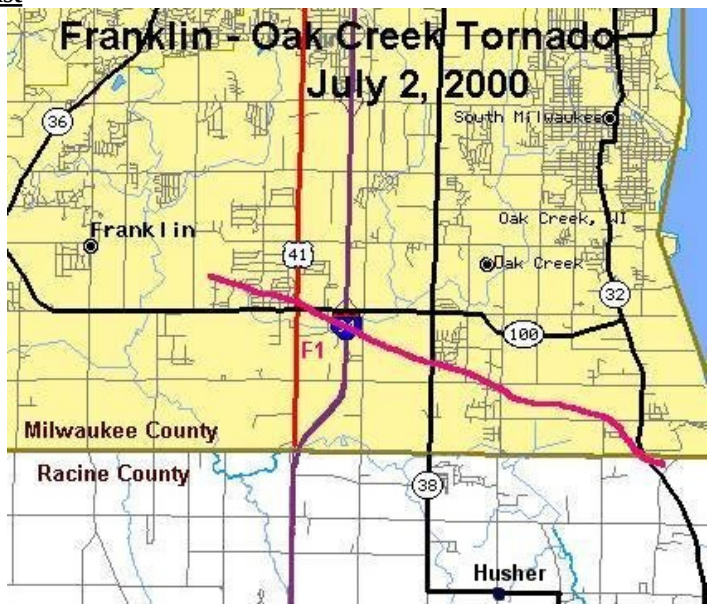
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
WISCONSIN, Northeast									
WIZ039	**Brown**								
	18	**0000CST**			**0**	**0**			**Record Cold**
		2359CST							
The high temperature of 58 degrees in Green Bay (Brown co.) on the 18th tied the record for the lowest maximum temperature for the month that was set on July 11, 1917. It also broke the record for the lowest maximum temperature for July 18th, set in 1924. The low temperature of 46 degrees tied the record low for the date, set in 1956.									
Door County									
2 W Sister Bay	**20**	**1258CST**			**0**	**0**			**Waterspout**
Boaters spotted two waterspouts on the Bay of Green Bay west of Sister Bay (Door co.).									
WIZ039	**Brown**								
	23	**0000CST**			**0**	**0**			**Record Cold**
		2359CST							
The low temperature at Green Bay (Brown co.) of 46 degrees tied the record low for the 23rd, set in 1985.									
Marinette County									
1.5 W Harmony to	**27**	**1907CST**	**0.4**	**50**	**0**	**0**			**Tornado (F0)**
1.1 WSW Harmony		**1910CST**							
Marinette County									
1.7 W Peshtigo	**27**	**1930CST**	**0.1**	**25**	**0**	**0**			**Tornado (F0)**
Isolated tornadoes touched down briefly in Marinette county and downed several trees. The tornadoes formed under a closed upper low. The first tornado report was received even before the storm became visible on radar.									
Oneida County									
10 SW Rhinelander	**29**	**1610CST**			**0**	**0**			**Hail (0.75)**
Oneida County									
10 SW Rhinelander	**29**	**1610CST**			**0**	**0**			**Thunderstorm Wind (G50)**
A severe thunderstorm uprooted a 3 foot diameter tree, snapped off the tops of 20 trees and dropped dime size hail as it passed southwest of Rhinelander (Oneida co.)									
WISCONSIN, Northwest									
Bayfield County									
5 N Bayfield	**01**	**1957CST**			**0**	**0**			**Hail (0.75)**
Price County									
Park Falls	**08**	**1315CST**			**0**	**0**			**Hail (0.88)**
Washburn County									
10 E Sarona	**08**	**1520CST**			**0**	**0**			**Thunderstorm Wind (G52) M**
Several trees and power lines were blown down.									
Douglas County									
1 S Solon Springs	**08**	**1547CST**			**0**	**0**			**Hail (0.75)**
Sawyer County									
5 SE Hayward	**08**	**1625CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees were blown down. Wind speed is estimated.									
Washburn County									
Spring Brook	**08**	**1627CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Trees up to 16 inches in diameter were blown down. Wind speed is estimated.									
Sawyer County									
Stone Lake	**08**	**1635CST**			**0**	**0**			**Hail (0.75)**
Burnett County									
Webster	**08**	**1650CST**			**0**	**0**			**Hail (1.75)**
Iron County									
Mercer	**08**	**1700CST**			**0**	**0**			**Thunderstorm Wind (G50)**
A tree was blown down on an automobile, causing quite a bit of damage. Downed trees were also reported in other parts of the Mercer area and northeastern Iron County. Heavy rain also flooded sections of state highway 77 in the northern part of the county. Wind speed is estimated.									
Burnett County									
Webster	**08**	**1705CST**			**0**	**0**			**Hail (1.75)**
Iron County									
26 S Hurley	**08**	**1715CST**			**0**	**2**			**Lightning**
A couple were struck by lightning while camping on an island in the Turtle-Flambeau Flowage, causing injuries severe enough for hospitalization.									
Burnett County									
5.8 SE Siren to	**08**	**1735CST**	**0.5**	**25**	**0**	**0**			**Tornado (F0)**
6 SE Siren		**1740CST**							
A weak, short-lived tornado knocked down trees and tore the door and frame from a barn. This tornado continued into Polk County.									
Burnett County									
6 SE Siren	**08**	**1739CST**			**0**	**0**			**Hail (1.00)**

