

APRIL 1998
VOLUME 40
NUMBER 4

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, N.C.

Cover: The remnants of a brick home in Edgewater, Alabama, located 6 miles east of downtown Birmingham. Brick homes offer substantially more protection from severe weather than a frame home or a mobile home; however, not even brick homes are safe from the destructive power of an F5 tornado. This brick home was totally demolished and the debris can be seen in the background. See Page 8 for details. (Photo courtesy of Brian Peters, Warning Coordination Meteorologist, National Weather Service, Birmingham, Alabama)

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STORM DATA

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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 cooperative efforts between the National Climatic Data Center and the Storm Prediction Center.

STORM DATA contains all confirmed information on storms available to our staff at the time of publication. However, due to difficulties inherent in the collection of this type of data, it is not all-inclusive. Late reports and corrections are printed in each edition.

Maps of the National Weather Service County Warning Areas which are used in the Storm Data and Unusual Weather Phenomena section will be printed in all editions.

Except for limited editing to correct grammatical errors, materials submitted are generally 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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151 Patton Avenue
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The editors of **STORM DATA** solicits your help in acquiring photographs (prints or slides; black and white, or color), maps, clippings, etc. of significant or unusual weather events (past or present). These could be for use in the "Outstanding Storms of the Month" or "Et Cetera" sections of **STORM DATA**. We request our subscribers or other interested persons to mail such items to:

Stuart Hinson
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 submitted will be returned if requested in the original submission.

"I certify that 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."

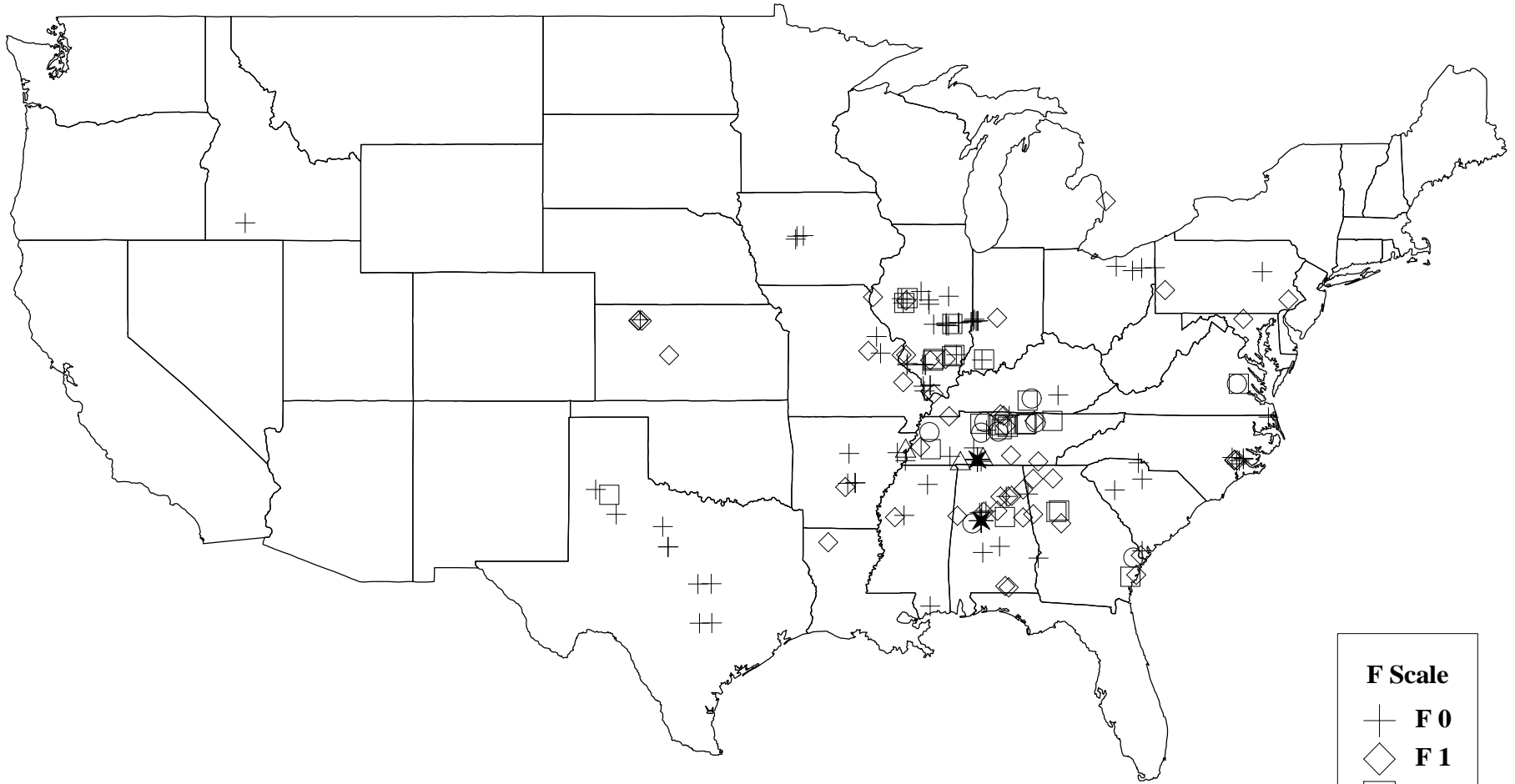


Thomas R. Karl
Director,
National Climatic Data Center

The Cyclone Track Map which usually appears on this page is not available for April 1998.

Should the data become available in the future, a cyclone track map will be produced and printed in a subsequent issue.

April 1998 Confirmed Tornadoes



4

F Scale	F0	F1	F2	F3	F4	F5	Total
Number	86	48	24	9	3	2	172

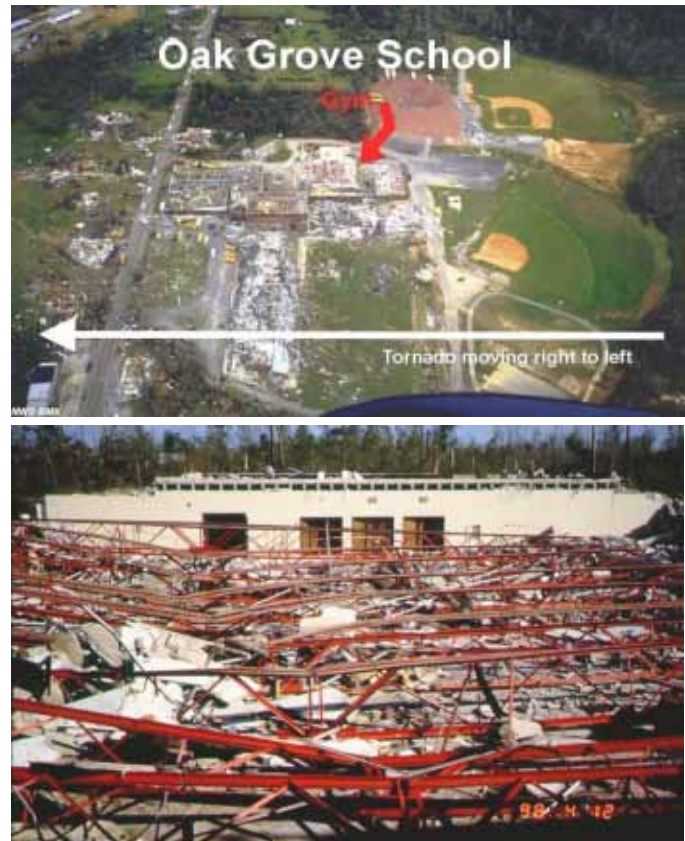
F Scale	
+	F 0
◇	F 1
□	F 2
○	F 3
△	F 4
★	F 5

OUTSTANDING STORMS OF THE MONTH

1. F5 TORNADO STRIKES CENTRAL ALABAMA

On the evening of April 8, 1998 an F5 tornado struck the suburbs of Birmingham, Alabama, causing 34 fatalities. Earlier that day, the Storms Prediction Center (SPC) forecast a high risk for severe weather in the northern half of Mississippi, Alabama and Georgia. Severe thunderstorms developed in the afternoon and the SPC issued a tornado watch for much of the area at 2:00 PM. The National Weather Service (NWS) also issued multiple tornado warnings throughout the day. The first tornado touched down at 6:01 PM CST in Pickens County and proceeded through Tuscaloosa County, injuring one person and causing damage to several homes. The second tornado touched down at 6:42 PM CST in Tuscaloosa County and moved into Jefferson County at 6:52 PM CST causing F5 damage to the densely populated suburbs of Birmingham. The storm caused a total of 34 fatalities, 272 injuries and \$42 million in property damage, with more than 1000 homes being destroyed or severely damaged. Thousands of acres of timber were also destroyed. Two fatalities in St. Clair County occurred in a mobile home. A 3-year-old girl was found inside a clothes dryer more than 250 yards from her home. Her parents apparently placed her in the dryer before attempting to ride out the storm in their home.

Below: Photographs of the Oak Grove School. **Top Right:** An aerial view of the school and the tremendous amount of damage. **Bottom Right:** A view of the collapsed gymnasium. **Left:** An interior view of a hallway showing typical damage to the structure.





(Photograph courtesy of Brian Peters, Warning Coordination Meteorologist, NWS, Birmingham, AL)



(Photograph courtesy of Brian Peters, Warning Coordination Meteorologist, NWS, Birmingham, AL)

Above Left: Severe tornado damage to a two-story home. The roof of this house has been completely blown off by the tornadic winds.

Above Right: An aerial photograph of a housing subdivision in the suburbs of Birmingham. Almost every house in this picture was severely damaged or destroyed.

2. F5 TORNADO STRIKES SOUTHERN AND CENTRAL TENNESSEE

Another devastating tornado event occurred during the month of April on April 16, 1998. Severe thunderstorm cells spawned tornadoes in Wayne and Lawrence Counties, near the Tennessee /Alabama border and in Davidson County, near Nashville. The Nashville tornado touched down at 2:30 PM CST, intensified to F3 strength (wind speed 158-206 mph), and moved through the city. One death and 60 injuries were reported. Damage in Davidson County is estimated more than \$100 million. Another tornado touched down in Wayne County at 3:50 PM CST and intensified to an F4 (wind speeds 207-260 mph). Three people were killed and 6 people were injured. The tornado moved into Lawrence County at approximately 4:15 PM CST and intensified to an F5 (wind speeds 261-318 mph). No fatalities and 21 injuries were reported in Lawrence County. The total length of the tornado path was 46 miles long and up to 1 mile wide at some points. Total damage has been estimated near \$130 million.



Left: An aerial view of a field in Lawrence County. The powerful suction vortices of the tornado have completely removed the grass from the ground.

(Photograph courtesy of Tim Marshall, Structural Engineer, Haag Engineering, Dallas, Texas)



(Photograph courtesy of Jerry Orchanian, WCM, NWS, Nashville, TN)



(Photograph courtesy of Tim Marshall, Structural Engineer, Haag Engineering, Dallas, TX)

Above: An aerial view of two demolished homes located in Lawrence County.

Left: A tree which has been stripped of its bark after the F5 tornado moved through the area.

Below Left: Office buildings in downtown Nashville were damaged when an F3 tornado passed nearby. Notice the plywood covering the numerous office windows in the left-center.

Below Right: The concrete slab is all that remains of a brick home which stood in Lawrence County. The debris field can be seen scattered throughout the background.



(Photo courtesy of Tim Marshall, Structural Engineer, Haag Engineering, Dallas, TX)



(Photo courtesy of Jerry Orchanian, Warning Coordination Meteorologist, NWS, Nashville, TN)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, North Central									
Madison County									
Owens Xrds	03	1432CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in Owens Crossroads.						
Jackson County									
Woodville	03	1443CST			0	0	5K	0	Hail (1.75)
			Golf ball size hail was reported in Woodville.						
Russell County									
12 SE Seale	03	1455CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in Cottonton.						
Jackson County									
Higdon	03	1527CST			0	0	0	0	Hail (0.88)
			Hail the size of nickels was reported in Higdon.						
Lawrence County									
2 NE Moulton	03	1557CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported northeast of Moulton.						
Madison County									
Harvest	03	1627CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in the Harvest community.						
Morgan County									
Hartselle	03	1637CST			0	0	2K	0	Thunderstorm Wind (G50)
			A few trees were reported down near Hartselle.						
Madison County									
Hazel Green	03	1640CST			0	0	2K	0	Hail (1.00)
			Hail the size of quarters was reported in Hazel Green.						
Marshall County									
Union Grove	03	1718CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in Union Grove.						
Jackson County									
Bridgeport	03	1722CST			0	0	0	0	Hail (0.75)
			Marble to dime size hail was reported in Bridgeport.						
Marshall County									
Albertville	03	1755CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported near Albertville by the EMA.						
Dekalb County									
5 NW Ft Payne	03	1815CST			0	0	2K	0	Thunderstorm Wind (G50)
			Trees were downed along CR 35 between Rainsville and Fort Payne.						
Etowah County									
Gadsden	03	1834CST			0	0	5K	2K	Thunderstorm Wind (G57)
			Trees and power lines were down in Gadsden. The EOC reported a gust to 66 mph.						
Montgomery County									
Pine Level	08	0950CST			0	0	0	0	Hail (0.88)
			Nickel-sized hail was reported in the Pine Level area.						
Lee County									
Opelika	08	1110CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in Opelika.						
Chambers County									
Lafayette	08	1145CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in Lafayette.						
Lee County									
Auburn	08	1430CST			0	0	2K	2K	Hail (1.00)
Lee County									
2 SE Auburn	08	1433CST			0	0	2K	2K	Hail (1.00)
Lee County									
Opelika	08	1437CST			0	0	0	0	Hail (0.88)
			Hail the size of quarters was reported on the University of Auburn campus and southeast of Auburn. Nickel size hail was reported at Opelika.						

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, North Central									
Cherokee County Spring Garden	08	1530CST			0	0	0	0	Hail (0.75)
	Dime size hail was reported in Spring Garden in the southern part of the county.								
Elmore County Deatsville	08	1610CST			0	0	0	0	Hail (0.88)
	Hail the size of nickels was reported by a storm spotter in Deatsville.								
Tallapoosa County 6 S Alexander City	08	1650CST			0	0	4K	2K	Hail (1.00)
Tallapoosa County 8 N Dadeville	08	1700CST			0	0	0	0	Hail (0.75)
	One inch hail was reported near SR 128 and SR 63. Dime size hail was also reported in Eagle Creek.								
Walker County Eldridge	08	1715CST			0	0	0	0	Hail (0.75)
	Three-quarter inch hail was reported in Eldridge. The hail report came from the Carbon Hill PD.								
Tuscaloosa County Samantha	08	1720CST			0	0	0	0	Hail (0.75)
	Dime size hail was reported in Samantha.								
Chambers County 3 N Lafayette	08	1725CST			0	0	10K	6K	Hail (1.75)
Chambers County 8 NNE Lafayette	08	1730CST			0	0	5K	2K	Hail (1.00)
Chambers County 9 NE Lafayette	08	1735CST			0	0	0	0	Hail (0.75)
	Golf ball size hail was reported in Buffalo, in the central part of the county. Hail the size of quarters was reported in Five Points. Dime size hail was reported in Fredonia in the eastern part of the county.								
Colbert County 2 E Muscle Shoals	08	1745CST			0	0	2K	2K	Hail (1.00)
	Quarter size hail was reported just east of Muscle Shoals.								
Elmore County Kent	08	1750CST			0	0	9K	4K	Hail (1.75)
	Golf ball size hail was reported in the western part of the county.								
Lauderdale County Florence	08	1750CST			0	0	2K	0	Hail (1.00)
	Quarter size hail was reported in Florence.								
Colbert County 2 N Muscle Shoals	08	1750CST			0	0	2K	1K	Hail (1.00)
	Quarter size hail was reported just inside Colbert County near the county line.								
Walker County Good Spgs	08	1750CST			0	0	10K	6K	Hail (1.75)
	Golf ball size hail was reported in Goodsprings, in the southern part of the county.								
Chilton County 14 NW Clanton	08	1750CST			0	0	0	0	Hail (0.75)
	Dime size hail was reported in Pleasant Grove.								
Winston County 5.2 SE Arley	08	1750CST			0	0	30K	10K	Thunderstorm Wind (G50)
	There were several trees reported down and porches were blown off a few lake homes in the area along Smith Lake southeast of Arley.								
Pickens County 2 S Gordo to 4.1 SE Gordo	08	1801CST 1805CST	3.6	300	0	0	15K	0	Tornado (F3)
Tuscaloosa County 1.4 NW Holman to 7.6 N Northport	08	1805CST 1829CST	15.9	300	0	1	800K	0	Tornado (F3)