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
WISCONSIN, Northwest									
Burnett County									
Yellow Lake	**08**	**1742CST**			**0**	**0**			**Hail (0.75)**
Numerous trees were also blown down.									
Sawyer County									
5 SE Hayward	**08**	**1745CST**			**0**	**0**			**Hail (1.00)**
Strong winds also knocked down trees.									
Burnett County									
8 SE Hertel	**08**	**1900CST**			**0**	**0**			**Flash Flood**
A bridge on county highway EE over the Clam River was washed out.									
Washburn County									
Countywide	**08**	**2200CST**			**0**	**0**			**Flash Flood**
Several roads and highways were washed out by heavy thunderstorm rains. In addition to large hail and damaging winds, the storms on the afternoon and evening of the 8th produced very heavy rain. Over 8 inches was reported in Webster and almost 4 inches in Spooner. Radar estimates gave 8-10 inches over southern Burnett County. Total storm damage in Burnett county was estimated at $680,000 and the county was approved for federal disaster aid.									
Burnett County									
Webster	**08**	**1937CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees were blown down. Wind speed is estimated.									
Burnett County									
6 SE Siren	**25**	**1839CST**			**0**	**0**			**Hail (0.75)**
Washburn County									
3 W Spooner	**25**	**1925CST**			**0**	**0**			**Hail (0.75)**
Washburn County									
Shell Lake	**25**	**2020CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Large trees were blown down. Wind speed is estimated.									
Washburn County									
15 NW Shell Lake	**25**	**2020CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Large trees were blown down. Wind speed is estimated.									
Price County									
Park Falls	**31**	**1845CST**			**0**	**0**			**Hail (0.88)**
WISCONSIN, Southeast									
WIZ066	**Milwaukee**								
	02	**0000CST**			**0**	**0**			**Record Rainfall**
		2359CST							
Dodge County									
5 S Danville	**02**	**1555CST**			**0**	**0**			**Hail (1.00)**
Jefferson County									
Johnson Creek	**02**	**1629CST**			**0**	**0**	**50K**	**100K**	**Hail (1.75)**
		1635CST							
Jefferson County									
Sullivan	**02**	**1645CST**			**0**	**0**			**Urban/Sml Stream Fld**
		1800CST							
Jefferson County									
Rome to	**02**	**1655CST**			**0**	**0**	**75K**	**100K**	**Hail (2.25)**
3.7 SE Sullivan		**1700CST**							
Waukesha County									
Waukesha to	**02**	**1655CST**			**0**	**0**	**100K**		**Thunderstorm Wind (G68) M**
Brookfield		**1705CST**							
Milwaukee County									
Countywide	**02**	**1700CST**			**0**	**0**			**Urban/Sml Stream Fld**
		1800CST							
Racine County									
Racine	**02**	**1700CST**			**0**	**0**			**Urban/Sml Stream Fld**
		1800CST							
Waukesha County									
Mukwonago to	**02**	**1700CST**			**0**	**0**			**Urban/Sml Stream Fld**
Brookfield		**1800CST**							
Waukesha County									
2 S Dousman to	**02**	**1710CST**			**0**	**0**	**150K**		**Thunderstorm Wind (G61) M**
North Prairie		**1712CST**							
Milwaukee County									
5.4 SW Milwaukee Mtch	**02**	**1730CST**	**6.6**	**100**	**0**	**0**	**1.5M**		**Tornado (F1)**
7 SSE Milwaukee Mtchell Ar		**1806CST**							

Storm Data and Unusual Weather Phenomena

July 2000

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
WISCONSIN, Southeast									
Waukesha County									
Brookfield to	**02**	**1740CST**			**0**	**0**	**200K**		**Thunderstorm Wind**
New Berlin		**1745CST**							
Racine County									
Caledonia to	**02**	**1750CST**			**0**	**0**	**200K**		**Thunderstorm Wind**
Racine		**1800CST**							
Racine County									
2.8 NNW Husher to	**02**	**1806CST**	**0.2**	**30**	**0**	**0**	**10K**		**Tornado (F0)**
2.9 NNW Husher									
Racine County									
5 NW Racine to	**02**	**1821CST**			**0**	**0**	**150K**		**Thunderstorm Wind**
Racine		**1845CST**							
Dodge County									
2 N Beaver Dam to	**02**	**1840CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
2 S Horicon		**1850CST**							
Dane County									
Madison	**02**	**1900CST**			**0**	**0**	**10K**		**Thunderstorm Wind**
Dane County									
Madison	**02**	**1900CST**			**0**	**0**			**Urban/Sml Stream Fld**
		2000CST							
Milwaukee County									
South Portion	**02**	**1900CST**			**0**	**0**	**6.8M**	**151K**	**Flash Flood**
		2359CST							
Racine County									
Racine	**02**	**1900CST**			**0**	**0**	**1.3M**	**750K**	**Flash Flood**
		2359CST							
Waukesha County									
Hartland to	**02**	**1900CST**			**0**	**0**	**200K**		**Flash Flood**
Waukesha		**2359CST**							
Waukesha County									
Delafield	**02**	**1925CST**			**0**	**0**			**Hail (0.88)**
Dodge County									
2 S Iron Ridge	**02**	**1926CST**			**0**	**0**	**2K**		**Thunderstorm Wind**
Walworth County									
Richmond	**02**	**1930CST**			**0**	**0**			**Urban/Sml Stream Fld**
		2130CST							
Washington County									
Richfield	**02**	**1935CST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Waukesha County									
Waukesha	**02**	**1945CST**			**0**	**0**	**2K**		**Thunderstorm Wind**



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
WISCONSIN, Southeast									
Milwaukee County									
Franklin	**02**	**1950CST**			**0**	**0**	**15K**		**Lightning**
Milwaukee County									
Franklin	**02**	**1955CST**			**0**	**0**	**10K**		**Lightning**
Washington County									
Germantown	**02**	**1955CST**			**0**	**0**			**Hail (1.00)**

Severe weather in the form of a tornado, damaging straight-line downburst winds, large hail, and flash flooding hammered a small piece of south-central and much of southeast Wisconsin during the late afternoon and evening hours. The most significant cluster of thunderstorms developed over southern Columbia county and proceded to move east/southeast through Dodge, Jefferson, Waukesha, Milwaukee, and Racine counties. A supercell on the west end of this cluster, with a well-defined mesocyclone, produced some damaging straight-line winds and large hail up to 2.25 inches in diameter in Jefferson County, but could only generate a rotating wall cloud at its base in that county. This supercell continued to dump large hail as it moved across Waukesha County, but once it moved over the city of Franklin in southwestern Milwaukee County, it spawned a tornado at 1730CST about 3/4 of a mile northwest of the intersection of Highways 41 and 100 (27th St. & Ryan Rd, or about 5.4 miles southwest of Milwaukee's General Mitchell International Airport). This tornado tore east/southeast through Oak Creek, and then exited Milwaukee County at 706 pm, where Highway 32 goes south into Racine County (or about 7 miles south/southeast of Mitchell Field). The tornado continued for about .2 miles into Racine County, just east of Highway 32, before dissipating about 2.9 miles northeast of Husher.

Luckily, no one was injured or killed by the tornado that traveled through Franklin and Oak Creek into Racine County. It intensified to a F1 rating as it damaged buildings, and turned over several semi-tractor trailers at a truck stop at the intersection of I-94 and Ryan Rd. This tornado damaged at least a dozen homes in Franklin and Oak Creek, as well as one business and one utility building. Hundreds of trees were uprooted and blown over, but luckily many of them fell between buildings! Sixty power poles were snapped by the tornadic winds in Oak Creek. In Franklin, a 40-foot TV antenna was pushed over into a neighboring home, and a 20-foot camper was severely damaged. Eyewitness reports indicate that this tornado was rain-wrapped and was multi-vortex at times. Just south of the Ryan Rd. and 27th St intersection, a spotter indicated that sustained winds were greater than 40 mph for 15 minutes as the tornado passed just to the north of their position. In Racine County, the tornado uprooted trees as it weakened.

The area from Johnson Creek to the Rome and Sullivan in Jefferson county sustained considerable hail and wind damage. Several vehicles on Interstate 94 near Johnson Creek, and in the Rome to Sullivan area, had windows broken by the large hailstones up to 2.25 inches in diameter. In addition, a few large trees were uprooted. Some of the corn crop in this swath had leaves stripped off. NWS employees at the NWS office southeast of Sullivan identified a rotating wall cloud about 3 or 4 miles west of their location.

Waukesha County was raked by four rounds of severe storms. The 1st round possessed hurricane-force winds gusting to 68 knots (78 mph) at the Waukesha Airport near I-94. The city of Brookfield sustained tree and power line damage from this wet macroburst. The Jefferson County supercell constituted round #2 as it raked an area from Dousman to North Prairie (Waukesha Co.) with large hail and powerful downburst winds gusting to a measured 61 knots (70 mph). Hundreds of trees were uprooted and many power lines were downed. In North Prairie, 2 homes and a car sustained tree-inflicted damage. As this supercell moved east/southeast across Waukesha County, its strength pulsed upwards again and the Brookfield to New Berlin area experienced powerful downburst winds (round #3) that leveled more trees and power lines. A roof on an apartment complex in New Berlin was partially ripped off by the winds, but luckily no one was injured. Later in the evening, the 4th round of severe storms hit the Delafield to City of Waukesha area. Hail stones of almost an inch in diameter fell and powerful winds pushed over some trees.

Racine County residents suffered the effect of 2 rounds of severe storms. Many trees and power-line poles were leveled in both rounds. At least 60 power-line poles were pushed over. At least 50 homes and 3 farm buildings in eastern Racine County were damaged by the powerful winds, or by felled trees. Scattered severe storms also produced large hail and/or damaging winds which leveled trees in Madison (Dane County), and southern Washington County (Richfield and Germantown).

Collectively, about 70 thousand customers were without power at one time or another during the afternoon and evening hours on July 2nd due to downed power lines or lightning strikes to transformers. Twenty-five thousand of these were in Franklin and Oak Creek alone.

Minor urban/small stream flooding affected parts of Waukesha and Racine Counties, as well as much of Milwaukee County after the 1st round of storms moved through and dumped rainfall of 1 to 2 inches. Water depths on roads were reported to be 6 to 12 inches.

As with previous episodes of severe weather across southern Wisconsin during May and June, flash flooding occurred later in the evening on July 2nd, as additional rounds of storms, some severe, moved across the area. Torrential downpours, sometimes reaching an inch or more within 15 minutes, produced flash flooding across the southern half of Milwaukee County, the area from Hartland and Waukesha to Brookfield and Elm Grove in Waukesha County, and in/near the city of Racine (Racine Co.). Water depths on roads in these areas reached 1 to 4 feet. The flood waters resulted in gravel shoulder washouts on roads, structural damage to basements, damage to basement contents, and culvert damage. In the city of Franklin (Milwaukee Co.), a home's basement walls collapsed due to the pressure of the flood waters. Most small streams and creeks in Waukesha, southern Milwaukee, and eastern Racine County quickly exceeded flood stage by 1 to 2 feet due to the intense rainfall.

The Root River in Franklin, the Root River Canal at Raymond (Racine Co.), Oak Creek in South Milwaukee, and the Menomonee River in Wauwatosa all crested between 2115CST on July 2nd and 0315CST the next morning. Homes and businesses near these

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

WISCONSIN, Southeast

locations sustained the worst flood damage. Collectively, the Milwaukee County flash flooding damaged 6974 residential homes, 38 businesses, 1 utility building, and 9 agricultural buildings. About 600 acres of farm land in southern Milwaukee County sustained crop damage. In Racine County, 429 residential buildings were damaged by flash flood waters, and about 2800 acres of farm land had crop damage or soil erosion.

Urban/small stream flooding was reported in the city of Madison, in Sullivan, and around Richmond (Walworth Co.) due to the heavy rainfalls. Water depths on roads were in the 6 to 18 inch range. The Madison area picked up 1.5 to 2.5 inches of rainfall (Madison Truax Field had 1.89" for the day), the Sullivan area picked up an estimated 2.5 to 3.0 inches, and 3.7 inches fell in Richmond on the 2nd. No flood damage was reported from these locations.

Two separate lightning strikes in Franklin started fires that damaged a car and a home's garage.

Twenty-four hour rainfall amounts (mostly in the late afternoon and evening hours on July 2nd) ending 0600CST on July 3rd across southeast Wisconsin were impressive:
Waukesha County...7.00" in Elm Grove, 5.06" at Carroll College, 4.27"in Hartland
Milwaukee County...6.50" in Greenfield, 5.05" south side of Milwaukee, 4.75" in West Allis, 4 to 6" in Franklin, 4.22" at Milwaukee Mitchell International Airport
Racine County...5.76" at Raymond, 3.99" in the city of Racine

The 4.42 inches of rain recorded at Milwaukee General Mitchell International Airport on July 2nd, set a new record for the day and a new daily record for any day in July. This was also the 6th wettest day for Milwaukee going back to the start of documentation in 1871. Milwaukee would finish the month of July 2000 with 7.12 inches of rain, the 3rd wettest July on record.

Synoptically, an old frontal boundary sagged south across southern Wisconsin as low pressure moved east along it. A short-wave aloft was also moving east across the region. Moist, unstable air, drawn north into the frontal boundary, fueled the storms.