This was the first of three tornadoes produced by one supercell thunderstorm moving across central Alabama. The tornado began at 7:01 pm CDT just south of Gordo in extreme eastern Pickens County and traveled east-northeast moving into Tuscaloosa County around 7:05 pm CDT. The tornado stayed mostly in rural areas crossing the swampy area of the Sipsey River and a number of small roads before crossing SR 21. It remained in rural areas crossing SR 171 and US 43. The tornado dissipated at Lake Tuscaloosa just south of where SR 69 crosses the lake.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, North Central									
Emergency management reported that five single-family dwellings were destroyed along with major damage reported to one house and minor damage to 23 others. Eleven mobile homes were destroyed and three mobile homes were damaged. A couple from North Carolina camping at Lake Lurleen lost everything.									
Lauderdale County 2 S Lexington	08	1804CST			0	0	9K	4K	Hail (1.75)
Golf ball size hail was reported just south of Lexington.									
Cullman County 4 WNW Cullman	08	1805CST			0	0	0	0	Hail (0.75)
Dime size hail was reported in Baldwin.									
Tuscaloosa County 15 NW Northport	08	1810CST			0	0	0	0	Hail (0.75)
Dime size hail was reported in Echola, in the western part of the county.									
Cullman County 4 N Cullman	08	1810CST			0	0	50K	20K	Hail (2.75)
Cullman County Joppa	08	1830CST			0	0	20K	10K	Hail (2.00)
Baseball size hail was reported north of Cullman. Some siding was damaged on homes. Hen egg size hail was reported in Joppa, taking some shingles off roofs.									
Cullman County Cullman	08	1814CST			0	0	3K	3K	Hail (1.00)
Quarter size hail was reported in Cullman.									
Tuscaloosa County 5 NE Northport	08	1818CST			0	0	0	0	Hail (0.75)
Dime size hail was reported at Lake Tuscaloosa.									
Franklin County 19 W Russellville	08	1818CST			0	0	0	0	Hail (0.88)
Nickel size hail was reported.									
Marion County Winfield	08	1822CST			0	0	9K	5K	Hail (1.75)
Golf ball size hail was reported in Winfield.									
Tallapoosa County 6 SSE Alexander City	08	1828CST			0	0	0	0	Hail (0.75)
Tallapoosa County 12 W Dadeville	08	1837CST			0	0	10K	8K	Hail (1.75)
Dime size hail was reported near Wind Creek State Park. Golf ball size hail was reported in Our Town, in the western part of the county.									
Marion County Brilliant	08	1830CST			0	0	10K	5K	Hail (1.75)
Golf ball size hail was reported in Brilliant.									
Tallapoosa County 5 SE Alexander City	08	1833CST			0	0	0	0	Hail (0.75)
Dime size hail was reported at US 280 river bridge.									
Morgan County Hulaco	08	1835CST			0	0	2K	3K	Hail (1.00)
Quarter size hail was reported in the southeast corner of the county.									
Marshall County Arab	08	1837CST			0	0	0	0	Hail (0.75)
Dime size hail was reported in Arab.									
Colbert County 5 S Tuscumbia	08	1840CST			0	0	10K	8K	Hail (1.75)
Golf ball size hail was reported in Colbert Heights.									
Tuscaloosa County 10 NNW Brookwood to 11.8 NNE Brookwood	08	1842CST 1852CST	6.3	1320	0	1	30K	600K	Tornado (F5)
Jefferson County 6.9 SW Oak Grove to Pratt City	08	1852CST 1928CST	24.3	1320	32	258	200M	2.2M	Tornado (F5)

Storm Data and Unusual Weather Phenomena

April 1998

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

ALABAMA, North Central

F76PH, M49PH, M78PH, F89PH, M89PH, F54PH, M37PH, F27PH, M48PH, M4PH, M7PH, F33PH, F72PH, F66PH, M72PH, F72PH, F83PH, M44MH, F16MH, F37MH, F63PH, M61PH, F76PH, M78PH, F77PH, M8PH, M50PH, F46PH, F47PH, F49PH, F81PH, F50PH

A tornado, the second spawned from the same supercell, began in rural sections of eastern Tuscaloosa County 1.5 miles east of the Warrior River. The tornado moved through primarily rural and unpopulated areas of eastern Tuscaloosa County before crossing into extreme southwestern Jefferson County. The tornado remained in primarily unpopulated area until just before reaching Oak Grove community where three deaths occurred in a mobile home. The tornado destroyed the Oak Grove School and a number of other buildings including a fire department as it cross CR 23/54.

The tornado moved into unpopulated area for a short while before crossing CR 54 (Lock 17 Road/Warrior River Road) where numerous houses and other structures were damaged and destroyed including another volunteer fire department building. Eleven deaths were reported in this area.

The tornado crossed Rock Creek just west of Rock Creek Road, a steep, hilly unpopulated area. The tornado path then moved into a fairly densely populated area all the way until it dissipated in Pratt City. Areas affected included Pinedale Estates, McGregor Estates, Rockwood, Sylvan Springs, Wylam Heights, Edgewater, McDonald Chapel, Minor, West Ensley, and Pratt City. Pratt City is also within the city limits of Birmingham. Four deaths occurred in Sylvan Springs, two in Wylam Heights, nine in Edgewater, two in McDonald Chapel, and one in West Ensley.

According to American Red Cross surveys, 608 homes were destroyed, 556 sustained major damage, and another 810 had minor damage. There were 1,164 families with homes that were unlivable.

Forest service officials estimated 4,000 acres of timber was destroyed in Jefferson County and 1,000 acres in Tuscaloosa County.

Cullman County

Baileyton	08	1842CST							
			0	0	9K	4K	Hail (1.75)		

Golf ball size hail was reported in Baileyton.

Winston County

3 S Haleyville	08	1844CST							
		1853CST	0	0	12K	6K	Hail (1.75)		

Golf ball size hail was reported in and south of Haleyville.

Marshall County

Arab	08	1845CST							
			0	0	50K	20K	Hail (2.75)		

Baseball size hail was reported in Arab.

Cullman County

Joppa	08	1849CST							
			0	0	5K	3K	Hail (1.25)		

Half dollar size hail was reported in Joppa.

Marshall County

Arab	08	1852CST							
			0	0	55K	18K	Hail (2.75)		

Marshall County

Guntersville	08	1859CST							
			0	0	10K	5K	Hail (1.75)		

Baseball size hail was reported in downtown Arab and golf ball size hail was reported in downtown Guntersville.

Blount County

Oneonta	08	1858CST							
			0	0	0	0	Hail (0.75)		

Dime size hail was reported in Oneonta.

Lawrence County

9 NW Moulton	08	1900CST							
			0	0	0	0	Hail (0.75)		

Dime size hail was reported in Hatton.

Jefferson County

Concord	08	1903CST							
			0	0	0	0	Hail (0.75)		

Dime size hail was reported in Concord.

Marshall County

4 SE Albertville	08	1911CST							
			0	0	0	0	Hail (0.88)		

Nickel size hail was reported southeast of Albertville.

Randolph County

Roanoke	08	1912CST							
			0	0	4K	4K	Hail (1.25)		

Larger than quarter size hail was reported in Roanoke.

Lawrence County

Moulton	08	1912CST							
			0	0	0	0	Hail (0.88)		

Nickel size hail was reported in Moulton.

Marion County

6 E Hackleburg	08	1913CST							
			0	0	55K	20K	Hail (2.75)		

Baseball size hail was reported west of Bear Creek. Numerous cars were damaged.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, North Central									
Marshall County 2 NE Albertville	08	1914CST			0	0	20K	10K	Hail (1.75)
									Up to golf ball size hail was reported northeast of Albertville by amateur radio storm spotters.
Dekalb County Geraldine	08	1917CST			0	0	50K	25K	Hail (2.75)
									Baseball size hail was reported in Geraldine.
Dekalb County 5 WSW Crossville	08	1918CST			0	0	30K	10K	Thunderstorm Wind (G60)
									Trees, signs, and power lines were down along SR 168 and SR 68, west of Crossville.
Jefferson County Fultondale	08	1921CST			0	0	0	0	Hail (0.75)
Jefferson County Forest Dale	08	1922CST			0	0	2K	2K	Hail (1.00)
									Dime size hail was reported in Fultondale along Interstate 65. Quarter size hail was reported in Forestdale.
Lauderdale County Waterloo	08	1923CST			0	0	0	0	Hail (0.75)
									Dime size hail was reported in Waterloo by amateur radio storm spotters.
Dekalb County 2 NNE Geraldine to 3.8 NNE Geraldine	08	1923CST 1928CST	1.8	100	0	0	95K	20K	Tornado (F1)
									A small tornado destroyed a few barns near Geraldine. Numerous trees were also snapped or uprooted.
Limestone County Athens	08	1925CST			0	0	0	0	Hail (0.75)
									Dime size hail was reported in Athens.
Marion County 15 NE Hamilton	08	1930CST			0	0	30K	10K	Thunderstorm Wind (G50)
									Wind damage was reported along SR 241, in the eastern part of the county.
Dekalb County Ft Payne	08	1948CST			0	0	3K	2K	Hail (1.00)
Dekalb County 2 N Ft Payne	08	1950CST			0	0	2K	2K	Hail (1.00)
									Quarter size hail was reported in Fort Payne. One inch hail was reported just north of Fort Payne.
Jefferson County Pinson	08	1955CST			0	0	0	0	Hail (0.75)
									Dime size hail was reported in Pinson by storm spotters.
St. Clair County 2.3 NNE Moody to 3.2 SE Wattsville	08	1956CST 2015CST	14.4	200	2	12	2M	5K	Tornado (F2)
									The tornado began 2.3 miles north-northeast of Moody and just west of US 411. The tornado crossed US 411 where a large church and associated buildings, some recently constructed were destroyed. The tornado traveled on an east-northeast track moving through relatively rural areas. It affected a portion of CR 174 and then crossed US 231 just south of Wattsville. The tornado damaged a number of buildings in the Coal City area including a mobile home where two people were killed and three children were injured. The tornado ended in an open area just east of Coal City. Emergency Management for St. Clair County reported that 26 homes were destroyed, 30 homes suffered major damage, and 59 sustained minor damage. This included 42 mobile homes. M29MH, F33MH
Tuscaloosa County 11 SSW Vance	08	2005CST			0	0	0	0	Hail (0.88)
									Nickel size hail was reported in Hagler, in the southeast part of the county.
Lawrence County 10 E Moulton	08	2012CST			0	0	3K	2K	Hail (1.00)
									Quarter size hail was reported east of Moulton.
Morgan County 9 SE Decatur	08	2020CST			0	0	2K	2K	Hail (1.00)
Morgan County 9 SE Decatur	08	2020CST			0	0	20K	10K	Thunderstorm Wind (G55)
									Quarter size hail was reported and numerous trees and billboards were downed in Priceville, in the central part of the county.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, North Central									
Morgan County 3 S Decatur	08	2022CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported south of Decatur.						
Morgan County 8 SW Decatur	08	2045CST			0	0	10K	5K	Thunderstorm Wind (G50)
			Trees and power lines were reported down southwest of Decatur.						
Madison County 5 SE Huntsville	08	2100CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported southeast of Huntsville.						
Tuscaloosa County Holt Jct	08	2134CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in Holt Junction.						
Jefferson County Pleasant Grove	08	2148CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in Pleasant Grove by the amateur radio storm spotters.						
Jefferson County 5 NE Bessemer	08	2157CST			0	0	0	0	Hail (0.75)
			Penny size hail was reported in Midfield.						
Jefferson County Hoover	08	2203CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in Hoover by the amateur radio storm spotters.						
Shelby County 6 NNE Pelham	08	2211CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in Indian Springs by amateur radio storm spotters.						
Bibb County Centreville	08	2215CST			0	0	5K	3K	Hail (1.00)
			Hail the size of quarters was reported in Centreville.						
Cleburne County Heflin	08	2215CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in Heflin.						
Tallapoosa County 6 NW Dadeville	09	0005CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported between Dadeville and Alexander City along US 280.						
Etowah County Gadsden	14	1449CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported just south of Gadsden.						
Jefferson County Fairfield	14	1503CST			0	0	3K	3K	Hail (1.25)
Jefferson County Ensley	14	1504CST			0	0	4K	4K	Hail (1.75)
			Half dollar size hail was reported at Fairfield along with golf ball size hail in Ensley in western Jefferson County.						
Etowah County Glencoe	14	1505CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in Glencoe.						
Jefferson County Birmingham	14	1510CST			0	0	4K	2K	Hail (1.75)
			Golf ball size hail was reported along Beacon Parkway on Red Mountain.						
Macon County Tuskegee	14	1515CST			0	0	3K	3K	Hail (1.75)
			Golf ball size hail was reported just west of Tuskegee.						
Jefferson County Homewood	14	1520CST			0	0	5K	3K	Hail (1.00)
			Hail the size of quarters was reported in Homewood.						
Macon County Tuskegee	14	1530CST			0	0	0	0	Hail (0.75)
			Dime size hail was reported in Tuskegee.						

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, North Central									
Jefferson County Vestavia Hills	14	1530CST			0	0	25K	5K	Hail (2.50)
									Tennis ball size hail was reported by an off duty weather service employee.
Shelby County 6 NW Chelsea	14	1534CST			0	0	2K	4K	Hail (1.00)
									Hail the size of quarters was reported along US 280 near Greystone.
Shelby County 6 NW Chelsea	14	1615CST			0	0	5K	5K	Hail (1.75)
									Golf ball size hail was reported by an off duty weather service employee.
Blount County Blountsville	14	1718CST			0	0	2K	3K	Hail (1.00)
									Hail the size of quarters was reported near Blountsville.
Etowah County Southside	14	1750CST			0	0	0	0	Hail (0.75)
									Dime size hail was reported covering the ground in Southside.
Colbert County Tuscumbia	16	1748CST			0	0	0	0	Hail (0.75)
									Dime size hail was reported south of Tuscumbia.
Colbert County Muscle Shoals	16	1753CST			0	0	0	0	Hail (0.75)
									Dime size hail was reported in Muscle Shoals.
Colbert County 10 W Tuscumbia	16	1805CST			0	0	0	0	Hail (0.75)
									Dime size hail was reported near CR 24 and CR 48.
Lamar County 4.9 WSW Hightogy to Hightogy	16	1825CST 1835CST	4.9	75	0	0	30K	45K	Tornado (F1)
									A small tornado began just west of CR 9 and the Star community along Yellow Creek and moved east-northeast ending at SR 17 at Hightogy. Numerous trees were snapped and uprooted. Several outbuildings, mostly barns, were damaged along with three houses in the Hightogy area. Two houses lost shingles while a third lost a porch.
Lamar County Millport	16	1830CST			0	0	5K	3K	Hail (1.75)
									Golf ball size hail was reported in the southern part of the county.
Fayette County 5.5 N Fayette	16	1845CST			0	0	10K	0	Thunderstorm Wind (G50)
									Several trees were down west of Lawrence Mill.
Limestone County 7 W Athens	16	1913CST			0	0	50K	8K	Thunderstorm Wind (G50)
									A carport was blown down on top of a car. Numerous trees and power lines were down west of Athens along US 72.
Madison County Huntsville	16	1925CST			0	0	20K	5K	Thunderstorm Wind (G50)
									Trees were down on the northwest side of the city.
Walker County .9 WNW Townley to 1.3 NE Townley	16	1929CST 1931CST	1.8	50	0	0	10K	10K	Tornado (F0)
									Several trees were snapped and uprooted just north of Townley.
Walker County 2.6 NNW Jasper to 4.6 NE Jasper	16	1936CST 1941CST	4.6	100	0	0	30K	20K	Tornado (F0)
									Several trees were snapped off and uprooted; a few mobile homes were damaged. Power lines were down across the area.
Walker County 4 W Jasper	16	1945CST			0	0	5K	3K	Thunderstorm Wind (G69)
									A wind gust to 79 mph was reported just west of Jasper by a TV weatherman. A number of trees were reported downed.
Walker County 6.5 NW Sipsey to 5.2 N Sipsey	16	1946CST 1950CST	3.9	110	0	0	130K	50K	Tornado (F1)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, North Central									
Cullman County 5.3 SW Wilburn to 4.1 SSW Wilburn	16	1950CST 1953CST	1.6	110	0	0	20K	15K	Tornado (F1)
In the Piney Woods area there was significant damage. Three mobile homes were completely destroyed and at least four had damage. One house sustained major damage and several had minor damage. Numerous trees and power lines were down along the entire path. The tornado crossed the Walker-Cullman line south of the Smith Lake dam uprooting and downing trees.									
Cullman County 5.2 NW Arkadelphia to Arkadelphia	16	1954CST			0	0	0	0	Hail (0.88)
Nickel size hail was reported in Bug Tussle in southwest Cullman County.									
Madison County Nebo	16	1954CST			0	0	0	0	Hail (0.88)
Dime size hail was reported in Nebo.									
Cullman County Bremen	16	1956CST			0	0	0	0	Hail (0.88)
Nickel size hail was reported near Bremen.									
Cullman County 2.7 S Wilburn to 4 SE Wilburn	16	1957CST 2001CST	4	75	0	0	25K	5K	Tornado (F0)
A small tornado touched down in extreme southwestern Cullman County. A few structures were damaged along with numerous trees downed or uprooted.									
Cullman County 2.9 NNE Arkadelphia to 8.3 NE Arkadelphia	16	2004CST 2011CST	5.8	90	0	0	55K	5K	Tornado (F1)
A tornado touched down just north of Arkadelphia and SR 91 and traveled northeastward moving across the northern side of The Colony community. It crossed Interstate 65 at the 294-mile marker before ending. The tornado damaged a number of houses and outbuildings and downed numerous trees.									
Cullman County 1.9 SW Garden City to .4 SE Garden City	16	2015CST 2018CST	1.9	100	0	0	45K	15K	Tornado (F1)
Blount County 2.5 NNE Bangor to 3.7 NE Bangor	16	2018CST 2020CST	1.8	100	0	0	25K	25K	Tornado (F1)
An F1 tornado touched down about 2 miles southwest of Garden City and moved on a northeast course that took it across the Cullman-Blount county line. The tornado ended in Blount County along CR 26. One house suffered major structural damage with several other structures sustaining light damage. Numerous trees were uprooted or snapped off.									
Blount County Blountsville	16	2030CST			0	0	0	0	Hail (0.88)
Hail the size of nickels was reported in Blountsville.									
Blount County 6 NE Oneonta to 8.1 NE Oneonta	16	2035CST 2039CST	2.1	75	0	0	15K	20K	Tornado (F0)
An F0 tornado touched down just east of Taits Gap and the Oneonta airport and moved northeast along CR 28. Damage was limited to snapped off and uprooted trees. Some trees fell on houses and several barns were damaged. Farmers reported several cows were killed or injured.									
Etowah County 1 W Gallant to 2 W Attalla	16	2046CST 2059CST	8.4	150	0	0	70K	40K	Tornado (F1)
An F1 tornado began just west of Gallant in western Etowah county. Hundreds of trees were snapped and uprooted from 1 mile west of Gallant to 2 miles west of Attalla. One trailer was flipped over on its top, and it lost more than half of its metal roof. On e old barn lost its entire roof. Another trailer, about 6 miles east-northeast of Gallant, lost its roof. Several trees fell onto homes along the path.									
Jackson County Bridgeport	16	2055CST			0	0	10K	4K	Thunderstorm Wind (G50)
Large trees were down along US 72 and CR 94.									
Etowah County 2.2 SW Reece City to .6 N Reece City	16	2101CST 2106CST	3.1	100	0	0	30K	30K	Tornado (F1)
An F1 tornado began just northwest of Gadsden along US 11. The tornado traveled along US 11 into Reece City. Hundreds of trees were snapped and uprooted along the path, and a few of the trees fell onto homes.									