WIZ056-062-067	**Sauk - Iowa - Lafayette**								
	05	**2300CST**		**0**	**0**			**Fog**
	06	**0800CST**						

Leftover moisture in the lower levels of the atmosphere, light winds, and clear skies, allowed dense fog to develop overnight across parts of south-central Wisconsin. Visibilities dropped to 1/4 mile or less, and lowered to near zero in the river valleys, especially in the Wisconsin River valley. Two dozen vehicle accidents were noted. Airplane traffic in and out of local airports was delayed until the dense fog burned off.

Lafayette County								
Gratiot	**10**	**0200CST**	**0**	**0**	**15K**		**Thunderstorm Wind**
Iowa County								
5 NW Hollandale	**10**	**0208CST**	**0**	**0**	**3K**		**Thunderstorm Wind**
Dane County								
Daleyville	**10**	**0215CST**	**0**	**0**	**2K**		**Thunderstorm Wind**
Green County								
Jordan	**10**	**0220CST**	**0**	**0**	**2K**		**Thunderstorm Wind**
Iowa County								
Barneveld	**10**	**0220CST**	**0**	**0**	**2K**		**Thunderstorm Wind**
Green County								
Monroe to	**10**	**0250CST**	**0**	**0**	**10K**		**Thunderstorm Wind**
Albany		**0300CST**					
Dane County								
2 S Oregon	**10**	**0255CST**	**0**	**0**	**2K**		**Thunderstorm Wind**
Rock County								
Janesville to	**10**	**0305CST**	**0**	**0**	**15K**		**Thunderstorm Wind**
Beloit		**0315CST**					
Rock County								
Janesville	**10**	**0320CST**	**0**	**0**	**10K**		**Lightning**
Rock County								
Janesville	**10**	**0330CST**	**0**	**0**			**Urban/Sml Stream Fld**
		0500CST					
Walworth County								
Delavan	**10**	**0340CST**	**0**	**0**	**3K**		**Thunderstorm Wind**
Walworth County								
Pell Lake to	**10**	**0400CST**	**0**	**0**	**346K**	**300K**	**Flash Flood**
Genoa City							
Dane County								
Madison	**10**	**0410CST**	**0**	**0**	**3K**		**Thunderstorm Wind**

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
WISCONSIN, Southeast									
Sauk County									
Limeridge to Devils Lake	**10**	**0500CST**			**0**	**0**	**175K**	**3M**	**Flash Flood**

A long line of severe thunderstorms moved east at 50 mph across south-central and southeast Wisconsin during the pre-dawn and early morning hours. Besides powerful winds, flash-flood producing rains accompanied the storms. Numerous large trees and power lines were toppled where the severe storms produced straightline downburst winds. In Gratiot (Lafayette Co.), one of the toppled trees landed squarely on a home. Janesville (Rock Co.) experienced a variety of weather hazards. Numerous trees were blown down across the city, with one damaging a home. Lightening struck a power transformer on the west side of the city, cutting off electricity to about 600 customers. In addition, 1.67 inches of rain fell in the pre-dawn hours, resulting in urban flooding. A few manhole covers reportedly popped into the air due to the pressure from the fast-moving runoff. Water depth was reported to be 6 to 12 inches. Elsewhere across south-central and southeast Wisconsin, debris removal and new power poles and lines were the order of the day.

Yet another round of serious flash flooding occurred across the central part of Sauk County from the Lime Ridge area east to the Devil's Lake and Baraboo area. After the intial line of storms moved through the county, several additional thunderstorms developed over the western part of the county and repeatedly trained across the same locations. An unofficial 6 to 8 inches of rain fell during the pre-dawn hours, but 3.5 inches were registered at the Baraboo Wastewater Treatment Plant. Nearly every creek and stream in this swath exceeded flood stage experienced rapid increases in water levels which . Highway 113 leading southeast out of Baraboo had several sections washed out. Highway 159 up to Devil's Lake was closed due to the flooding. Highway 12 from West Baraboo down to near the old Badger Ammo Plant was flooded and closed. Several of the hiking and biking trails, and camping spots around Devil's lake had washouts. Several roads on the south side of Baraboo experienced washouts or undercuts as creeks and streams draining north out of the Baraboo Bluffs became raging currents. Mud covered many of the roads in the southern part of Baraboo, and water/mud marks were left at the 8 foot mark in some businesses! Crop damage and soil erosion was substantial in surrounding farm lands.

Flash flooding hit the southeast part of Walworth County after 2 inches of rain fell in 1 hour on saturated ground. Nippersink Creek quickly exceeded its banks in the Pell Lake and Genoa City area. Ten homes experienced structural or contents damage, and one home was destroyed. Eight people were left homeless and 6 families were evacuated. Several roads had washout sections and many others had gravel shoulder washouts. Surrounding agricultural lands sustained crop washouts or soil erosion.

Racine County									
Waterford to Caledonia	**14**	**0030CST 0200CST**			**0**	**0**			**Urban/Sml Stream Fld**
Waukesha County									
Waukesha to 2 S Waukesha	**14**	**0030CST 0200CST**			**0**	**0**			**Urban/Sml Stream Fld**

Scattered thunderstorms moved through southeast Wisconsin and dumped brief, very heavy rains that led to urban-type flooding in the Waterford area of western Racine county, and over the south side of the city of Waukesha. Water depth on some roads reached 6 to 12 inches. Reports indicated that up to 1 inch of rain fell in 15 minutes ending at 0040CST on July 14th. In addition, gusty winds of 39 to 43 knots (45 to 50 mph), and hail one-fourth inch in diameter, and overflowing rain gutters were noted with the downpours.

WISCONSIN, Southwest									
Clark County									
5 W Thorp	**08**	**2020CST**			**0**	**0**			**Hail (0.75)**
Clark County									
Neillsville	**08**	**2155CST**			**0**	**0**	**0.25K**		**Thunderstorm Wind (G52)**
Trempealeau County									
Eleva	**09**	**0116CST**			**0**	**0**		**10K**	**Hail (0.88)**
Buffalo County									
Fountain City	**09**	**0210CST**			**0**	**0**	**2.5K**		**Thunderstorm Wind (G55)**
Monroe County									
2 SE Norwalk to 3 SE Norwalk	**09**	**0300CST 0303CST**	**0.9**	**30**	**0**	**0**	**50K**	**15K**	**Tornado (F1)**

A tornado touched down at the intersection of County Road T and Levi Road about 2 miles southeast of Norwalk (Monroe County). A large machine shed was demolished on the south side of Levi Road, while the house on the north side was untouched. Some lawn furniture was pulled into the tornado, but a nearby camper was left untouched. At the next residence, a large barn and smaller shed were both demolished. Several windows on the west and south side of the house were broken and an air conditioner was blown into the house. The roof of the house was lifted along the west side approximately 3 inches, which allowed wind to enter the house and blow insulation out of the ceiling. Two adults sleeping upstairs were blown against the east wall, but were not injured. Elsewhere across west central Wisconsin, law enforcement officials reported dime to nickel hail as well as power lines and trees downed.

Crawford County									
Prairie Du Chien	**10**	**0110CST**			**0**	**0**	**5K**	**15K**	**Thunderstorm Wind (G55)**
Grant County									
Bagley	**10**	**0110CST**			**0**	**0**	**2.5K**	**10K**	**Thunderstorm Wind (G53)**

60 to 65 mph wind gusts caused damage to trees, power lines and crops.

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
WISCONSIN, Southwest									
Vernon County									
3 NW Chaseburg to	**26**	**1520CST**	**0.5**	**30**	**0**	**0**	**8K**	**12K**	**Tornado (F0)**
2.5 NW Chaseburg		**1523CST**							
A small tornado touched down briefly, causing minor damage to a home and knocking down corn.									
Vernon County									
Countywide	**26**	**1900CST**			**0**	**0**	**35K**	**15K**	**Flash Flood**
		2120CST							
3 to 4 inches of rain in a couple of hours caused flash flooding, which washed out a few roads and triggered some mudslides. Coon Creek rose rapidly as well, flooding lower sections of Chaseburg.									
Richland County									
North Portion	**26**	**2000CST**			**0**	**0**	**30K**	**15K**	**Flash Flood**
		2230CST							
3 to 5 inches of rain fell in a couple of hours, causing as much as a foot of water over Highway 56 and Highway 80. In addition, law enforcement officials reported a few mudslides.									
WISCONSIN, West									
St. Croix County									
5 E River Falls	**07**	**1030CST**			**0**	**0**			**Thunderstorm Wind (G55)**
Trees down.									
St. Croix County									
4 N Somerset	**07**	**1030CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Roof blown off structure.									
St. Croix County									
2 SSE Hudson to	**07**	**1050CST**			**0**	**0**			**Hail (0.75)**
5 SSE Hudson									
Hail estimated.									
Pierce County									
7 W Ellsworth	**07**	**1105CST**			**0**	**0**		**4.5M**	**Hail (0.88)**
		1106CST							
Red Wing Republican newspaper reported an approximately two mile wide, 20 mile wide swath of destruction to crops began in the northwest portion of Pierce county (about 3 miles west of River Falls) and ended just north of Hager City. The vast majority of the damage was to corn, soybeans, small greens, and alfalfa crops. About 20,000 acres were lost. Twenty-one square miles were a total loss, and about about 40 square miles had some degree of damage.									
Pierce County									
2 WNW Bay City	**07**	**1115CST**			**0**	**0**			**Hail (1.00)**
		1122CST							
Quarter inch hail covered the ground.									
Pepin County									
Pepin	**07**	**1232CST**			**0**	**0**			**Thunderstorm Wind (G52)**
Trees down.									
Polk County									
3 N Clam Falls	**08**	**1740CST**	**0.1**	**20**	**0**	**0**			**Tornado (F0)**
		1741CST							
Touched down in open field, no damage incurred. Tornado originally touched down in Burnett county, from 1735-1740.									
Rusk County									
9 N Bruce	**08**	**1755CST**			**0**	**0**			**Hail (0.75)**
		1757CST							
Rusk County									
9 N Bruce	**08**	**1755CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees down.									
Rusk County									
10 NE Weyerhaeuser	**08**	**1820CST**			**0**	**0**			**Hail (1.75)**
		1823CST							
Rusk County									
Bruce	**08**	**1830CST**			**0**	**0**			**Thunderstorm Wind (G60)**
Large trees down.									
Polk County									
Clam Falls	**08**	**1838CST**			**0**	**0**			**Hail (1.75)**
		1842CST							
Chippewa County									
5 NE New Auburn to	**08**	**1845CST**			**0**	**0**			**Hail (0.75)**
3 NE New Auburn		**1846CST**							
Chippewa County									
5 E New Auburn	**08**	**1855CST**			**0**	**0**			**Thunderstorm Wind (G50)**
Trees down.									

Storm Data and Unusual Weather Phenomena

July 2000

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
WISCONSIN, West									
Chippewa County									
Holcombe	**08**	**1900CST**			**0**	**0**			**Hail (0.75)**
		1901CST							
Chippewa County									
3 NE New Auburn to 3 S New Auburn	**08**	**1907CST**			**0**	**0**			**Thunderstorm Wind (G65)**
	Large Trees down, roof partially blown off shed.								
Chippewa County									
Bloomer	**08**	**1915CST**			**0**	**0**			**Thunderstorm Wind (G50)**
	Trees up to 10 inches in diameter downed.								
Barron County									
Chetek	**08**	**1920CST**			**0**	**0**			**Thunderstorm Wind (G55)**
	Power lines down.								
Chippewa County									
Stanley	**08**	**1950CST**			**0**	**0**			**Hail (0.75)**
Barron County									
Cumberland	**25**	**2003CST**			**0**	**0**			**Hail (0.75)**
		2006CST							
St. Croix County									
4 N River Falls	**26**	**1140CST**			**0**	**0**			**Funnel Cloud**
St. Croix County									
6 E Hudson	**26**	**1235CST**	**0.1**	**5**	**0**	**0**			**Tornado (F0)**
	Brief touchdown in cornfield. No damage reported.								
Eau Claire County									
Fall Creek	**26**	**1350CST**			**0**	**0**			**Funnel Cloud**
WYOMING, Central and West									
Fremont County									
(Lnd)Hunt Fld Lander	**17**	**1653MST**			**0**	**0**			**Thunderstorm Wind (G50) M**
Natrona County									
Casper	**17**	**1800MST**			**0**	**0**			**Hail (0.75)**
		1810MST							
	"Mostly small hail with a few dime sized mixed in."								
Johnson County									
9 S Kaycee	**18**	**1630MST**			**0**	**0**			**Hail (1.00)**
	Reported on TTT road northwest of TTT Ranch.								
Hot Springs County									
25 W Thermopolis	**19**	**1650MST**			**0**	**0**			**Hail (0.75)**
		1655MST							
Natrona County									
Midwest to Edgerton	**20**	**1940MST**			**0**	**1**	**108K**		**Hail (1.75)**
		2000MST							
	Extensive damage to homes and vehicles. At least 90 sparrows killed. Unofficial reports of some softball size hail.								
Hot Springs County									
35 NW Thermopolis	**28**	**1500MST**			**0**	**0**			**Wild/Forest Fire**
	31	**0000MST**							
	By the end of July, The "Enos Complex" fires had burned over 11,000 acres of limber pine, juniper, Douglas fir, sagebrush, and grass on mostly BLM administered public lands. Started by lightning.								
Natrona County									
8 S Casper	**29**	**1530MST**			**0**	**0**			**Wild/Forest Fire**
	31	**0000MST**							
	By the end of July, the fire had consumed over 5,000 acres of government and private land. Some homes evacuated. Started by lightning.								
WYOMING, Extreme Southwest									
	NONE REPORTED.								
WYOMING, North Central									
	NONE REPORTED.								
WYOMING, Northeast									
Campbell County									
9 NW Gillette	**02**	**1650MST**			**0**	**0**			**Hail (0.75)**