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, North Central									
Cherokee County .3 S Centre to 1.3 E Centre	16	2135CST 2137CST	1.3	75	0	0	25K	0	Tornado (F0)
A small tornado touched down on the east side of Centre downing a number of trees and damaging several house roofs.									
Marshall County Horton	16	2140CST			0	0	0	0	Hail (0.75)
Dime size hail was reported in the Horton community.									
Barbour County Louisville	17	2058CST			0	0	4K	2K	Hail (1.75)
Golf ball size hail was reported in the Louisville area, reported by the state trooper post.									
Sumter County Emelle	18	0828CST			0	0	0	0	Hail (0.75)
Dime size hail was reported in Emelle.									
Sumter County Sumterville	18	0830CST			0	0	4K	2K	Hail (1.75)
Golf ball size hail was reported in Sumterville.									
Greene County Boligee	18	0850CST			0	0	2K	2K	Hail (1.00)
Hail the size of quarters was reported near Boligee.									
Tuscaloosa County Northport	18	0938CST			0	0	0	0	Hail (0.75)
Dime size hail was reported in Northport.									
Jefferson County 2.5 SW Bessemer to Birmingham	18	1017CST 1042CST			0	0	95K	15K	Hail (1.75)
A large hail storm moved over Jefferson County, dropping hail ranging from dime size to golf ball size. Leaves were knocked off some trees. In the Birmingham area, hail was reported at McAdory, Lipscomb, Bessemer, Midfield, Pratt City, and throughout the city of Birmingham including the civic center, university hospital, the Birmingham airport, and Roebuck Plaza.									
Calhoun County 5.3 W Oxford to 3.7 NW Oxford	18	1558CST 1607CST	4.2	75	0	0	75K	20K	Tornado (F1)
A small tornado developed over the Wellborn community. The Wellborn High School and Elementary School suffered extensive damage and the House of Prayer church in Wellborn had its roof blown partly off. The high school had damage done to its roof, air conditioning system and the softball field.									
Tuscaloosa County Northport	18	1640CST			0	0	0	0	Hail (0.75)
Dime size hail was reported near the Tuscaloosa airport.									
Chilton County 4 SE Maplesville to 4.4 SE Maplesville	18	1724CST 1725CST	1	20	0	0	0	0	Tornado (F0)
A small tornado touched down briefly near CR 16 and CR 17 according to ham radio spotters. Very little damage was reported with this tornado.									
Dallas County Marion Jct	18	1745CST 1746CST	0.2	20	0	0	0	0	Tornado (F0)
A brief tornado touchdown was reported near Marion Junction by a deputy sheriff. Very little damage was done.									
Dallas County Countywide	18	1800CST			0	0	0	0	Hail (0.75)
Dime size hail was reported in many locations across the county.									
Dekalb County Rainsville	18	1823CST			0	0	2K	2K	Hail (1.00)
Hail the size of quarters was reported in Rainsville.									
Shelby County 6.6 NW Chelsea	18	1840CST			0	0	0	0	Hail (0.75)
Dime size hail was reported in Inverness.									
Lowndes County Hayneville	30	1500CST			0	0	0	0	Hail (0.75)
Penny size hail was reported in Hayneville.									

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ALABAMA, North Central</u>									
Autauga County Prattville	30	1503CST			0	0	0	0	Hail (0.75)
									Dime size hail was reported in downtown Prattville.
Bullock County Union Spgs	30	1700CST			0	0	0	0	Hail (0.75)
									Penny size hail was reported in Union Springs.
<u>ALABAMA, Southeast</u>									
Houston County Cottonwood	08	0910EST			0	0			Hail (1.75)
									Golfball sized hail reported by Houston County Fire Department.
ALZ069 Houston	08	0930EST			0	0	5K		High Wind
									Trees and power lines down in Taylor.
Houston County Ashford	08	0930EST			0	0			Hail (1.75)
									Golfball sized hail reported by Houston County EMA.
Houston County Madrid	08	0930EST			0	0			Funnel Cloud
									Funnel cloud observed by road and bridge crew just north of Madrid.
Houston County Columbia	08	0940EST			0	0			Hail (1.00)
									Quarter sized hail reported by Houston County EMA.
Coffee County Elba	08	1038EST 1040EST			0	0			Funnel Cloud
									Public reports of funnel cloud across northern Coffee County including Elba.
Dale County Ozark	08	1110EST			0	0			Hail (0.75)
									Dime sized hail reported by Dale County EMA.
Coffee County Elba	08	1158EST			0	0			Hail (0.75)
									Dime sized hail reported by Coffee County EMA.
Coffee County Elba	17	2100EST			0	0			Hail (1.75)
									Golfball sized hail reported two miles south of Elba.
Dale County Ozark	17	2146EST			0	0			Hail (0.75)
									Dime sized hail reported three miles north of Ozark.
<u>ALABAMA, Southwest</u>									
Mobile County Chastang	08	0830CST 0831CST			0	0			Hail (0.75)
									Dime size hail was reported just northeast of Chastang.
Baldwin County Latham	08	0835CST 0836CST			0	0			Hail (0.75)
									Dime size hail was reported near the Tensaw river just northwest of Latham.
Baldwin County Little River	08	0900CST 0901CST			0	0			Hail (0.75)
									Dime size hail was reported near Little River.
Covington County Gantt	08	0910CST 0911CST			0	0			Hail (0.75)
Covington County Gantt	08	0910CST 0912CST			0	0	3K		Thunderstorm Wind (G50)
									Dime size hail and several trees were blown down near Gantt Lake.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
ALABAMA, Southwest									
Covington County Heath	08	0920CST 0921CST	0.1	25	0	0	30K		Tornado (F1)
									A tornado briefly touched down along U S Highway 29 near Heath. A roof was torn off of four rooms at a motel along the highway. The tornado, only on the ground for a short period of time, knocked a couple of trees down and caused minor damage to a mobile home across the highway from the motel. No injuries were reported.
Conecuh County Castleberry	08	1012CST 1013CST			0	0			Hail (1.75)
									Golfball size hail was reported just east of Castleberry.
Covington County Red Level	08	1020CST 1021CST			0	0			Hail (1.00)
									Quarter size hail was reported near Red Level.
Covington County Opp	08	1050CST 1051CST			0	0			Hail (0.75)
									Dime size hail was reported near Opp.
Washington County Frankville	08	1145CST 1146CST			0	0			Hail (0.75)
									Dime size hail was reported near Frankville.
Clarke County Gosport	09	1210CST 1211CST			0	0			Hail (0.75)
									Dime size hail was reported near Gosport.
Baldwin County Gulf Shrs	09	1500CST			1	0			Rip Currents
									A 51 year old male on vacation to the gulf coast from Michigan, drowned after his wave board drifted out of his reach in rough surf. There was a strong eastward flowing current where the male drowned. Rescuers tried to reach him but were unable to do so before he drowned. M51IW
Covington County Opp	17	1615CST 1620CST	1	300	0	0	1M		Tornado (F1)
									A tornado touched down just east of the Opp country club, then moved southeast crossing U S Highway 84 just south of downtown before lifting back into the cloud just west of U S Highway 331. The tornado damaged the Opp mill and tore off part of the roof from the South Highlands Elementary school. The tornado damaged more than ninety homes and several businesses. No injuries were reported.
Washington County Deer Park to Fruitdale	17	1645CST 1700CST			0	0	50K	20K	Hail (2.75)
Washington County Deer Park to Fruitdale	17	1645CST 1700CST			0	0	200K		Thunderstorm Wind (G80)
									Thunderstorms moved from Mississippi into Washington county late Friday afternoon. Trees and power lines were blown down across much of the southwest part of the county. Electricity was knocked out until the next day in many locations. Some of the trees fell onto homes and caused damage. The public reported winds of 80 to 90 mph that lasted for about ten minutes. During this time, baseball size hail also fell across the area. Homes that had windows facing west had them broken. West facing sides of many homes also sustained hail damage; many roofs were also damaged. Large hail, jagged in appearance, lasted for about two minutes. No one was injured.
Clarke County Coffeerville	17	1730CST 1731CST			0	0			Hail (0.75)
									Dime size hail was reported near Coffeerville.
Washington County Deer Park to Fruitdale	17	1745CST 1755CST			0	0	10K	5K	Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, Southwest									
Washington County									
Deer Park to Fruitdale	17	1745CST 1755CST			0	0	20K		Thunderstorm Wind (G60)
Another severe thunderstorm moved across the same area that had high winds and hail less than an hour earlier. This storm moved faster and the winds and hail were not as high. Still, trees and power lines were blown down from Deer Park to Vinegar Bend to northwest of Fruitdale. Golfball size hail also fell, causing damage to vehicles and field crops that had been spared from the earlier storms.									
Baldwin County									
Little River	17	1745CST 1746CST			0	0			Hail (1.00)
Quarter size hail was reported near Little River.									
Monroe County									
Frisco City to Monroeville	17	1750CST 1815CST			0	0	40K	20K	Hail (2.75)
Monroe County									
Frisco City to Monroeville	17	1750CST 1815CST			0	0	10K		Thunderstorm Wind (G60)
Severe thunderstorms that had dropped large hail in Washington county in Alabama moved into the south parts of Monroe county and dropped large hail again. Trees and power lines were blown down from Frisco City and Excel to near Monroeville. Most of the damage to the area came from baseball size hail. Large hail fell from Frisco City to Excel to the south parts of Monroeville. Trees were stripped of their leaves and many homes sustained window and roof damage. Many vehicles had pings in them and some had windshields broken out. Field crops were beaten down. This was one of the largest hail events ever in this area.									
Mobile County									
Citronelle	17	1755CST 1756CST			0	0			Hail (0.75)
Dime size hail was reported just north of Citronelle.									
Conecuh County									
Repton	17	1800CST 1801CST			0	0	10K	2K	Hail (2.75)
Baseball size hail fell along U S Highway 84 from the Monroe and Conecuh county line to just east of Repton. Vehicles in this area had damage to windshields and pings in their exterior. Many homes suffered roof damage and windows that were facing west were broken out. The storm that produced this large hail event had earlier produced large hail in parts of Monroe county.									
Clarke County									
Carlton	17	1825CST 1826CST			0	0	3K		Thunderstorm Wind (G50)
Trees and power lines were blown down near Carlton.									
Baldwin County									
Little River	17	1825CST 1826CST			0	0			Hail (1.00)
Quarter size hail was again reported near the community of Little River.									
Conecuh County									
Evergreen	17	1845CST 1846CST			0	0	5K		Thunderstorm Wind (G50)
Several trees and power lines were blown down in Evergreen.									
Monroe County									
Uriah	17	1845CST 1846CST			0	0			Hail (1.75)
Golfball size hail was again reported in the south part of Monroe county, near Uriah.									
Washington County									
Fruitdale	17	1915CST 1917CST			0	0	5K		Thunderstorm Wind (G60)
The third severe thunderstorm of the night again moved across the Fruitdale area. Several trees and power lines were blown down across the area. There was not as much damage with this storm as occurred with the first storm that had the large hail.									
Covington County									
Andalusia	17	1930CST 1931CST			0	0			Hail (1.75)
Golfball size hail was reported in Andalusia.									
Conecuh County									
Brooklyn	17	1945CST 1946CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, Southwest									
Conecuh County Brooklyn	17	1945CST 1946CST			0	0	4K		Thunderstorm Wind (G50)
			Trees and power lines were blown down near Brooklyn. Dime size hail was also reported in the area.						
Escambia County Appleton	22	1510CST 1511CST			0	0			Hail (1.75)
			Golfball size hail was reported just east of Appleton.						
Choctaw County Central Portion to South Portion	28	0800CST 1000CST			0	0	25K		Flash Flood
			Heavy rains caused flooding across the central and south parts of the county. Many secondary dirt roads were closed for several hours until the water had drained. Most of the flooding was to roads that run off of Alabama Highway 17 south of Butler. Doppler radar estimated that five to six inches of rain fell across the area.						
ALZ061		Upper Mobile							
	28	0805CST			0	0			High Wind (G53)
			A wind gust of 63 mph was recorded by the meteorology department at the University of South Alabama. The wind gust occurred after thunderstorms had moved well east of the area. No damage was reported.						
ALASKA, Northern									
AKZ006-010		Southern Seward Peninsula-Eastern Norton Sound - Yukon Delta							
	02	0500AST 2000AST			0	0			Blizzard
			Blizzard conditions likely occurred over portions of the Yukon Delta, especially near the coast, as well as the western portion of the Seward Peninsula. Nome came close to blizzard conditions with visibilities as low as 1/2 mile and wind speeds near 30 mph.						
AKZ002		North Slopes Of Brooks Range							
	07	1630AST			0	0			Heavy Snow
	08	1630AST							
			A 24 hour snowfall amount of 8 inches was reported by the Upper Coleen River Co-op Observer.						
AKZ006-009>010		Southern Seward Peninsula-Eastern Norton Sound - St. Lawrence Island-Bering Strait Coast - Yukon Delta							
	09	0400AST			0	0			Blizzard
	10	1900AST							
AKZ003-006-009>010		Lower Kobuk Valley-Northern Seward Peninsula - Southern Seward Peninsula-Eastern Norton Sound - St. Lawrence Island-Bering Strait Coast - Yukon Delta							
	09	0700AST			0	0	50K		High Wind (G59)
	10	0400AST							
			A strong springtime Low pressure center moved from Kamchatka to Saint Matthew Island, spreading blizzard conditions and strong winds across the west coast of Alaska. At Nome (Zone 6) the wind removed one-quarter of the roof of a hangar, and a ham radio tower was toppled. Highest winds(kt): Zone 6: Nome 41 gust 48; Unalakleet: 28 gust 37; Zone 10: Hooper Bay 49 gust 59; Saint Marys 36 gust 51; Emmonak: 40 gust 49; Zone 3: Point Hope: 29 gust 35; Noatak: 25 gust 35; Shishmaref: 38 gust 44; Kotzebue 37 gust 41; Zone 9: Gambell: 35 gust 45; Savoonga 38 gust 44.						
AKZ007		Tanana Valley							
	09	1500AST 2000AST			0	0			High Wind (G52)
			A strong Storm over the Bering Sea produced strong south winds through the western Alaska Range briefly. Healy reported winds 28 kt gust 52 kt.						
AKZ007		Tanana Valley							
	13	1500AST			0	0	20K		High Wind (G51)
	14	1700AST							
			The weather front from a storm in Bristol Bay moved north over the Alaska Range causing strong winds. Healy reported gusts to 51 kts. Delta Junction reported gusts only to 44 kts, however a nearby Co-op Observer reported winds over 50 mph, causing a roof of a Barn to be blown off.						
AKZ004		Koyukuk-Upper Kobuk Valleys							
	26	1900AST			0	0			Heavy Snow
	27	1900AST							
			A 24 hour snowfall amount of 7 inches was reported by the Co-op Observer at the Alaska Department of Transportation Camp at Wiseman.						
AKZ001-003		Arctic Slope Coastal - Lower Kobuk Valley-Northern Seward Peninsula							
	27	0200AST 2200AST			0	0			Blizzard

Storm Data and Unusual Weather Phenomena

April 1998

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

ALASKA, Northern

A storm moving into Northwest Alaska produced a period of blizzard conditions across zone 1, and intermittent blizzard conditions over parts of zone 3, including Kotzebue, Point Hope, and Shishmaref. Across zone 1, affected sites included Point Lay, Wainwright, Barrow, Kuparuk, Deadhorse, Prudhoe Bay.

AKZ007

Tanana Valley

27 0600AST

28 0600AST

0 0

Heavy Snow

A 24-hour snowfall amount of 7 inches was reported by the Co-op Observer at Kobe Hill, which is southwest of Fairbanks, but before Nenana, off the Parks Highway.

AKZ007

Tanana Valley

27 1200AST

2200AST

0 0

High Wind (G58)

A strong weather front moved over the Tanana Valley producing strong winds near the Alaska Range and also in the hills northwest of Fairbanks. Max Winds: Healy 30 kt gust 58 kt; Delta Junction 41 kt gust 55 kt. Co-op Observer at Dry Creek (45 miles southeast of Delta Junction estimated wind gusts to 60 mph. A Co-op observer who is a University of Alaska meteorologist in Fairbanks living on Chena Ridge reported some of the shingles his home were blown off, and a piece of plywood was lifted up and carried a short distance; he estimated wind gusts to 60 mph.

AKZ004

Koyukuk-Upper Kobuk Valleys

28 0500AST

29 0500AST

0 0

Heavy Snow

A 24-hour snowfall amount of 7 inches was reported by the Co-op Observer at the Alaska Department of Transportation Camp at Chandalar Shelf.

AKZ003-009

Lower Kobuk Valley-Northern Seward Peninsula - St. Lawrence Island-Bering Strait Coast

28 0600AST

2000AST

0 0

Blizzard

A low pressure center moving northeast over Zone 3 produced blizzard conditions behind it over western zone 3 (Shishmaref) and the Bering Strait Coast (Tin City).

AKZ009>010

St. Lawrence Island-Bering Strait Coast - Yukon Delta

30 0000AST

2355AST

0 0

Blizzard

A strong low pressure center in the Bering Sea moved to the Pribilof Islands producing blizzard conditions over parts of zone 10 and zone 9.

ALASKA, Southeast

AKZ027>028

Southern Southeast Alaska Ernest Sound To Dixon Entrance - Dixon Entrance To Cape Decision-Coastal Area

16 2115AST

18 0600AST

0 0

High Wind (G47)

A slow moving low pressure system in the southern Gulf of Alaska brought strong winds to the southern portions of the panhandle for over 36 hours. The peak wind speed recorded both at the Hydaberg Seaplane Base and the Ketchikan airport was 47 kt.