Storm Data and Unusual Weather Phenomena

July 2000

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
WYOMING, Northeast									
Crook County									
Alva	**02**	**1835MST**			**0**	**0**			**Hail (0.75)**
		1840MST							
Crook County									
5 SE Alva	**02**	**1845MST**			**0**	**0**			**Thunderstorm Wind (G57)**
Several eight inch trees limbs were broken off trees.									
Campbell County									
18 N Recluse	**04**	**1605MST**			**0**	**0**			**Hail (1.75)**
		1620MST							
Campbell County									
10 W Rockypoint	**04**	**1645MST**			**0**	**0**			**Hail (2.50)**
Crook County									
18 NW New Haven	**04**	**1650MST**			**0**	**0**			**Hail (1.00)**
Crook County									
18 NW New Haven	**04**	**1700MST**			**0**	**0**	**10K**		**Hail (2.75)**
		1714MST							
Several windows were broken. Also several cattle and antelope were killed.									
Crook County									
9 NW Colony	**04**	**1745MST**			**0**	**0**			**Hail (2.50)**
Crook County									
9 NW Colony	**04**	**1745MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Campbell County									
6 S Rozet	**10**	**1545MST**			**0**	**0**			**Hail (1.00)**
Weston County									
10 W Upton	**10**	**1710MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Campbell County									
20 SE Wright	**10**	**1850MST**			**0**	**0**			**Hail (0.75)**
Weston County									
12 S Upton to	**10**	**1850MST**			**0**	**0**			**Hail (0.75)**
Osage		**1855MST**							
Crook County									
6 W New Haven	**10**	**1930MST**			**0**	**0**	**1K**		**Thunderstorm Wind**
Several hay feeders were blown over, and large tree branches were broken off trees.									
Weston County									
10 NE Upton	**10**	**2015MST**			**0**	**0**			**Thunderstorm Wind (G52)**
Crook County									
Countywide	**14**	**1000MST**			**0**	**0**			**Wild/Forest Fire**
Lightning caused 7 wildfires throughout the county. The largest was 400 acres.									
Campbell County									
10 N Gillette	**16**	**0038MST**			**0**	**0**			**Hail (0.75)**
		0045MST							
Crook County									
13 S Sundance	**16**	**0625MST**			**0**	**0**			**Hail (0.75)**
Weston County									
4 NW Four Corners	**20**	**1515MST**			**0**	**0**			**Hail (1.00)**
Weston County									
7 NW Four Corners	**20**	**1610MST**			**0**	**0**			**Hail (1.00)**
Crook County									
12 SE Sundance	**20**	**1638MST**			**0**	**0**			**Hail (0.88)**
Campbell County									
5 NE Rozet	**21**	**1524MST**			**0**	**0**			**Hail (0.75)**
Crook County									
Moorcroft	**21**	**1537MST**			**0**	**0**			**Hail (0.75)**
Campbell County									
Countywide	**27**	**2000MST**			**0**	**0**			**Wild/Forest Fire**
Lightning caused several small fires throughout the county. The largest was contained within 36 hours.									
Crook County									
Countywide	**27**	**2100MST**			**0**	**0**			**Wild/Forest Fire**
Lightning caused five fires throughout the county. Four of the fires were small and easily contained. The fifth fire, northwest of Hulett, reached several hundred acres before crews had it under control.									
Weston County									
Countywide	**27**	**2100MST**			**0**	**0**			**Wild/Forest Fire**

Storm Data and Unusual Weather Phenomena

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
WYOMING, Northeast									
Lightning caused four small fires. Crews contained the fires within several hours of ignition.									
WYOMING, Southeast									
Niobrara County									
1 S Lusk	**10**	**1925MST** **1929MST**			**0**	**0**			**Hail (2.75)**
Laramie County									
8 N Cheyenne	**10**	**2007MST** **2011MST**			**0**	**0**			**Hail (1.00)**
Laramie County									
Pine Bluffs	**12**	**1520MST** **1524MST**			**0**	**0**			**Hail (0.75)**
Laramie County									
6 SE Carpenter	**12**	**1545MST** **1549MST**			**0**	**0**			**Hail (0.75)**
Platte County									
7 E Wheatland	**20**	**1433MST** **1438MST**			**0**	**0**			**Hail (1.75)**
Goshen County									
15 W Hawk Spgs	**20**	**1515MST** **1518MST**			**0**	**0**			**Hail (0.88)**
Goshen County									
13 W Hawk Spgs	**20**	**1522MST** **1527MST**			**0**	**0**			**Hail (1.00)**
Platte County									
Guernsey	**20**	**1703MST** **1707MST**			**0**	**0**	**30K**		**Hail (1.75)**
Laramie County									
Horse Creek	**20**	**1745MST** **1749MST**			**0**	**0**			**Hail (0.75)**
Laramie County									
Carpenter	**21**	**1407MST** **1410MST**			**0**	**0**			**Hail (0.88)**
Laramie County									
5 S Pine Bluffs	**21**	**1427MST** **1430MST**			**0**	**0**			**Hail (0.75)**
Laramie County									
Pine Bluffs	**21**	**1604MST** **1609MST**			**0**	**0**			**Hail (0.75)**
Platte County									
5 NE Wheatland	**26**	**1700MST** **1705MST**			**0**	**0**			**Hail (1.00)**
Platte County									
10 SW Glendo	**26**	**1815MST** **1825MST**			**0**	**0**			**Hail (0.75)**
Hail stripped leaves and covered the ground.									
Laramie County									
3 NE Cheyenne	**27**	**1415MST** **1418MST**			**0**	**0**			**Hail (0.75)**

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.