ALASKA, Southern

AKZ011-015>021

Kuskokwim Delta - Cook Inlet - Bristol Bay Coastal - Central Gulf Coast - Kodiak Island-Eastern Alaska Peninsula - Western Alaska Peninsula - Aleutian Islands - Pribilof Islands

01 0000AST

03 1800AST

0 0

15K

High Wind (G68)

An intense 955mb storm moved northeast through the central Aleutians Tuesday afternoon, weakening to a 964mb center over the Pribilofs Thursday afternoon. A moderate front, extending in an arc around the low, moved through Saint Matthew Island, Hooper Bay (along the southwest Alaskan coast) and Port Heiden along the Alaska Peninsula Thursday afternoon. By Friday morning, the low had weakened considerably just northeast of Saint Matthew Island with the front weakening in an arc from the Bering Strait to lower Cook Inlet then southeast and south across the Pacific. Strong southeasterly winds preceded the front across the Aleutians and Alaska Peninsula, as well as southwest Alaska, gusting from 50 to near 60 mph at many exposed areas. By Thursday, winds in advance of the front had diminished a bit with gusts from 40 to near 50 mph. An exception, however, occurred through Turnagain Arm, where glacier induced wind gusts reached 74 mph at the Portage ASOS early Friday. However, very strong westerly winds raged across the Aleutians and southeastern Bering exposures on the "back" side of the storm where gusts reached close to 80 mph. Damage, mostly to roof structures, was reported at Adak and Cold Bay.

AKZ015-017>020

Cook Inlet - Central Gulf Coast - Kodiak Island-Eastern Alaska Peninsula - Western Alaska Peninsula - Aleutian Islands

03 0000AST

05 1500AST

0 0

High Wind (G50)

A moderate low deepened to 974mbs and moved east northeast across the central Aleutians Friday. By 9am Saturday, the low was located just southwest of Sand Point and had weakened a few millibars with a moderate front in an arc around the low through Port

Storm Data and Unusual Weather Phenomena

April 1998

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

ALASKA, Southern

Heiden and southeastward. By 10 pm Sunday, the low had weakened to 983mbs about 180 miles south of Middleton Island with its front in an arc just south of Montague Island to just south of Yakutat and southeastward through the Queen Charlotte Islands of Canada. Brisk southeasterly winds preceded the front across the Alaska Peninsula, Kodiak Island and northcentral Gulf of Alaska, gusting from 40 to near 50 mph across many exposed areas. Local winds entering Turnagain Arm from Portage Glacier gusted to near 60 mph briefly very early Saturday. On the "back" side of the low, however, strong northwesterly winds gusted to 58 mph at Cold Bay...with locally stronger winds reported at the adjacent community of King Cove.

AKZ020

Aleutian Islands

07	1200AST	0	0	High Wind (G46)
08	0900AST			

A moderate 989mb low moved into the central Bering Sea Tuesday. Winds along the south side of the low gusted as high as 53 mph (at Adak).

AKZ011-015>016-018>021

Kuskokwim Delta - Cook Inlet - Bristol Bay Coastal - Kodiak Island-Eastern Alaska Peninsula - Western Alaska Peninsula - Aleutian Islands - Pribilof Islands

08	0000AST	0	0	High Wind (G80)
10	2359AST			

An intense low moved northeastward into the Bering Sea late Wednesday and early Thursday. By Thursday late morning, the low had moved into the central Bering Sea as a 956mb center with a sharp trof extending south and southwest from the center. By Friday morning the storm had begun to weaken just northwest of Saint Matthew Island. The low carried a strong front ahead of it, lying in an arc through Saint Matthew Island and Cape Sarichef (just west of Cold Bay) at 9am Thursday. By 4am Friday, the front had begun to weaken slightly, extending in a long arc through the Chukotsk Peninsula through Unalakleet and King Salmon. Very strong south and southeasterly winds preceded the front...with gusts to 92 mph reported by the anchored tug Sydney Foss near Akutan and 62 mph at the Dutch Harbor airport late Wednesday and Thursday. Shemya and Adak both reported wind gusts to 74 mph as the trof (extending south from the storm) moved by. Prefrontal winds between 10 and 11am Thursday reached 75 mph at Cold Bay along the Alaska Peninsula, 55 mph across the Pribilofs and 77mph along the coasts of the Kuskokwim Delta and extreme western Bristol Bay late Thursday morning. Prefrontal winds also reached at least 58 mph around Kodiak Island Thursday evening and 69 mph through Turnagain Arm Friday morning. Winds along the south quadrant of the low gusted to 62 mph across the Pribilofs...while further out in the Bering, wind gusts reached 71 mph at buoy 46035 at 10 pm Thursday with seas up to 38 feet.

AKZ011-016-019>021

Kuskokwim Delta - Bristol Bay Coastal - Western Alaska Peninsula - Aleutian Islands - Pribilof Islands

12	1200AST	0	0	High Wind (G45)
14	0200AST			

A deepening low near Adak Sunday afternoon moved just north of the Pribilofs late Monday morning, finally weakening around Nunivak Island Tuesday. The low carried a moderate front north and east...extending from the Yukon-Kuskokwim Delta Coast to the southern tip of Kodiak Island late Monday morning. The front continued north and east into the mainland of Alaska thereafter, weakening. Southeasterly wind gusts from 40 to 52 mph were reported at land stations in advance of the front. Brisk westerly winds were recorded around the "back" side of the low...with gusts near 55 mph reported by several ships along the Aleutians.

AKZ017-017

Central Gulf Coast

13	1500AST	0	0	High Wind (G61)
14	1500AST			

Two lows, along a moderate north-south front from the northeast Pacific into the central Alaska mainland, brought strong southeast wind gusts to areas around Turnagain Arm, the Anchorage Hillside and areas adjacent to Prince William Sound. Gusts reached 70 mph in gusts at Portage (in Turnagain Arm), 63 mph along the Upper Anchorage Hillside and 68 mph at the Cordova boat harbor.

AKZ015-017

Cook Inlet - Central Gulf Coast

16	1200AST	0	0	High Wind (G68)
17	2359AST			

A moderate front pushed north through the area Friday morning. Wind gusts of 78 mph were recorded at the Portage Visitor Center as the front moved through. Late Thursday and Friday morning, as the front approached, winds gusted as high as 51 mph at Middleton Island.

AKZ019>020

Western Alaska Peninsula - Aleutian Islands

21	0000AST	0	0	High Wind (G50)
23	1800AST			

Two fronts, moving from west to east across the area, were preceded by brisk southeast winds. In the first case, only the Aleutians were affected. The Alaska Peninsula, however, received two doses of brisk winds which lasted through much of Thursday. Winds across the Aleutians reached 52 mph, while channelled winds gusted to 58 mph along the Alaska Peninsula around Cold Bay.

AKZ011>017-019>020

Kuskokwim Delta - Kuskokwim Valley - Susitna Valley - Copper River Basin - Cook Inlet - Bristol Bay Coastal - Central Gulf Coast - Western Alaska Peninsula - Aleutian Islands

25	1200AST	0	0	High Wind (G59)
28	2200AST			

Brisk southerly winds preceded a vigorous front, associated with a major Bering Sea low. The southerly winds gusted from 40 to locally near 60 mph across the southwest coast of Alaska, the Alaska Peninsula and Aleutians. South to southeast winds gusting

Storm Data and Unusual Weather Phenomena

April 1998

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

ALASKA, Southern

from 40 to locally near 70 mph were also reported through Alaska Range passes into the Kuskokwim Valley, through channelled areas adjacent to Turnagain Arm (including the Anchorage hillside and areas adjacent to the Knik River around Palmer), around Prince William Sound and in a few areas of the Copper River Basin. Brisk southwesterly winds gusting up to 55 mph developed along the 'back' side of the low...moving into the Kuskokwim Delta Sunday night and continuing into Monday evening as the storm moved northward through the Bering Strait and began to weaken.

AKZ011-016-019>021 Kuskokwim Delta - Bristol Bay Coastal - Western Alaska Peninsula - Aleutian Islands - Pribilof Islands
28 1200AST 0 0 High Wind (G55)
30 1200AST

A moderate weather front moved northeastward across the Aleutians and into the southwest Alaska mainland Thursday before weakening. Brisk southeasterly winds preceded the front...gusting close to 65 mph along the Alaska Peninsula. Additionally, brisk southwesterly winds, gusting from 40 to near 55 mph, were recorded along the south quadrant of the low affected the eastern Aleutians.

AMERICAN SAMOA

NOT RECEIVED.

ARIZONA, Central and Northeast

AZZ008 Yavapai County Mountains
06 1900MST 0 0 0 0 High Wind (G62)
 A single wind gust to 62 kts (71 mph), associated with synoptic scale southwest winds, was recorded by a spotter in Lake Montezuma.

AZZ008 Yavapai County Mountains
11 1445MST 0 0 0 0 High Wind (G53)
 Spotter recorded a single gradient wind gust to 53 kts (61 mph) in Lake Montezuma.

Gila County
20 NE Payson 12 1000MST 0 0 0 0 Urban/Sml Stream Fld
1200MST
 Rain and fast snowmelt caused small stream flooding on Bear Creek near Kohl's Range. Several low water crossing were flooded with no injuries or damage reported.

ARIZONA, Northwest

AZZ031 Western Pima County
23 1100PST 2 0 High Wind (G35)
2000PST
 Strong winds on Lake Mead, near Kingman Wash, apparently capsized a small sail boat carrying two men. The exact time of the incident was not known, but was believed to have occurred during the afternoon or early evening. The Coroner's report revealed that the boaters, who were not discovered until the following morning, died from hypothermia and drowning.
 M51BO, M37BO

ARIZONA, South

AZZ033 Tucson Metro/Marana/Green Valley
01 1630MST 0 0 Heavy Snow
2300MST
 Mt. Lemmon reported 9 inches of new snow.

Pima County
Tucson 01 2200MST 0 0 Urban/Sml Stream Fld
02 1200MST
 Locally heavy rain on already saturated ground caused some small streams and normally dry washes in the far eastern and northern portion of the Tucson Metro Area to rise up to 1 1/2 feet which caused some road closures.

ARIZONA, Southwest

NONE REPORTED.

ARKANSAS, Central and North Central

Boone County
Gaither 03 1100CST 0 0 Hail (0.75)

Pope County
5 N Hector 03 1105CST 0 0 Hail (0.88)

Newton County
Marble Falls 03 1120CST 0 0 Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ARKANSAS, Central and North Central									
Newton County									
Jasper	03	1125CST			0	0			Hail (0.75)
Van Buren County									
Clinton	03	1150CST			0	0			Hail (0.88)
Searcy County									
St Joe	03	1205CST			0	0			Hail (0.75)
Cleburne County									
Drasco	03	1205CST			0	0			Hail (0.75)
Van Buren County									
Shirley	03	1205CST			0	0			Hail (0.75)
Cleburne County									
Edgemont	03	1210CST			0	0			Hail (0.75)
Cleburne County									
3 SE Edgemont	03	1210CST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds downed some trees and damaged the roofs of several buildings.						
Conway County									
Springfield	03	1230CST			0	0			Hail (0.88)
Jackson County									
Newport	03	1250CST			0	0			Hail (0.75)
Jackson County									
Tuckerman	03	1300CST			0	0			Hail (0.75)
Boone County									
5 N Harrison	03	1250CST			0	0			Hail (0.88)
Boone County									
Harrison	03	1405CST			0	0			Hail (0.75)
Johnson County									
Clarksville	07	0019CST			0	0			Thunderstorm Wind (G61)
			Thunderstorm winds gusted to 70 mph in the Clarksville area.						
Pope County									
4 W Appleton	07	0035CST			0	0			Hail (0.75)
Conway County									
Jerusalem	07	0050CST			0	0			Hail (0.75)
Van Buren County									
Southside	07	0115CST			0	0			Thunderstorm Wind (G52)
			Thunderstorm winds knocked down a few trees.						
Yell County									
5 E Ola	07	0125CST			0	0			Hail (0.75)
Yell County									
5 E Ola	07	0125CST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds downed some large tree limbs.						
Cleburne County									
Quitman	07	0138CST			0	0			Hail (0.75)
Calhoun County									
Locust Bayou	08	0555CST			0	0			Hail (0.75)
Calhoun County									
Tinsman	08	0610CST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds downed some trees along Highway 274 near Tinsman.						
Lincoln County									
10 S Star City	08	0650CST			0	0			Thunderstorm Wind (G50)
			Several trees were blown down along U.S. Highway 425, 10 miles south of Star City.						
Arkansas County									
5 S Gillett	08	0705CST			0	0			Thunderstorm Wind (G50)
			Thunderstorm winds blew down a power pole.						
Lonoke County									
Lonoke	08	1525CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ARKANSAS, Central and North Central									
Prairie County									
Des Arc	08	1600CST			0	0			Hail (0.88)
Woodruff County									
Cotton Plant	08	1610CST			0	0			Hail (0.75)
Monroe County									
Clarendon	08	1655CST			0	0			Hail (1.00)
Monroe County									
10 NE Clarendon	08	1710CST			0	0			Hail (0.88)
Arkansas County									
De Witt	08	1810CST			0	0			Hail (0.75)
Cleburne County									
3 SW Drasco	13	1720CST			0	0			Hail (0.75)
Independence County									
Floral	13	1730CST			0	0			Hail (0.75)
Cleburne County									
Hopewell	13	2105CST			0	0			Hail (0.75)
Faulkner County									
Enola	13	2135CST			0	0			Hail (0.75)
White County									
Antioch	13	2205CST			0	0			Hail (0.88)
Montgomery County									
Oden	15	1540CST			0	0			Hail (0.75)
Johnson County									
Clarksville	15	1806CST			0	0			Hail (0.88)
Van Buren County									
3 N Clinton	15	2040CST			0	0			Hail (1.00)
Van Buren County									
.5 W Clinton to 1.5 NE Clinton	15	2045CST 2046CST	2	100	0	0			Tornado (F0)
An F0 tornado touched down about one half mile west of Clinton on Highway 16. A tree fell on a house with some roof damage noted. More trees were knocked down about 100 yards farther east, with some shingle damage to an outbuilding. About a mile northeast of the initial damage, a tree fell across a power line and blocked Highway 16. About a mile farther northeast, a large tree limb was found in the driveway of a home, with tree tops removed near the home. The damage was consistent with an F0 rating.									
Van Buren County									
Shirley	15	2105CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds downed some trees and power lines.									
Independence County									
Bethesda	15	2315CST			0	0			Hail (0.75)
Lonoke County									
4 W Furlow	16	0100CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds damaged a church in the South Bend community. The steeple of the church was removed and a couple of pillars in front of the church had shifted.									
Lonoke County									
Lonoke	16	0200CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds moved a large boat down the street several hundred feet.									
Newton County									
Western Grove	16	0340CST			0	0			Hail (0.75)
Fulton County									
Salem	16	0450CST			0	0			Hail (0.75)
Polk County									
2 N Mena	16	0510CST			0	0			Hail (0.88)
Scott County									
Waldron	16	0520CST			0	0			Hail (0.75)
Scott County									
Y City	16	0520CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ARKANSAS, Central and North Central									
Sharp County Evening Shade	16	0530CST			0	0			Hail (0.75)
Montgomery County Story	16	0545CST			0	0			Hail (0.88)
Montgomery County 2 E Story	16	0550CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down some trees.									
Yell County Aly	16	0550CST			0	0			Hail (0.75)
Garland County Buckville	16	0600CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds downed some trees and damaged several houses.									
Garland County 3 NW Jessieville	16	0610CST			0	0			Hail (1.00)
Garland County Jessieville	16	0615CST			0	0			Hail (0.75)
Perry County 5 S Hollis	16	0610CST			0	0			Hail (1.00)
Saline County 5 S Paron	16	0630CST			0	0			Hail (1.00)
Pulaski County Little Rock	16	0645CST			0	0			Hail (1.75)
Pulaski County Little Rock	16	0700CST			0	0			Hail (1.00)
Pulaski County North Little Rock	16	0704CST			0	0			Hail (0.75)
Pulaski County Little Rock	16	0705CST			0	0			Hail (1.25)
Pulaski County Little Rock	16	0709CST			0	0			Hail (0.75)
Pulaski County Little Rock Arpt	16	0710CST			0	0			Hail (1.00)
Pulaski County Little Rock	16	0715CST			0	0			Hail (1.00)
Pulaski County 2 N Scott to 3 NNE Scott	16	0715CST 0716CST	1	100	0	0			Tornado (F0)
An F0 tornado touched down about 2 miles north of Scott, where quite a few homes suffered some roof damage. A storage shed was also heavily damaged, and a number of trees were downed. The tornado continued to move northeast toward Lonoke County.									
Lonoke County 4 WNW Bevis Corner to 3.5 NW Bevis Corner	16	0716CST 0717CST	2	100	0	0			Tornado (F0)
The Pulaski County tornado moved into Lonoke County about 4 miles west-northwest of Bevis Corners around 816 am CDT. A trailer was overturned and destroyed near Bearskin Lake. Several trees were also knocked down in the area. More trees were blown down farther northeast along Bearskin Lake. The last noted damage was about 3.5 miles northwest of Bevis Corners where some roof damage occurred to several houses.									
Lonoke County Lonoke	16	0730CST			0	0			Hail (1.75)
Lonoke County Carlisle	16	0735CST			0	0			Hail (0.75)
Prairie County Hazen	16	0800CST			0	0			Hail (1.00)
Monroe County Brinkley	16	0815CST			0	0			Hail (1.00)
White County Bradford	16	0937CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ARKANSAS, Central and North Central									
Jackson County Shoffner	16	0952CST			0	0			Hail (1.75)
Jackson County Tupelo	16	0952CST			0	0			Hail (1.00)
Jackson County Amagon	16	1000CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds caused structural damage to several buildings.
Prairie County 8 N Hazen	22	1145CST			0	0			Hail (0.75)
Clark County Hollywood	26	2345CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed some trees.
White County Antioch	26	2345CST			0	0			Hail (0.75)
Hot Spring County 5 W Friendship	26	2350CST			0	0			Thunderstorm Wind (G50)
									Several trees were knocked down.
Dallas County 3 S Sparkman	27	0020CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds blew down some trees.
Hot Spring County Malvern	27	0020CST			0	0	2.3M		Lightning
									Lightning struck the county library building in Malvern, resulting in a fire. The fire initially started in the roof and then spread to the rest of the structure. Most of the building and the contents were destroyed. Initial estimates placed the damage at \$2.25 million.
Hot Spring County 5 NE Malvern	27	0025CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds knocked down some large tree limbs.
Saline County 4 W Haskell to 2 ENE Avilla	27	0030CST 0050CST	16.5	150	0	0			Tornado (F1)
									The tornado first touched down about 4 miles west of Haskell and travelled northeast. Downed trees and power lines were the first damage noted. The tornado then passed across the intersection of Interstate 30 and U.S. Highway 70. At this location, a weather station recorded a wind gust of 73 mph. In the same area, a number of trees and power lines were blown down. Several homes also sustained roof damage. The tornado then turned a little more north, continuing to down numerous trees. Several homes also sustained roof damage from fallen trees. The damage along the path of the tornado, along with the recorded wind gust, was consistent with an F1 rating. The tornado exited Saline County 2 miles east-northeast of Avilla around 150 am CDT.
Pulaski County 5.5 S Ferndale to 2 SE Ferndale	27	0050CST 0055CST	4.5	75	0	0			Tornado (F0)
									The Saline County tornado moved into Pulaski County 5.5 miles south of Ferndale at approximately 150 am CDT. The tornado travelled northeast for about 4.5 miles before lifting. Damage along the track of the tornado consisted of mainly trees and power lines being blown down. The damage was consistent with an F0 rating.
Grant County Ico	27	0100CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds knocked down some trees.
Pulaski County Sherwood	27	0110CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds blew down some large tree limbs and an antenna off a house.
Lonoke County 2 S England	27	0135CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds knocked down several trees.
Jefferson County 2 N Tucker	27	0135CST			0	0			Thunderstorm Wind (G50)
									A few trees were blown down.
Arkansas County De Witt	27	0220CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds caused damage to a restaurant.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ARKANSAS, East									
Craighead County 2 S Jonesboro	03	0235CST 0240CST			0	0	0.01K		Hail (0.75)
Poinsett County Lepanto	03	1345CST 1350CST			0	0	0.05K		Hail (0.88)
Mississippi County Keiser to 2 S Blytheville	03	1420CST 1430CST			0	0	0.02K		Hail (0.75)
Phillips County 4 NW Mellwood	08	0740CST 0745CST			0	0	0.25K		Hail (1.25)
Cross County Wynne	08	1640CST 1645CST			0	0	0.75K		Hail (1.75)
St. Francis County Colt	08	1645CST 1650CST			0	0	0.75K		Hail (1.75)
Crittenden County Marion	08	1720CST 1725CST	0.5	10	0	0	1K		Tornado (F0)
A tornado briefly touched down in Marion knocking down a few trees.									
Lee County Marianna	08	1725CST 1730CST			0	0	0.01K		Hail (0.75)
Crittenden County West Memphis	08	1730CST 1735CST			0	0	0.05K		Hail (0.88)
Mississippi County Joiner	08	1735CST 1740CST			0	0	0.06K		Hail (0.88)
Dime to nickle size hail fell in Joiner.									
Crittenden County Horseshoe Lake	08	1800CST 1805CST			0	0	1K		Hail (0.75)
Several cars were dented by hail.									
Clay County Palatka	13	1830CST 1835CST			0	0	0.75K		Hail (1.75)
Greene County Light	13	2120CST 2125CST			0	0	0.75K		Hail (1.75)
Cross County Cherry Vly	13	2314CST 2320CST			0	0	5K		Thunderstorm Wind
Ten power poles and a large tree were blown down.									
Crittenden County 3 N Earle	13	2344CST 2350CST			0	0	0.75K		Hail (1.75)
Crittenden County Turrell	14	0010CST 0015CST			0	0	0.01K		Hail (0.75)
Craighead County 2 NE Jonesboro	16	0110CST 0115CST			0	0	75K		Thunderstorm Wind
Three trailers and an outbuilding were destroyed. One trailer was moved off of its foundation. Numerous trees and power lines were blown down.									

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
ARKANSAS, East									
Greene County Paragould	16	0130CST 0135CST			0	0	1K		Thunderstorm Wind
									A few trees and several tree limbs were blown down.
Mississippi County 1 SW Manila to 2 NE Manila	16	0150CST 0210CST	5	400	2	12	350K		Tornado (F4)
									The tornado began just west of Manila and tracked northeast. The tornado demolished or heavily damaged several homes including some mobile homes. Two children were killed in one of these mobile homes. The tornado continued northeast flattening a discount department store and a gas station/food mart. Three small factory and machine shop buildings as well as a furniture store were destroyed. Several other buildings were seriously damaged. The tornado reached the main residential section of Manila destroying several homes. Numerous trees and power lines were also blown down. F5MH, M2MH
Mississippi County Blytheville	16	0225CST 0230CST	0.5	50	0	0	25K		Tornado (F1)
									The tornado touched down in the south central part of Blytheville. The main damage was contained in a two-block section. A 60-ton air conditioner until located on the roof of a supermarket was moved. Many large trees were toppled and several residences sustained roof damage.
St. Francis County Wheatley	16	0828CST 0835CST			0	0	0.10K		Hail (1.00)
Crittenden County West Memphis	16	0915CST 0920CST			0	0	0.01K		Hail (0.75)
Poinsett County Greenfield	16	1020CST 1025CST	0.2	10	0	0	1K		Tornado (F0)
									A tornado briefly touched down in Greenfield knocking down a few trees.
Poinsett County Judd Hill	16	1025CST 1030CST			0	0	0.75K		Hail (1.75)
Poinsett County Trumann	27	1325CST 1330CST			0	0	0.01K		Hail (0.75)
Craighead County Caraway	27	1340CST 1345CST			0	0	0.01K		Hail (0.75)
Mississippi County 8 NW Blytheville	27	1420CST 1425CST			0	0	0.01K		Hail (0.75)
Mississippi County Blytheville	27	1435CST 1440CST			0	0	0.10K		Hail (1.00)
Phillips County Lexa	27	1455CST 1500CST			0	0	0.75K		Hail (1.75)
Mississippi County Huffman	27	1500CST 1505CST			0	0	0.05K		Hail (0.88)
Lawrence County Walnut Ridge	27	1505CST 1510CST			0	0	0.01K		Hail (0.75)
Clay County Rector	27	1600CST 1605CST			0	0	0.10K		Hail (1.00)
Clay County Rector	27	1600CST 1605CST			0	0	50K		Thunderstorm Wind
									One house was destroyed. A barn was spread out over a one-half mile area. Numerous trees were blown down.

Storm Data and Unusual Weather Phenomena

April 1998

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

ARKANSAS, East

Cross County 5 W Wynne	27	1630CST 1635CST			0	0	0.01K		Hail (0.75)
Cross County Hickory Ridge	27	1638CST 1645CST			0	0	0.05K		Hail (0.88)

ARKANSAS, Northwest

Carroll County Osage	03	1100CST			0	0			Hail (0.75)
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As the center of an upper level low and cold pool aloft shifted over northern Arkansas, this was the first report of a larger severe weather outbreak that took shape over northcentral Arkansas and moved east into Tennessee.

Crawford County Uniontown	06	2245CST			0	0			Hail (1.00)
Crawford County Natural Dam	06	2250CST			0	0			Hail (0.88)
Washington County 6 SE Strickler	06	2300CST			0	0	0.10K		Thunderstorm Wind
5-inch diameter tree and several large tree limbs blown down in Devils Den State Park									
Crawford County Alma	06	2305CST			0	0			Thunderstorm Wind (G52)
Sheriffs vehicle blown off road									
Franklin County Charleston	06	2320CST			0	0	0.10K		Thunderstorm Wind
Tree downed by tstm winds									
Crawford County Mulberry	06	2326CST			0	0			Hail (0.88)
Madison County St Paul	06	2330CST			0	0			Thunderstorm Wind (G52)

Summary of events for April 6 1998:

A line of severe thunderstorms, some containing nickel to quarter-sized hail and wind gusts to 60 miles an hour, moved out of eastern Oklahoma and into western Arkansas late on the evening of April 6. The line first entered Arkansas around 1145 PM CDT and had moved east of Madison and Franklin Counties by 100 AM CDT. The strongest storm moved from Crawford into Franklin County and displayed signs of rotation on radar. However, there are no known tornado touchdowns with this storm.

Washington County Springdale	15	1730CST			0	0			Hail (0.75)
Carroll County 1 W Eureka Spgs	15	1750CST			0	0			Hail (0.75)
Washington County 1 S Springdale	15	1840CST			0	0			Hail (0.75)
Franklin County Charleston	15	1850CST			0	0			Hail (0.75)
Franklin County Cecil	15	1900CST			0	0			Hail (0.88)
Sebastian County Bonanza	15	1956CST			0	0			Hail (0.88)
Sebastian County Rye Hill	15	1956CST			0	0			Hail (0.75)
Sebastian County Hackett	15	2000CST			0	0			Hail (0.88)
Sebastian County Excelsior	15	2009CST			0	0			Hail (0.88)
Sebastian County Witcherville	15	2022CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ARKANSAS, Northwest</u>									
Washington County 5 SE Strickler	16	0251CST			0	0			Hail (0.75)
Madison County Huntsville	16	0255CST			0	0			Hail (1.00)
Crawford County Rudy	16	0305CST			0	0			Hail (1.00)
Crawford County Mountainburg	16	0315CST			0	0			Hail (0.75)
Crawford County Van Buren	16	0316CST			0	0			Hail (1.00)
Madison County Pettigrew	16	0320CST			0	0			Hail (0.75)
Crawford County Mt Gayler	16	0400CST			0	0			Hail (0.88)

Summary of events for April 15-16 1998:

Two rounds of severe weather affected northwest and westcentral Arkansas during this event: the first was during the early to mid-evening of April 15; the second was during the early morning hours of April 16.

A broken line of severe thunderstorms, primarily producing dime to nickel-sized hail, developed late on the afternoon of April 15 along a Pacific cold front moving into Arkansas from the northwest. The first thunderstorms developed over eastcentral Oklahoma during the late afternoon. They quickly moved into and across northwest Arkansas from Springdale to Eureka Springs between 600 and 715 PM CDT. The front continued to light up with thunderstorm activity as it moved southward into westcentral Arkansas from 730 to 930 PM CDT. One particularly strong storm moved across Sebastian County between 845 and 930 PM CDT, producing numerous reports of nickel-sized hail through the central part of the county, but this storm weakened below severe limits as it moved into Franklin County.

The second round of severe storms moved across western Arkansas between 345 and 515 AM CDT, producing dime to quarter-sized hail. These storms mainly affected Crawford, Madison, and southern Washington Counties.

ARKANSAS, Southeast

NONE REPORTED.

ARKANSAS, Southwest

Columbia County Magnolia	08	0610CST			0	0			Hail (0.75)
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CALIFORNIA, Extreme Southeast

NONE REPORTED.

CALIFORNIA, North Central

CAZ066>069 Northeast Foothills/Sacramento Valley - Motherlode/Camptonville To Goverland - Mt Shasta/Western Plumas County - West Slope Northern Sierra Nevada

12	1900PST	0	0						Winter Storm
13	1000PST								

Snow accumulated as low as 2000 feet above MSL. Accumulations were as high as 12 inches at higher elevations. The storm cut power lines to the town of Pine Grove in Amador County, and closed State Route 88.

San Joaquin County Stockton Metro Arpt	13	1730PST 1745PST			0	0	0	0	Funnel Cloud
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San Joaquin County Escalon	14	1700PST 1710PST			0	0	0	0	Funnel Cloud
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Reports by spotter for the media indicated two funnel clouds coming from a thunderstorm.

Nevada County 5 W Grass Vly	14	1730PST 1800PST			1	8			Tstm Wind/Hail
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Small hail from a thunderstorm accumulated to a depth of 3 to 4 inches on State Route 20 just west of Grass Valley. The ensuing

Storm Data and Unusual Weather Phenomena

April 1998

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

CALIFORNIA, North Central

slick conditions caused a nine car crash and killed a 6 month old boy. M1VE

Sacramento County

Arcade	24	1330PST 1340PST	0.1	10	0	0	10K		Tornado (F0)
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A weak tornado touched down near a large mall in the Sacramento metro area, severely damaging a tree and damaging two cars.

CALIFORNIA, Northeast

CAZ073

Mono	01	0500PST 1700PST			0	0			Heavy Snow
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12 hour snow fall: Tom's Place CA 22 inches, and Benton CA 12 inches.

CAZ072

Greater Lake Tahoe Area	12	0825PST			0	0			Heavy Snow
	13	0825PST							

24 hour snow fall: Kirkwood Ski Area 20-24 inches. Highway 88 closed.

CAZ071

Lassen/Eastern Plumas/Eastern Sierra	12	2000PST			0	0			Heavy Snow
	13	2000PST							

24 hour snow fall: Yuba Pass CA 12 inches, and Camptonville CA 9 inches.

CAZ071

Lassen/Eastern Plumas/Eastern Sierra	12	2100PST			0	0			Heavy Snow
	13	0900PST							

12 hour snow fall: Quincy CA 6 inches, and Portola CA 12 inches.

CAZ072

Greater Lake Tahoe Area	13	1200PST 2000PST			0	0			Heavy Snow
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8 hour snow fall: Donner Summit CA 8 inches.

CAZ072

Greater Lake Tahoe Area	14	1800PST 2000PST			0	0			Heavy Snow
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2 hour snow fall: Truckee CA 3 inches.

CAZ071

Lassen/Eastern Plumas/Eastern Sierra	23	1441PST 1442PST			0	0			High Wind (G56)
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Peak wind gust 56 knots at Doyle CA. No damage reported.

CALIFORNIA, Northwest

CAZ003

North Coast Interior	03	0800PST 1500PST			0	0			Snow
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Up to 3 inches of snow fell in the mountains of western Humboldt County.

CAZ003>004-076

North Coast Interior - Upper Trinity River - Mendocino Interior	12	1400PST			0	0			Heavy Snow
	13	0000PST							

Widespread snowfalls of 3 to 5 inches with the highest rates from 2 to 4 pm. Snow fell down as low as 1500 feet. The greatest depth reported was 24 inches at the Iron Peak Fire Department, 17 miles NE of Laytonville and at 4000 feet. Ten inches was reported at the 3600 foot level two miles north of Kettenpom.

CAZ002-004-076

Mendocino Coast - Upper Trinity River - Mendocino Interior	30	1300PST 1800PST			0	0			Wind
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Wind gust to 50 mph at Big Flat at 1230 PST. 35 to 40 mph sustained winds with gust to 55 mph in Little River at 1545 PST. 25 to 35 mph sustained winds with gusts to 51 mph five miles southwest of Willits at 1650 PST.

CALIFORNIA, South Central

CAZ021

Southern San Joaquin Valley	01	0000PST 1500PST			0	0	262K	540K	Flood
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During the period of 3/28/98 to 4/1/98 flooding was experienced by the Tulare County communities of Lindsay, Strathmore, and Tonyville. Flooding from locally heavy and persistent winter rains provided excessive runoff for Lewis and Frazier Creeks causing damage to these communities at the interface of the Southern San Joaquin Valley and Southern Sierra Nevada foothills. Lewis Creek jumped out of its banks Wednesday morning, 4/1/98, impacting and damaging about 32 homes around the creek in northeast Lindsay. Unofficial reports totalled 5.7" of rain in the week prior to the flooding.

Storm Data and Unusual Weather Phenomena

April 1998

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

CALIFORNIA, South Central

Merced County Dos Palos

**05 1730PST
1748PST** **0 0** **Funnel Cloud**

Reports by Merced County Sheriff indicated perhaps two different funnels between 1730 and 1748 PST at Dos Palos on the Merced/Fresno County Line.

Merced County Los Banos

05 1745PST **0 0** **Funnel Cloud**

Funnel cloud reported by Merced County Sheriff in addition to lightning activity with a thunderstorm. This storm eventually move d southeastward and prompted issuance of a Severe Thunderstorm Warning for Northwest Fresno County just a few miles to the southeast.

Merced County Atwater to Merced

**13 1600PST
1630PST** **0 0** **713K** **Small Hail**

The time of convective activity was estimated in the late afternoon in Merced County. Small hail (less than 3/4") damaged many acres of strawberries between Atwater and Merced. Futher damage inflicted on stone fruits due to surface blemishes devaluing crop values.

Kern County 16 SE Bakersfield

**26 0600PST
27 2359PST** **0 0** **Urban/Sml Stream Fld**

While rains have stopped and temperatures climbed to near normal for a period in late April, the winter and spring's above normal rainfall/snowfall is resulting in not only rainfall runoff, some snowmelt contributions, but "springing" into the South Valley strea m group of Caliente, Tejoh, sycamore, El Paso, and San Emigdio Creeks at the rate of 120CFS. Damage was sustained on roads and property with water collecting in low-lying areas, such as the ancient Kern Lake bed. As of late April 2,000 acres of farmland was under water in the South San Joaquin Valley in the area southeast of Bakersfield. As of April 27th the snowpack water content in the Southern Sierra Nevada was 190% of normal. From the Kern County Ag Commissioner's Office, data indicates that 75,000 to 100,000 acres of cotton may not be planted in Kern County due to the wet and cool field conditions.

CALIFORNIA, Southeast

NONE REPORTED.

CALIFORNIA, Southwest

CAZ055>056-058 San Bernardino County Mountains - Riverside County Mountains - San Diego County Mountains
01 0000PST **0 0** **Heavy Snow**
02 0400PST

**Orange County
8 SW Laguna Beach** **01 1112PST
1119PST** **0 0** **Waterspout**

**Orange County
4 E Laguna Beach** **01 1115PST
1140PST** **0 0** **Small Hail**

A strengthening low pressure trough aloft over Southern California produced winter storm conditions in the mountains, and scattered convective showers of rain and small hail over the lower elevations. Snow fell as low as 2000 feet locally, while elevations above 5500 feet saw between 8 and 18 of snow, along with strong, gusty winds resulting in occasional white-out conditions. Heaviest snowfall observed was 18 inches in the San Jacinto Mountains at Pine Cove, although ski resorts at higher elevations reported as much as 3 feet of powder. Local hail storms turned the ground white in a few coastal spots. In Laguna Niguel, hail up to one half inch in diameter piled up 2 inches deep during a storm that hit shortly before noon. Just before the storm, a waterspout was sighted southwest of Laguna Beach.