All wind speeds listed are estimated by NWS personnel by the amount and type of damage unless otherwise noted with an "M" which represents an actual wind speed as measured by official NWS approved anemometer.

When listing hail size under "Character of Storm", ex. Hail (2.25), the hail size is given in inches and hundredths of inches.

When listing property and crop damage, the figures indicated are the best guess made by the NWS from the available sources of information at the time of the printing.

The 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 tress 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 reinforced concrete structures badly damaged.
F6	Inconceivable	319 - 379	These winds are very unlikely. The small area of damage they might produce would probably not be recognizable along with the mess produced by F4 and F5 wind that would surround the F6 winds.

* From the Journal of Atmospheric Science, August 1981, p. 1517-1519

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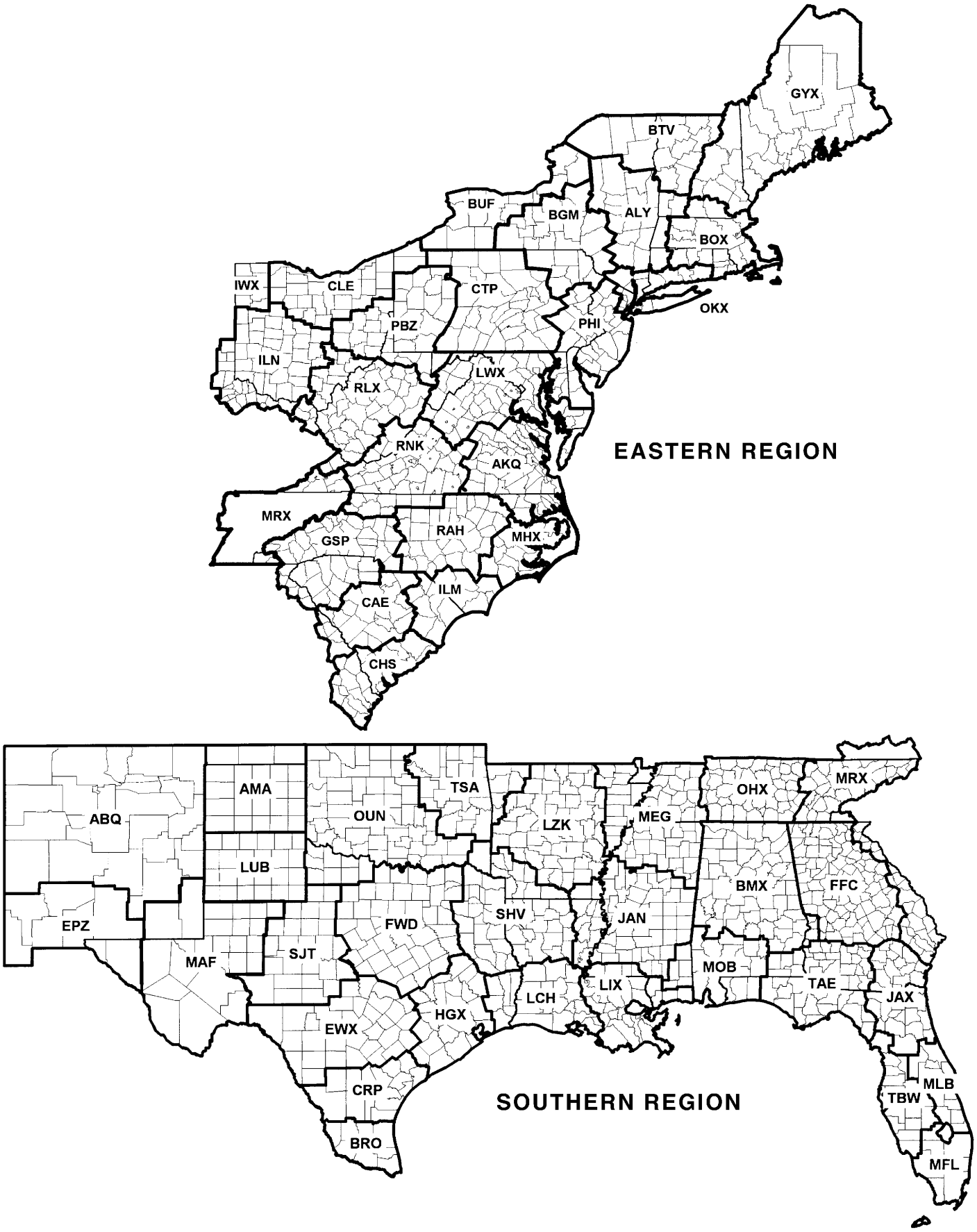