CAZ058 San Diego County Mountains
14 2100PST **0 0** **Heavy Snow**
15 0900PST

**San Diego County
.3 W Mission Beach** **15 0857PST
0901PST** **0 0** **Funnel Cloud**

A low pressure trough moving through a cold upper low pressure area over the western United States produced areas of heavy snow in the Laguna Mountains. Up to 4 inches was reported as low as 4000 feet, with 8 inches or more above 6000 feet. Funnel clouds were sighted off the San Diego County coast by lifeguards and observers at Palomar Airport.

CALIFORNIA, Upper

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

April 1998

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

CALIFORNIA, West South Central

San Luis Obispo County

Morro Bay	01	0850PST 0900PST			0	0			Funnel Cloud
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A spotter in the Morro Bay area reported a funnel cloud.

San Luis Obispo County

Pismo Beach	01	1520PST 1525PST			0	0			Waterspout
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A waterspout was reported by the Pismo Beach Fire Department.

Santa Barbara County

Lompoc	11	1300PST 1600PST			0	0			Urban/Sml Stream Fld
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Heavy rain in the Lompoc area produced localized street flooding.

CALIFORNIA, Western

NONE REPORTED.

COLORADO, Central and Northeast

COZ033>036-039>041 Rabbit Ears & Medicine Bow Ranges/Rocky Mountain National Park - Summit County/Mosquito Range/Indian Peaks - Northern Front Range Foothills/Upper Laramie And Cache La Poudre River Basins - Southern Front Range Foothills/Clear Creek Basin - Eastern Boulder County/Boulder And Vicinity - Denver Metropolitan Area - Eastern Douglas And Western Elbert Counties/Castle Rock And Vicinity

02		0600MST 1930MST			0	0	0	Winter Storm
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Heavy snow fell in the northeast foothills as well as the northern mountains and east of the Continental Divide and Urban Corridor as a spring snowstorm struck the area. Snowfall totals generally ranged from 12 to 22 inches in the mountains and foothills with 4 to 12 inches along the Urban corridor.

Snowfall totals included: 22.5 inches 8 miles west of Conifer, 17 inches at Berthoud Pass, 14 inches at Silver Spruce Ranch, 13 inches at Coal Creek Canyon, 12 inches near Blackhawk, Eldora, Genessee Larkspur, Loveland Ski Area and Winter Park, 11 inches at Allens Park and A-Basin, 10 inches near Evergreen, 9 miles northwest of Livermore and Nederland, 9 inches at Lakewood and Loveland Ski Area, 8 inches in Broomfield, northwest Denver and near Elizabeth. Snowfall amounts ranged from 4 to 7 inches over the rest of the foothills as well as Downtown Denver and its western and southern suburbs.

COZ035>036-041 Northern Front Range Foothills/Upper Laramie And Cache La Poudre River Basins - Southern Front Range Foothills/Clear Creek Basin - Eastern Douglas And Western Elbert Counties/Castle Rock And Vicinity

07		1800MST			0	0	0	Heavy Snow
08		0600MST						

Heavy snow fell in portions of the northeast foothills and Monument Ridge areas overnight. Silver Spruce Ranch, south of Ward, reported 7 inches with Conifer and Elizabeth registering 4 inches.

COZ034>036 Summit County/Mosquito Range/Indian Peaks - Northern Front Range Foothills/Upper Laramie And Cache La Poudre River Basins - Southern Front Range Foothills/Clear Creek Basin

15		0700MST 2300MST			0	0	0	Winter Storm
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Another spring storm brought heavy snow to the Front Range Foothills. Thirty to 40 vehicles were involved in accidents along Interstate 70 near Georgetown. A 17-car pileup was also reported near Copper Mountain. The combination of poor visibilities, slick roads and careless drivers led to the multi-car pileups. Only minor injuries were reported. The accidents forced the closure of all of I-70's eastbound lanes.

Snowfall totals included: 19 inches at Doubleheader, 16 inches at South Turkey Creek, 12 inches at Genessee, with 10 inches reported at Aspen Springs, Chief Hosa, Georgetown, 11 miles southwest of Morrison and North Turkey Creek. Snowfall totals ranged from 5 to 9 inches elsewhere.

Storm Data and Unusual Weather Phenomena

April 1998

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

COZ035>036-039>041	Northern Front Range Foothills/Upper Laramie And Cache La Poudre River Basins - Southern Front Range Foothills/Clear Creek Basin - Eastern Boulder County/Boulder And Vicinity - Denver Metropolitan Area - Eastern Douglas And Western Elbert Counties/Castle Rock And Vicinity								
	18	0200MST			0	0	0		Winter Storm
		0900MST							

More spring snow fell in the Front Range Foothills and portions of the Urban Corridor. Snowfall totals included: 11 inches at Golden Gate Canyon, 10 inches at Highlands Ranch, 9 inches at Elizabeth, 8 inches at Broomfield, Morrison and Silver Spruce Ranch, with 7 inches at Chief Hosa, Elbert, Evergreen, Littleton and Sedalia. Snowfall amounts ranged from 4 to 6 inches elsewhere.

COZ034>035	Summit County/Mosquito Range/Indian Peaks - Northern Front Range Foothills/Upper Laramie And Cache La Poudre River Basins								
	20	0600MST			0	0	0		Winter Storm
	21	0600MST							

The snowpack continued to increase as yet another storm system brought heavy snow to portions of the northern mountains and northeast foothills. Berthoud Pass registered 14 inches while Aspen Springs and Loveland Ski Area received 9 inches.

COZ034>036	Summit County/Mosquito Range/Indian Peaks - Northern Front Range Foothills/Upper Laramie And Cache La Poudre River Basins - Southern Front Range Foothills/Clear Creek Basin								
	26	0000MST			0	0	0		Winter Storm
		0900MST							

The last in a series of April snowstorms blanketed portions of the northern mountains and northeast foothills with up to 2 feet of snow. Snowfall totals included: 24 inches at Cabin Creek, 17 inches 8 miles north of Blackhawk, 15 inches at Idaho Springs and Silver Spruce Ranch, 14 inches at Georgetown, 11 inches at Allenspark, Berthoud Pass, near Conifer and 11 miles southwest of Morrison, 10 inches at Intercanyon and Loveland Ski Area, with 9 inches reported at Winter Park.

COLORADO, East Central

NONE REPORTED.

COLORADO, South Central and Southeast

COZ061>062-065-067>073	Eastern San Juan Mountains - Northern San Luis Valley/Del Norte And Vicinity - Northern Sangre De Cristo Mountains - Teller County/Rampart Range/Pikes Peak - Western Fremont And Northern Custer Counties - Upper Arkansas River Valley/Salida And Vicinity - Wet Mountains - Southern El Paso County/Colorado Springs And Vicinity - Northern El Paso County/Monument Ridge - Pueblo And Eastern Fremont Counties/Pueblo And Vicinity								
	02	0000MST			1	0			Heavy Snow
		2120MST							

A strong upper level system brought a quick blast of snow to south central and southeast Colorado. Snow totals ranged from 4 to 8 inches across the affected area, with a high of 18 inches at the Valley View Hot Springs in the Northern San Luis Valley, and 15 inches at the Wolf Creek Ski Area in the Eastern San Juan mountains. The snowfall brought traffic in many sections of southeast Colorado to a crawl, and was responsible for one traffic-related death in Woodland Park in Teller county. F12VE

Bent County									
10 NE Las Animas	06	1537MST			0	0			Hail (0.88)
		1542MST							

COZ070-073>074	Wet Mountains - Pueblo And Eastern Fremont Counties/Pueblo And Vicinity - Upper Huerfano River Basin/Walsenburg And Vicinity								
	07	2300MST			0	0			Heavy Snow
	08	1000MST							

A band of snow showers developed across the east slopes of the Wet Mountains and Southern Sangre De Cristo Mountains the night of the 7th. The snow showers persisted into the morning of the 8th, producing total snowfall amounts of 6 inches in Wetmore in Custer county, 6 to 12 inches in Beulah in Pueblo county, 9 inches in Walsenburg in Huerfano county, and 10 inches in Rye in Pueblo county.

COZ061-070-074-080	Eastern San Juan Mountains - Wet Mountains - Upper Huerfano River Basin/Walsenburg And Vicinity - Prowers County/Lamar And Vicinity								
	11	2200MST			0	0			High Wind (G55)
	12	1200MST							

Storm Data and Unusual Weather Phenomena

April 1998

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

COLORADO, South Central and Southeast

COZ066>072-074>075 Southern Sangre De Cristo Mountains - Teller County/Rampart Range/Pikes Peak - Western Fremont And Northern Custer Counties - Upper Arkansas River Valley/Salida And Vicinity - Wet Mountains - Southern El Paso County/Colorado Springs And Vicinity - Northern El Paso County/Monument Ridge - Upper Huerfano River Basin/Walsenburg And Vicinity - Upper Purgatoire River Basin/Trinidad And Vicinity
15 0400MST 0 0 Heavy Snow
16 2100MST

An upper level weather system moved from southern Nevada into the Four Corners region, setting up moist easterly flow across south central and southeast Colorado. Across the entire affected area, snowfall totals ranged from 6 to 10 inches. Coaldale in Fremont county received 13 inches of fresh snow.

COZ065>066-070-072 Northern Sangre De Cristo Mountains - Southern Sangre De Cristo Mountains - Wet Mountains - Northern El Paso County/Monument Ridge
17 2300MST 0 0 Heavy Snow
18 1300MST

Snow showers spread across the higher terrain of South Central Colorado the early morning of the 18th. Snowfall totals ranged from 4 inches at Monument in Northern El Paso county, 6 to 10 inches across the Wet Mountains, and 13 inches at Cuchara in the Southern Sangre de Cristo Mountains.

COZ065>067-069>070-072-074>075 Northern Sangre De Cristo Mountains - Southern Sangre De Cristo Mountains - Teller County/Rampart Range/Pikes Peak - Upper Arkansas River Valley/Salida And Vicinity - Wet Mountains - Northern El Paso County/Monument Ridge - Upper Huerfano River Basin/Walsenburg And Vicinity - Upper Purgatoire River Basin/Trinidad And Vicinity
25 2200MST 0 0 Heavy Snow
26 1500MST

A deep moist northeast airflow brought heavy snow to the south central mountains and southern foothills late night the 25th into the afternoon of the 26th. Snowfall amounts ranged from 6 to 10 inches across the entire area, with an incredible total of 26 inches at Cuchara in the Southern Sangre de Cristo Mountains and at Aspen Acres Campground in the Wet Mountains.

COLORADO, West

Archuleta County
Pagosa Spgs 07 1300MST 0 1 Lightning
1305MST

A lineman in an elevated basket was repairing a street light when lightning struck nearby and sent a charge to the street light which arced over the lineman. The lineman received minor burns.

Archuleta County
Pagosa Spgs 07 1310MST 0 0 40K Lightning

Lightning struck a large tree and traveled to a nearby house which caught on fire. Portions of the house were a total loss. Pieces of the tree were blown across the street.

Montrose County
15 E Montrose 17 1000MST 0 0 Funnel Cloud
1005MST

Two funnel clouds were observed by law enforcement and the general public over the Bostwick Park area.

CONNECTICUT, Northeast

CTZ002 Hartford
01 0000EST 0 0 Flood
08 1400EST

Several days of record warm temperatures at the end of March and resulting snowmelt sent the Connecticut River into flood during the last two days of March. The river crested during the first few days of April. Minor flooding occurred along the river for up to ten days at several locations. At Thompsonville, in Hartford County, flood stage is 5 feet and the river crested at 6.5 feet at 11 AM on April 1st then dropped below flood stage at 11 AM on April 6th. At Hartford, where flood stage is 16 feet, the river crested at 21.64 feet at 10 AM on April 2nd then fell below flood stage at 2 PM on April 8th.

Tolland County
Ellington 02 1744EST 0 0 Hail (0.75)

A thunderstorm brought dime size hail to Ellington, CT. Pea size hail was reported at Stafford, West Stafford, and Tolland in Tolland County. In Hartford County, pea size hail occurred in East Hartford and Windsor.

CONNECTICUT, Northwest

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

April 1998

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

CONNECTICUT, Southern

**Fairfield County
Darien**

01 1945EST 0 0 Lightning

As showers and thunderstorms moved over the area, lightning struck the canine "invisible fence" wire, which is buried underground around the perimeter of 8 Bayberry Lane in Darien. The electrical surge travelled into the wiring of the house and caused extensive electrical damage.

CTZ011

**Southern Middlesex
23 1557EST 1 1 Wind**

A low pressure system that moved east of the area produced strong gusty winds and rain. Wind gusts from 40 to 50 mph and rain downed a large tree limb that fell on a moving car. The driver was killed and the passenger was injured as the car accelerated out-of-control. M64VE

DELAWARE

NONE REPORTED.

DISTRICT OF COLUMBIA

NONE REPORTED.

FLORIDA, East Central

**Osceola County
Kissimmee**

20 1715EST 0 0 Hail (1.75)

FLORIDA, Northeastern

**Nassau County
Hilliard**

08 1353EST 0 0 3K Thunderstorm Wind

Large trees and power lines were blown down.

**Clay County
Orange Park**

08 1415EST 0 0 Hail (0.75)

**Duval County
Mandarin**

08 1415EST 0 0 Hail (1.75)

**St. Johns County
Ponte Vedra**

08 1430EST 0 0 Hail (0.88)

**Nassau County
Yulee**

08 1434EST 0 0 2.5K Thunderstorm Wind

Large trees and power lines were blown down.

**Columbia County
2 E Lake City**

08 1409EST 0 0 Hail (0.75)

**Duval County
Jacksonville**

08 1425EST 0 0 15K Thunderstorm Wind

Large trees and power lines were blown down. J.U. gym sustained roof damage.

**Nassau County
Fernandina Beach**

08 1650EST 0 0 2.5K Thunderstorm Wind

Large trees were uprooted.

**Baker County
Macclenny**

19 1310EST 0 0 3.5K Thunderstorm Wind

Large trees and power lines were blown down.

**Suwannee County
Branford**

19 1312EST 0 0 1.5K Thunderstorm Wind

Large trees and power lines were blown down.

**Columbia County
Columbia**

19 1350EST 0 0 2K Thunderstorm Wind

Large trees and power lines were blown down.

**Columbia County
Ft White**

19 1350EST 0 0 2.5K Thunderstorm Wind

Large trees and power lines were blown down.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
FLORIDA, Northwest									
Jackson County Graceville	08	0856EST			0	0			Hail (0.75)
									Dime sized hail reported by Graceville Fire Department.
FLORIDA, Southern									
Monroe County Marathon	04	1500EST			0	0			Waterspout
									Reports of numerous waterspouts sighted along the lower and middle keys between mile markers 47 and 58.
Dade County Florida City	17	1200EST 1900EST			0	0			Wild/Forest Fire
									700 acre brush fire along Card Sound road.
Broward County Ft Lauderdale	21	1433EST 1445EST			0	0			Waterspout
									Pilot reported waterspout 4nm southeast of Fort Lauderdale International(FLL) moving east about 20 knots.
FLORIDA, West Central									
Pasco County Trilby	01	0000EST 0800EST			0	0	100K	0	River Flood
									The Withlacoochee River at Trilby crested at its flood stage of 12.0 feet on the 1st. Several homes received minor flood damage along the banks of the Withlacoochee near Trilby.
Sarasota County 25 SE Sarasota	01	0000EST 0800EST			0	0	0	0	River Flood
									The Myakka River at Myakka State Park crested at 7.2 feet on the 1st, less than a half foot above the flood stage of seven feet.
De Soto County 1 W Arcadia	01	0000EST 0800EST			0	0	10K	0	River Flood
									The Peace River along State Road 70 in Arcadia crested at 12.0 feet on the 1st, one foot above the flood stage of eleven feet.
Pasco County 18 W Zephyrhills	01 02	0000EST 0800EST			0	0	2K	0	River Flood
									The Cypress Creek at Worthington Gardens along State Road 54 crested at 8.5 feet on the 1st, one half foot above the flood stage of eight feet.
Polk County 1 E Bartow	01 04	0000EST 0800EST			0	0	0	0	River Flood
									The Peace River along State Road 60 in Bartow crested at 8.2 feet on the 1st, less than a half foot above the flood stage of eight feet.
Citrus County 1 N Citrus Spgs	01 07	0000EST 0800EST			0	0	5K	0	River Flood
									The Withlacoochee River at Dunnellon crested at 29.2 feet, less than a half foot above the flood stage of 29 feet on the 1st.
Citrus County Holder	01 19	0000EST 0800EST			0	0	300K	0	River Flood
									The Withlacoochee River at Holder crested at 10.0 feet, two feet above the flood stage of eight feet on the 1st. Several homes in the Arrowhead subdivision incurred damage from the floodwaters of the Withlacoochee River near Holder.
Sarasota County 6 SSW Sarasota	19	1335EST			0	1	0	0	Rip Currents
									A 21 year-old male nearly drowned and was injured when caught in a rip current off the beach of Siesta Key. The injured swimmer was found face down in the water by rescuers who later resuscitated the rip current victim.
Lee County 5 NE Ft Myers	21	1255EST			0	0	0	0	Hail (0.75)
									Dime sized hail was reported at the intersection of Interstate 75 and State Road 82 (Exit 23) by a Skywarn Spotter.
Lee County 4 NE Ft Myers	21	1300EST 1307EST			0	0	0	0	Hail (1.00)
									Quarter to nickel sized hail was reported in the community of Tice along State Road 80 by Skywarn Spotters.

Storm Data and Unusual Weather Phenomena

April 1998

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

FLORIDA, West Central

Polk County 4 N Ft Meade	21	1330EST			0	0	0	0	Lightning Lightning ignited and burned 300 acres of brush at the IMC-Agrico Peace River Park along State Road 640.
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FLORIDA, West Panhandle

NONE REPORTED.

GEORGIA, East Central

Mcduffie County Thomson	03	2210EST			0	0	0	0	Hail (0.75) SKYWARN spotter reports dime size hail.
Mcduffie County Thomson	03	2243EST 2248EST			0	0	0	0	Hail (1.00) SKYWARN spotter reports 1 inch hail from Thomson heading toward Harlem.
Columbia County Evans to Martinez	03	2247EST 2257EST			0	0	0	0	Hail (1.00) SKYWARN spotter reports 1 inch hail.
Columbia County 2 N Martinez	03	2300EST			0	0	0	0	Hail (1.75) Spotter reports golf ball size hail.
Richmond County Augusta	03	2320EST			0	0	0	0	Hail (0.75) SKYWARN spotter reports dime size hail.
Columbia County Appling	08	1415EST			0	0	0	0	Hail (0.75) County EPD reports dime size hail.
Columbia County 5 ESE Appling	08	1430EST			0	0	0	0	Hail (0.75) Sheriff reports 3/4 inch hail on I-20.
Columbia County Appling	08	2109EST			0	0	0	0	Hail (0.75) Sheriff reports dime size hail.
Columbia County Harlem	08	2230EST			0	0	0	0	Hail (0.75) Spotter reports dime size inch hail.
Mcduffie County Dearing	08	2230EST			0	0	0	0	Hail (1.75) Spotter reports golf ball size hail.
Columbia County Grovetown	08	2240EST			0	0	0	0	Hail (1.00) SKYWARN reports 1 inch hail.
Richmond County Augusta	08	2246EST 2300EST			0	0	0	0	Hail (1.00) Spotters and Sheriff report 1 inch hail.
Columbia County Grovetown	08	2250EST			0	0	0	0	Hail (1.75) TV 12 weather reports golf ball size hail.
Columbia County Appling	18	1832EST			0	0	0	0	Thunderstorm Wind (G65) Sheriff reported trees uprooted and numerous funnel cloud reports from public.
Columbia County Grovetown to Martinez	22	1323EST 1340EST			0	0	0	0	Hail (0.75) Columbia County EPD reported dime size hail from Grovetown to Martinez.
Richmond County Augusta	22	1355EST			0	0	0	0	Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, East Central									
			SKYWARN spotters reported dime size hail.						
Burke County Midville	22	1450EST			0	0			Hail (1.75)
			Burke County EPD reported golfball size hail in Midville.						
GEORGIA, Lower									
Clinch County Fargo	08	1315EST			0	0	1K		Thunderstorm Wind
			Large trees were blown down along Highway 94.						
Clinch County Edith	08	1320EST			0	0	15K		Thunderstorm Wind
			Large trees were blown down. A vehicle and a building was damaged.						
Charlton County St George	08	1340EST			0	0	2K		Thunderstorm Wind
			Large trees and power lines were blown down.						
Camden County Kingsland to St Marys	08	1350EST			0	0	2K		Thunderstorm Wind
			Large trees were blown down on the Camden County High School property.						
Ware County Emerson Park	08	1400EST			0	0			Hail (0.75)
Ware County Waycross	08	1400EST			0	0	1.5K		Thunderstorm Wind
			Large trees and power lines were blown down.						
Atkinson County 2 W Willacoochee	08	1500EST			0	0	1.5K		Thunderstorm Wind
			Large trees and power lines were blown down.						
Clinch County Fargo	08	1500EST			0	0	2K		Thunderstorm Wind
			Large trees and power lines were blown down.						
Charlton County Winokur	08	1600EST			0	0	1.5K		Thunderstorm Wind
			Large trees and power lines were blown down.						
Camden County 3 S Kingsland	08	1630EST			0	0	2.5K		Thunderstorm Wind
			Large trees and power lines were blown down.						
Camden County Kingsland	08	1645EST			0	0			Hail (0.88)
Appling County Baxley	09	0200EST			0	0			Hail (0.88)
Appling County Baxley	09	0205EST			0	0			Hail (1.00)
Jeff Davis County Hazelhurst	09	0310EST			0	0	2K		Thunderstorm Wind
			Large trees and power lines were blown down.						
Jeff Davis County Hazelhurst	09	0410EST			0	0	1.5K		Thunderstorm Wind
			Large trees and power lines were blown down.						
Clinch County Fargo	09	0430EST			0	0	2.5K		Thunderstorm Wind
			Large trees and power lines were blown down.						
Echols County Statenville	09	0430EST			0	0	0.50K		Thunderstorm Wind
			Large trees and power lines were blown down.						
Appling County Baxley	09	0525EST			0	0	1.5K		Thunderstorm Wind
			Large trees and power lines were blown down.						

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>GEORGIA, Lower</u>									
Coffee County 8 W Douglas	09	0430EST			0	0	2.5K		Thunderstorm Wind
			Large trees and power lines were blown down.						
<u>GEORGIA, North and Central</u>									
Douglas County 3 S Douglasville	01	0230EST			0	0			Hail (0.75)
Cherokee County Canton	03	1000EST			0	0	20K		Lightning
			Two separate lightning strikes caused a house fire and a small fire at a church daycare center.						
Hall County 2 N Oakwood	03	1000EST 1100EST			0	0	120K		Lightning
			Fires caused by lightning strikes destroyed one home on Stacy Drive and damaged three others in south Hall county.						
Fulton County 5 S Sandy Spgs	03	1024EST			1	0			Lightning
			A landscaper was struck and killed by lightning while holding a metal shovel. M42OU						
Washington County Sandersville	03	1500EST			0	0	1K		Thunderstorm Wind
			Thunderstorm winds tore shingles from a roof just south of Sandersville.						
Washington County Tennille	03	1515EST			0	0	2K		Thunderstorm Wind
			A Sandersville deputy reported thunderstorm wind damage to a house. There was an unconfirmed report of a tornado. Dime size hail was also reported.						
Jefferson County Bartow	03	1525EST			0	0			Hail (1.00)
Cobb County Acworth to Kennesaw	03	1530EST 1542EST			0	0			Hail (1.00)
			Numerous reports from the public indicated dime to quarter size hail.						
Fulton County Atlanta	03	1615EST			0	0			Hail (0.75)
			Dime size hail was reported in Ansley Park.						
Fulton County Atlanta to East Pt	03	1625EST 1630EST			0	0			Hail (0.75)
De Kalb County Decatur to Stone Mtn	03	1630EST 1645EST			0	0			Hail (0.75)
Houston County 2 N Perry to Warner Robins	03	1630EST 1650EST			0	0			Hail (0.75)
Dade County Trenton	03	1632EST 1647EST			0	0			Hail (1.00)
			Several reports of dime to quarter size hail were received.						
Wilkinson County Irwinton	03	1705EST 1710EST			0	0			Hail (0.75)
Henry County Mc Donough	03	1720EST			0	0			Hail (0.75)
Oconee County 5 NW Eastville to Watkinsville	03	1730EST 1740EST			0	0			Hail (1.00)
			The Oconee county EMA reported dime to quarter size hail near highway 78.						
Walton County Gratis	03	1730EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Clarke County 2 W Athens to Athens	03	1739EST 1742EST			0	0			Hail (1.00)
Morgan County 3 W Pennington	03	1800EST			0	0			Hail (0.75)
Emanuel County 6 N Dellwood	03	1810EST			0	0			Hail (0.75)
Carroll County Carrollton to Whitesburg	03	1815EST 1830EST			0	0			Hail (1.75)
		The public reported dime size hail in Carrollton and golfball size in Whitesburg.							
Gordon County Calhoun	03	1820EST			0	0			Hail (0.75)
Morgan County Madison	03	1820EST 1830EST			0	0			Hail (1.00)
Morgan County Madison	03	1820EST 1830EST			0	0	1K		Thunderstorm Wind
		Thunderstorm winds knocked trees down and damaged an outbuilding. Quarter size hail was also reported.							
Douglas County 5 S Douglasville to Douglasville	03	1825EST 1833EST			0	0			Hail (1.00)
		There were numerous public reports of hail ranging from dime to quarter size.							
Emanuel County Swainsboro	03	1830EST			0	0			Hail (0.75)
Fulton County 7 W Atlanta to Alpharetta	03	1845EST 1850EST			0	0			Hail (0.75)
Forsyth County Cumming to 10 N Cumming	03	1850EST 1900EST			0	0			Hail (0.75)
Cherokee County Canton	03	1855EST			0	0			Hail (0.75)
		Three quarter inch hail was reported countywide.							
Gwinnett County Norcross to Suwanee	03	1858EST 1930EST			0	0			Hail (1.00)
		There were numerous reports of dime to quarter size hail all across Gwinnett county from Norcross to Snellville to Duluth to Suwanee.							
De Kalb County Stone Mtn	03	1910EST 1923EST			0	0			Hail (1.00)
Coweta County Sharpsburg to Senoia	03	1915EST 1930EST			0	0	30K		Thunderstorm Wind
		Thunderstorm winds damaged 5 homes. At East Coweta Middle School part of the roof was ripped off, trees were uprooted, and two scoreboards were knocked down. Several trees were broken and twisted and power lines were downed in Senoia. There were reports of a funnel between Sharpsburg and Turin. Another was reported between Franklin and Newnan in the west part of the county.							
Hall County 3 W Gainesville to Gainesville	03	1915EST 1930EST			0	0			Hail (1.75)
		Several reports of hail from dime to golfball size were received.							
Fayette County Peachtree City to 3 E Peachtree City	03	1920EST 1925EST			0	0			Hail (1.00)
		One inch hail was observed at the Weather Service Forecast Office. Other reports indicated dime size hail.							

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Carroll County Carrollton to Villa Rica	03	1930EST 1950EST			0	0			Hail (2.50)
									Several public reports of large hail were received. Quarter to tennis ball size was indicated in Carrollton and golfball size was in Villa Rica.
Walker County Kensington	03	1935EST			0	0	0.50K		Thunderstorm Wind
									A road was blocked due to downed trees from thunderstorm winds.
Whitfield County Dalton	03	1935EST			0	0			Hail (0.75)
Douglas County Douglasville to Billarp	03	1940EST 1955EST			0	0			Hail (1.00)
Spalding County 5 N Griffin	03	1941EST			0	0			Hail (1.75)
Fayette County Peachtree City	03	1945EST 1955EST			0	0	0.50K		Thunderstorm Wind
									Thunderstorm winds knocked down a few of trees in and just northeast of town.
Henry County Hampton to Stockbridge	03	1946EST 1952EST			0	0			Hail (0.75)
Spalding County 4 NE Griffin to 8 NE Griffin	03	1952EST 2000EST	4	150	0	0	400K		Tornado (F1)
									The Spalding county EMA reported 30 homes suffered minor to heavy damage. One on North Walkers Mill Road was completely destroyed. In the Amelia Road area, homes sustained moderate damage with one shifted off its foundation. Light to moderate damage was in the Gainer Road area. The path length and width were estimated, but the storm apparently only touched down intermittently along the track.
Henry County 2 W Locust Grove to Locust Grove	03	2000EST 2004EST	2	100	0	1	100K		Tornado (F0)
									The tornado in Spalding county continued into Henry county, but apparently weakened. Sight survey by NWS employees showed numerous trees were downed. Some were pointing toward the west while others were toward the south indicating rotation of the storm. Eight mobile homes in the Indian Creek mobile home park were damaged, mainly from falling trees. The tornado seemed to skirt the southern edge of the mobile home park before lifting. Only one minor injury was reported.
Fannin County Mc Caysville	03	2010EST			0	0			Hail (0.75)
Clayton County Forest Park	03	2015EST			0	0			Hail (0.75)
Fulton County Hapeville	03	2015EST			0	0			Hail (1.00)
Bartow County White	03	2020EST			0	0			Hail (0.75)
Gwinnett County Duluth	03	2020EST			0	0			Hail (0.75)
Madison County 5 N Comer	03	2020EST			0	0			Hail (1.00)
Henry County 5 N Stockbridge	03	2025EST			0	0			Hail (0.75)
Clayton County Conley to Jonesboro	03	2035EST 2045EST			0	0			Hail (0.75)
									There were numerous public reports of dime size hail in northern Clayton county.
Cherokee County Canton	03	2038EST			0	0			Hail (0.75)
Coweta County 4 W Newnan	03	2043EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Newton County 5 W Covington	03	2055EST			0	0			Hail (1.00)
Rockdale County 3 E Conyers	03	2055EST			0	0			Hail (1.00)
Banks County 3 S Homer to Homer	03	2056EST 2100EST			0	0			Hail (1.00)
Lumpkin County Dahlonega	03	2109EST			0	0			Hail (0.75)
Coweta County 4 N Newnan	03	2110EST			0	0			Hail (0.75)
Clayton County Jonesboro to 4 S Jonesboro	03	2120EST 2126EST			0	0			Hail (0.75)
Fayette County Fayetteville	03	2120EST			0	0			Hail (0.75)
Upson County Thomaston	03	2120EST			0	0			Hail (0.75)
Henry County Mc Donough	03	2125EST 2130EST			0	0			Hail (1.00)
Walton County Walnut Grove	03	2125EST			0	0			Hail (0.75)
Morgan County Madison	03	2130EST			0	0			Hail (1.00)
Upson County 1 W Hannah Mill	03	2150EST			0	0			Hail (0.88)
Bibb County Macon	03	2220EST			0	0	1K		Thunderstorm Wind
									Bibb county 911 reported thunderstorm winds knocked down several trees around the county.
Twiggs County Dry Branch	03	2235EST			0	0	3K		Thunderstorm Wind
									Twiggs county EMA reported trees and power lines were downed by thundersztrorm winds.
Bibb County Macon	03	2245EST 2315EST			0	0	5K		Thunderstorm Wind
									The Macon Field Office of GEMA reported thunderstorm winds knocked down trees and power lines countywide.
Twiggs County Jeffersonville	03	2250EST			0	0	2K		Thunderstorm Wind
									The sheriff's office reported several trees were downed on highway 80 by thunderstorm winds.
Laurens County East Dublin	03	2330EST			0	0	1K		Thunderstorm Wind
									Laurens county 911 reported thunderstorm winds knocked several trees down.
Troup County West Pt to La Grange	08	1245EST 1258EST			0	0			Hail (0.75)
Troup County La Grange	08	1305EST 1320EST			0	0			Hail (0.75)
Polk County Cedartown to Rockmart	08	1645EST 1715EST			0	0			Hail (1.75)
									Numerous public reports were received of dime to golfball size hail.
Floyd County Cave Spg to Armuchee	08	1705EST 1730EST			0	0			Hail (1.75)
									Numerous public reports of hail ranging from dime to golfball size were also received from across Floyd county.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Crawford County 6 SE Knoxville	08	1726EST			0	0			Hail (1.75)
Bartow County Emerson	08	1745EST			0	0			Hail (0.90)
Cherokee County Woodstock to Hickory Flat	08	1745EST 1800EST			0	0			Hail (1.00)
Numerous public reports were received of hail ranging from dime to quarter size.									
Cobb County Acworth	08	1745EST			0	0			Hail (0.75)
Gordon County Plainville to Calhoun	08	1750EST 1805EST			0	0			Hail (1.00)
Fulton County Alpharetta	08	1815EST 1830EST			0	0			Hail (0.75)
Coweta County 4 S Newnan to Moreland	08	1820EST 1830EST			0	0			Hail (0.75)
Gwinnett County Buford	08	1820EST			0	0			Hail (0.90)
Larger than nickel size hail was reported at Buford Dam.									
Hall County Chesnut Mtn to Gainesville	08	1825EST 1830EST			0	0			Hail (0.90)
The public reported dime to nickel size hail.									
Coweta County 3 S Thomas Xrds	08	1834EST			0	0			Hail (0.75)
Fayette County Peachtree City to Fayetteville	08	1835EST 1846EST			0	0			Hail (1.75)
The public reported hail ranging from dime to golfball size.									
Clayton County 3 S Riverdale to Ellenwood	08	1845EST 1900EST			0	0	5K		Hail (1.75)
Dime size hail fell in western Clayton county. Up to golfball size hail occurred in northern parts of the county, where a vehicle was reportedly damaged in Ellenwood.									
Troup County La Grange	08	1851EST			0	0	1K		Thunderstorm Wind
Thunderstorm winds knocked trees down.									
Henry County Stockbridge	08	1900EST 1910EST			0	0			Hail (1.75)
Madison County 3 W Ila	08	1900EST			0	0			Hail (1.00)
Rockdale County Conyers	08	1917EST 1920EST			0	0			Hail (1.00)
Walton County Loganville	08	1924EST 1933EST			0	0			Hail (1.00)
Barrow County Winder to Bethlehem	08	1942EST 1945EST			0	0			Hail (0.90)
Several reports of dime to nickel size hail were received.									
Pike County Williamson	08	1945EST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central									
De Kalb County									
Chamblee	08	1950EST			0	0			Hail (0.75)
Gwinnett County									
Norcross to Duluth	08	2000EST			0	0			Hail (0.90)
			Lots of dime to nickel size hail was reported.						
Jasper County									
Farrar	08	2010EST			0	0			Hail (0.75)
Morgan County									
Pennington	08	2010EST			0	0			Hail (1.00)
Forsyth County									
Cumming to Coal Mtn	08	2015EST 2028EST			0	0			Hail (0.75)
Gwinnett County									
Lilburn to Suwanee	08	2017EST 2020EST			0	0			Hail (0.75)
Butts County									
5 NE Jackson	08	2030EST			0	0			Hail (0.75)
Heard County									
Franklin	08	2030EST 2041EST			0	0			Hail (1.25)
			A few public reports of hail from dime to half-dollar size were received.						
Coweta County									
Dresden to Newnan	08	2034EST 2040EST			0	0			Hail (1.75)
			Several reports were received from the public of hail ranging from dime to golfball size.						
Hall County									
2 N Gainesville	08	2035EST 2039EST			0	0			Hail (1.00)
Morgan County									
Apalachee	08	2045EST			0	0			Hail (0.75)
Coweta County									
4 E Newnan	08	2046EST			0	0			Hail (0.75)
Gordon County									
Calhoun	08	2047EST			0	0			Hail (0.75)
Paulding County									
Dallas	08	2050EST			0	0			Hail (0.75)
Fayette County									
Fayetteville	08	2055EST			0	0			Hail (0.90)
Floyd County									
10 NW Rome to Rome	08	2057EST 2105EST			0	0			Hail (1.00)
Gordon County									
Calhoun	08	2100EST			0	0	2K		Hail (1.75)
			Golfball size hail damaged a vehicle.						
Fulton County									
East Pt	08	2107EST			0	0			Hail (1.00)
Clayton County									
Jonesboro to Rex	08	2110EST 2118EST			0	0	6K		Hail (1.75)
			Several public reports of dime to quarter size hail were received. Damage to vehicles was also reported.						
Cobb County									
Acworth	08	2110EST			0	0			Hail (0.90)
Douglas County									
Douglasville to Lithia Spgs	08	2115EST 2128EST			0	0	2K		Hail (1.75)
			Dime to golfball size hail was reported. A vehicle was damaged.						