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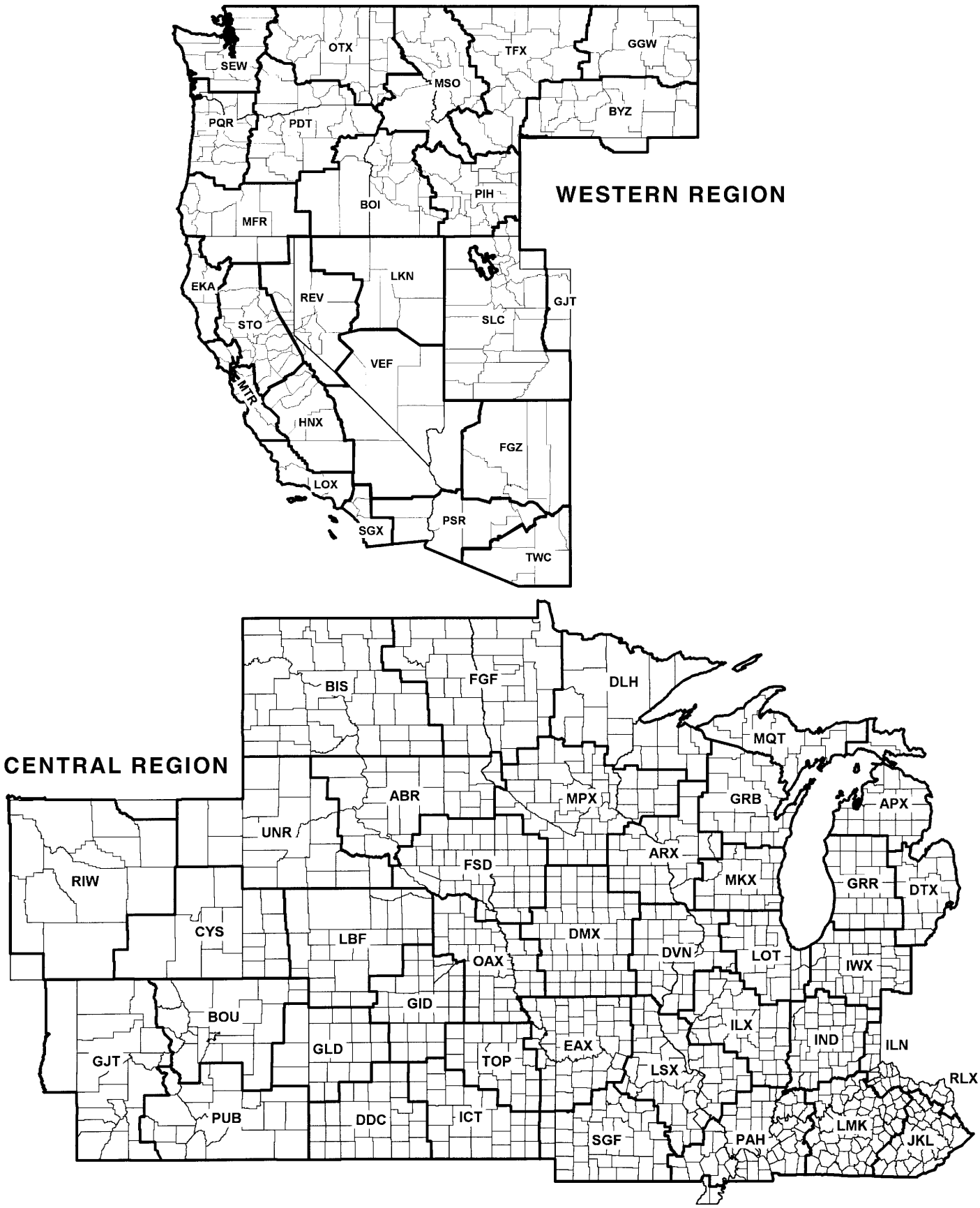

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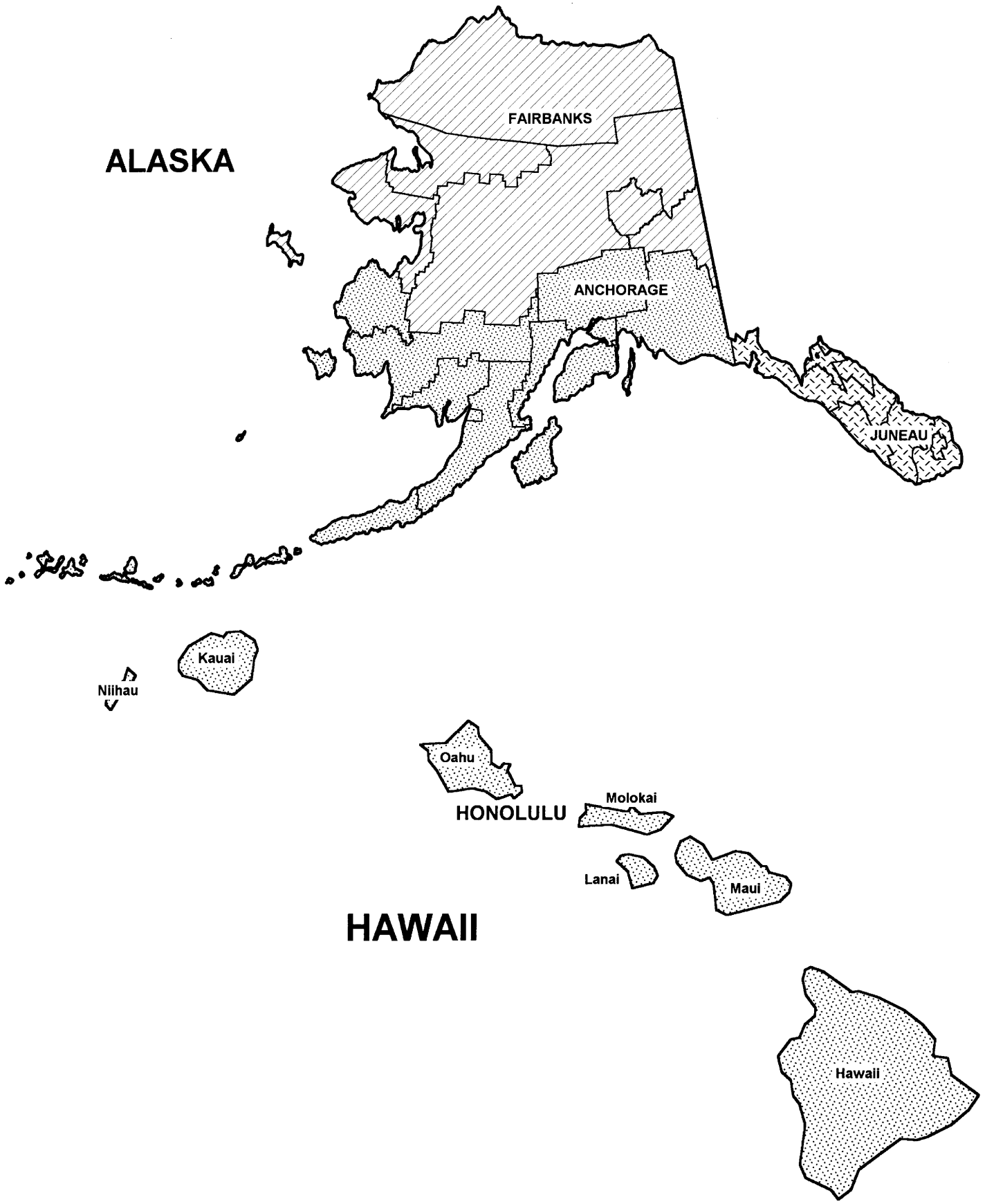

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