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Cobb County Smyrna to Vinings	08	2130EST 2145EST			0	0			Hail (0.75)
Gwinnett County 4 S Snellville	08	2140EST			0	0			Hail (0.75)
Floyd County Rome	08	2150EST 2220EST			0	0			Hail (2.75)
Dime to quarter size hail was reported between 950 pm and 1005 pm. Golfball to as large as baseball size was reported around 1020 pm.									
Barrow County Auburn	08	2210EST			0	0	1K		Thunderstorm Wind
Thunderstorm winds knocked trees down on power lines.									
Clarke County Athens	08	2211EST			0	0			Hail (0.75)
Glascok County 2 N Gibson	08	2230EST			0	0			Hail (0.75)
Haralson County 3 W Tallapoosa to Tallapoosa	08	2230EST 2235EST	3.5	200	0	0	300K		Tornado (F1)
Sight survey by a NWS employee confirmed an F0-F1 tornado. One mobile home was destroyed and 36 other homes, 7 businesses and 2 churches were damaged. Several vehicles were damaged and many trees were downed. There were no reported injuries but 3 families had to move into temporary shelters. The damage path began just inside the Georgia border from Alabama and ended just west of Tallapoosa.									
Hall County Gainesville to 5 E Gainesville	08	2239EST 2300EST			0	0			Hail (0.75)
Paulding County 7 S Dallas	08	2247EST			0	0	10K		Thunderstorm Wind
Thunderstorm winds damaged roofs and knocked several trees down in the community of New Georgia.									
Banks County Homer	08	2255EST			0	0			Hail (0.75)
Paulding County Dallas	08	2305EST			0	0			Hail (0.75)
Cobb County Kennesaw to Marietta	08	2320EST 2330EST			0	0			Hail (1.00)
Cobb County Smyrna to 3 E Smyrna	08	2320EST 2330EST	3	200	0	0	15M		Tornado (F2)
The same supercell that had tracked from Alabama across Haralson and Paulding counties spawned another tornado in Smyrna. The touchdown was along Windy Hill Road just west of Cobb Parkway where a commercial building sustained heavy damage. A filling station and car dealership less than a block east also sustained heavy damage. There was \$500,000 to \$750,000 in damage to new cars. Trees over a foot in diameter were snapped or uprooted. In total, 59 buildings were damaged, but no injuries were reported. Aerial and ground surveys by NWS employees showed the path varied from 100 to 200 yards wide with a length of about 3 miles. The tornado crossed just into Fulton county near I-285 and the Chattahoochee River. Dime to quarter size hail and other wind damage were also reported in north and central Cobb county.									
Fulton County Roswell	08	2330EST			0	0			Hail (0.75)
Fulton County 3 SW Sandy Spgs to 2.5 SW Sandy Spgs	08	2330EST	0.5	100	0	4	10M		Tornado (F1)
The tornado continued into Fulton county before lifting temporarily. Large trees were snapped, power lines were downed and damage occurred to buildings. Four minor injuries were reported.									
De Kalb County Dunwoody to 4 E Dunwoody	08	2335EST 2340EST	4	800	1	0	25M		Tornado (F2)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Gwinnett County 1 W Norcross to 5 N Lawrenceville	08	2340EST	15	800	0	10	50M		Tornado (F2)
	09	0000EST							
The damage path began just northeast of Perimeter Mall in Dunwoody and extended well into Gwinnett county. There was significant widespread damage to trees and homes. One person was killed when a tree fell on his home. DeKalb College's north campus was closed after several buildings sustained major damage. M72PH									
Cobb County Marietta	09	0013EST			0	0	2K		Thunderstorm Wind
	A HAM operator reported trees and power lines were downed near highway 120.								
Douglas County Douglasville	09	0015EST			0	0			Hail (0.90)
		0024EST							
Cobb County Austell to 3 SE Smyrna	09	0025EST			0	0			Hail (1.00)
		0035EST							
Fulton County Roswell	09	0030EST			0	4	5K		Thunderstorm Wind
	The Fulton county EMA reported numerous trees were downed in northern Fulton county. Four minor injuries resulted.								
De Kalb County Dunwoody	09	0040EST			0	0	10K		Thunderstorm Wind
	The DeKalb county EMA reported thunderstorm winds damaged houses.								
Gwinnett County Norcross to Duluth	09	0045EST			0	0	15K		Thunderstorm Wind
		0055EST							
Lots of trees were knocked down, one large one fell on an apartment building. A porch was blown off a house. Larger than dime size hail was also reported.									
Gwinnett County 5 N Lawrenceville	09	0105EST			0	0			Hail (0.75)
Barrow County Winder	09	0125EST			0	0	1K		Thunderstorm Wind
	Barrow 911 reported trees were knocked down and blocking a road.								
Banks County Homer	09	0030EST			0	0			Hail (1.00)
Douglas County 2 S Douglasville to Douglasville	09	0140EST			0	0			Hail (0.75)
		0142EST							
Coweta County 5 S Newnan	09	0153EST			0	0			Hail (0.75)
Clayton County 2 SE Morrow	09	0230EST			0	0	1K		Thunderstorm Wind
	Thunderstorm winds knocked power lines down on Doublegate Lane.								
Fayette County Fayetteville	09	0230EST			0	0	1K		Thunderstorm Wind
	Thunderstorm winds partially destroyed an aluminum building.								
Henry County Stockbridge	09	0230EST			0	0			Hail (0.75)
Bleckley County Cochran	09	0530EST			0	0			Hail (1.75)
	The Bleckley county EMA relayed numerous reports of hail ranging from pea to golfball size.								
Telfair County Scotland	09	0530EST			0	0	50K		Lightning
	Fire started by lightning destroyed a restored 1800s vintage home.								
Dade County Trenton	16	2154EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Dade County 3 NE Trenton	16	2206EST			0	2	75K		Thunderstorm Wind (G60)
	A downburst from a severe thunderstorm in the West Brow community destroyed one house, damaged another, and overturned a trailer. A man suffered a broken leg and his wife had cuts and bruises. Numerous trees were knocked down. A spotter reported dime size hail and winds estimated at 60 mph.								
Walker County Flintstone	16	2220EST	0.5	50	0	2	100K		Tornado (F1)
	Police and fire officials reported a tornado. It apparently touched down briefly destroying 3 trailers, 2 barns and a car. The roof was torn off of a house. Trees and power lines were downed. The intensity, width and length were estimated.								
Catoosa County Keith	16	2235EST			0	0	5K		Thunderstorm Wind
	The sheriff's department reported roof damage to a house and numerous trees down in the community of Keith, about 4 miles east of Ringold.								
Floyd County Rome	16	2300EST			0	0	1K		Thunderstorm Wind
	The Floyd county EMA reported power lines were downed by trees felled by thunderstorm winds. A police office in Lindale reported a funnel cloud.								
Murray County Cisco	16	2305EST	0.5	100	0	10	200K		Tornado (F1)
	An apparent tornado touched down briefly, hitting a mobile home park in the Temple Grove, Higdon Road, and Turvey-Nichols Road areas in Cisco. Seven mobile homes were destroyed, 2 received major damage and 6 minor damage. One home had major structural damage and 14 had minor damage. Roofs were blown off houses and trees were scattered like toothpicks. There were no serious injuries, but 6 people were taken to the medical center, where they were treated and released. The intensity, width, and length were estimated.								
Bartow County Kingston to White	16	2330EST 2340EST			0	0	50K		Thunderstorm Wind
	Severe thunderstorm winds damaged a few chicken houses near Kingston. Numerous trees were knocked down across northwest Bartow county from Kingston to White blocking some roads. Some 5000 customers lost electricity when a substation was damaged.								
Pickens County Jasper	17	0010EST 0013EST			0	0			Hail (0.75)
Forsyth County 8 N Cumming	17	0025EST			0	0			Hail (0.75)
	The Forsyth county EMA director reported 3/4 inch hail.								
Hall County Gainesville	17	0035EST			0	0			Hail (0.75)
Pickens County Jasper	17	0045EST			0	0			Hail (0.75)
Dawson County Juno	17	0050EST			0	0	2K		Thunderstorm Wind
	Thunderstorm winds knocked down numerous trees.								
Gordon County Calhoun to Fairmount	17	0100EST 0600EST			0	0	5K		Flash Flood
	Along with the other recent rains, around an inch-and-a-half of rain in a three hour period caused a serious flooding problem in Gordon county. Water was over roads and in some homes and businesses. Schools were closed the next day. There was an inch or two of water in a couple of the buildings at Fairmount Elementary. Several businesses in the Fairmount area were also affected by the flooding..								
White County Cleveland	17	0110EST			0	0			Hail (1.00)
White County Cleveland	17	0115EST			0	0	1K		Thunderstorm Wind
	A report relayed from Greenville WSO indicated trees down and 3/4 to one inch hail in White county.								

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Pickens County Talking Rock	17	0200EST 0600EST			0	0	5K		Flash Flood
			There was some flooding in Pickens county when Mill Creek overflowed its banks. The Post Office had some water around it.						
White County Cleveland	17	0215EST 0600EST			0	0	25K		Flash Flood
			GEMA reported 3 to 4 inches of water in the city limits of Cleveland flooding numerous houses and businesses. Highway 129 was closed in other parts of the county.						
Hall County Gainesville	17	0235EST			0	0			Hail (0.88)
Dawson County Juno	17	0300EST 0600EST			0	0	10K		Flash Flood
			Dawson county 911 reported Scott Bailey Road was washed out.						
Forsyth County Ducktown	17	0440EST			0	0			Hail (0.88)
			Forsyth county 911 reported penny to nickel size hail near the Cherokee county line along highway 20.						
Marion County Buena Vista	17	0635EST 0650EST			0	0			Hail (1.00)
			Marion county 911 reported quarter size hail covering the road.						
Schley County Concord	17	0655EST			0	0			Hail (1.75)
			Schley county 911 reported golfball size hail.						
Macon County Ideal	17	0715EST			0	0			Hail (0.75)
Houston County Warner Robins	17	0730EST 0733EST			0	0			Hail (1.75)
			Large hail ranging from dime to golfball size was reported by the public and a police officer.						
Macon County Ideal to Montezuma	17	1653EST 1704EST			0	0			Hail (1.00)
			The Macon county sheriff's office reported 1 inch hail.						
Bibb County Macon	17	1738EST 1750EST			0	0			Hail (0.75)
			There were a couple of public reports of dime size hail.						
Crawford County 7 NE Knoxville	17	1740EST			0	0			Hail (0.75)
Bibb County 5 SE Macon	17	1800EST 1805EST			0	0	3K		Hail (1.00)
			Several reports of dime to quarter size hail were received. Roof damage was also reported.						
Wilkinson County Gordon	17	1810EST			0	0			Hail (0.75)
Twiggs County Dry Branch	17	1815EST 1820EST			0	0			Hail (1.00)
			Dime to quarter size hail was reported.						
Washington County Sandersville	17	1855EST 1857EST			0	0			Hail (0.75)
			Dime and larger size hail was reported.						
Jefferson County Louisville	17	1932EST			0	0			Hail (0.75)
Schley County 3 S Ellaville	17	2045EST			0	0	3K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Thunderstorm winds knocked numerous trees down along highway 19 causing power outages.									
Sumter County 10 ESE Americus	17	2050EST			0	0	1K		Thunderstorm Wind
Several trees were knocked down. One large tree fell across power lines which caused several power poles to fall.									
Dooly County Lilly to 15 NNE Vienna	17	2135EST 2145EST			0	0	40K		Thunderstorm Wind
A trailer was blown off its foundation in Lilly. Numerous trees were knocked down from Byromville to Vienna and over to Pinehurst. A barn or outbuilding was destroyed about 15 miles northeast of Vienna near highway 230. Small hail was also reported.									
Houston County 2 SE Hayneville	17	2155EST			0	0	50K		Thunderstorm Wind
Sight survey by a NWS employee indicated a downburst from a severe thunderstorm destroyed a mobile home on County Line Road 12 miles south-southeast of Perry. About 20 large mature oak, cedar and pine trees were blown down. A very old graveyard was damaged by uprooting of huge oak trees. A number of residents reported damage to vehicles and structures, fallen power lines and obstructions on roadways. Sound descriptions indicated the possibility of a funnel but there was no evidence of a tornado.									
Pulaski County 6 W Hawkinsville to 2 NW Hawkinsville	17	2155EST 2205EST			0	0	50K	50K	Thunderstorm Wind
Sight survey by a NWS employee showed the damage path continued out of Houston county into Pulaski county. Over 150 pecan trees in 2 separate orchards were blown down. Very large oak and pine trees were also knocked down. An unoccupied mobile home was flipped and landed 30 to 40 feet away. It was upright and intact, but destroyed. The EMA director indicated a total of 17 homes were damaged or destroyed. Most of the damage came from falling trees. Power outages also resulted when trees fell on power lines.									
Bleckley County Cochran to Cary	17	2210EST 2220EST			0	0	1K		Thunderstorm Wind
Thunderstorm winds knocked down 5 to 7 trees in and near Cochran on county and city roads.									
Laurens County 2 NW Dexter to Dudley	17	2230EST 2235EST			0	0	5K		Thunderstorm Wind
About 30 trees were blown down along the track of the storm. The most serious was about 2 miles northwest of Dexter, where the trees fell in a pattern that suggested a funnel. The EMA director and 2 sheriff's deputies reported seeing funnel clouds, displayed by nearly continuous lightning. No evidence of a tornado was found when a NWS employee surveyed the area. The windows were blown out of a church on New Bethel Road near Dudley.									
Laurens County Dublin	17	2259EST			0	0	2K		Thunderstorm Wind
Trees were blown down causing power outages.									
Johnson County Wrightsville	17	2315EST 2321EST			0	0	2K		Thunderstorm Wind
The sheriff's office reported thunderstorm winds knocked trees down, some of which caused power outages as they fell on power lines.									
Pulaski County Hawkinsville	17	2315EST			0	0			Hail (1.00)
Pulaski County Hawkinsville	17	2315EST			0	0	25K		Thunderstorm Wind
Numerous trees were downed by thunderstorm winds, some falling on power lines causing power outages. Roofs were taken off houses. Quarter size hail was also reported.									
Emanuel County Adrian	17	2325EST			0	0	2K		Thunderstorm Wind
Some power lines were blown down near the town of Adrian.									
Jefferson County Wadley	17	2328EST			0	0	2K		Thunderstorm Wind
Several trees were blown down and there were power outages near Wadley.									
Floyd County Coosa	18	1827EST			0	0			Funnel Cloud
A spotter reported a funnel cloud southwest of Coosa.									
Dade County Trenton	18	1939EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Walker County Cedar Grove	18	2000EST			0	0			Hail (0.75)
Walker County 4 SW La Fayette	18	2000EST			0	0			Funnel Cloud
The public reported a funnel cloud.									
Whitfield County Dalton	18	2115EST			0	0			Hail (0.75)
Gordon County Oostanaula	18	2120EST			0	0			Hail (0.75)
Floyd County 4 W Rome to Rome	18	2125EST 2130EST			0	0			Hail (0.75)
Gordon County Calhoun	18	2200EST			0	0			Hail (0.75)
Gordon County Calhoun	18	2207EST			0	0			Hail (0.75)
Although north Georgia was in a slight to moderate risk of severe thunderstorms, no serious damage occurred. Funnel clouds were reported, but the only severe weather noted was dime size hail across a few counties in northwest Georgia.									
Whitfield County 2 E Dalton	18 19	2315EST 0030EST			0	0	4K		Flash Flood
Several homes on Old Grade on the east side of Dalton had water in them.									
Peach County Byron	19	1210EST			0	0	50K		Thunderstorm Wind
A severe thunderstorm developed over Peach county around noon EST. The Peach county EMA reported several homes and trees were damaged in the Majestic Oak subdivision on the south side of Byron. A three car garage was destroyed and part of a roof was torn away. Another home across the street was damaged when a tree was blown onto its roof. Other homes sustained minor to moderate damage. There were several reports of a funnel cloud. Dime size hail was also reported.									
Houston County 2 NW Centerville	19	1215EST			0	0	2K		Thunderstorm Wind
The same severe thunderstorm pulled some shingles off a house on Dunbar road near the Peach county line.									
Bibb County Macon Wilson Arpt to 2 N Macon	19	1220EST 1230EST			0	0	15K		Thunderstorm Wind
The severe thunderstorm continued into Bibb county from near Wilson Airport to around Macon. A trailer was knocked off its foundation. Other homes had roof damage and trees were knocked over.									
Cherokee County South Canton to Canton	21	1629EST			0	0			Hail (0.75)
The Cherokee county EMA reported dime size hail in Canton and South Canton.									
De Kalb County Dunwoody to Tucker	21	1635EST 1650EST			0	0			Hail (0.75)
Several public reports were received of dime to nickel size hail.									
Forsyth County Cumming	21	1644EST			0	0			Hail (0.88)
Butts County Jackson	21	1645EST			0	0			Hail (0.75)
Forsyth County Cumming	21	1645EST			0	0	120K		Lightning
Lightning struck a gas main at a home in the Gran Forest subdivision. The house was immediately engulfed in flames and was destroyed.									
Fulton County Alpharetta	21	1645EST			0	0			Hail (0.75)
Hail up to dime size was reported. It covered the ground in some areas.									
Gwinnett County Buford	21	1700EST			0	0	5K		Hail (1.75)
Golfball size hail damaged a car.									

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Jasper County Monticello	21	1700EST			0	0			Hail (1.00)
Putnam County Willard	21	1730EST			0	0			Hail (0.75)
Dime size hail was reported near the intersection of highways 142 and 300.									
Putnam County Eatonton to 10 NE Eatonton	21	1755EST 1810EST			0	0			Hail (1.00)
Greene County 4 SW Greensboro	21	1810EST			0	0			Hail (0.88)
Baldwin County 7 NW Milledgeville	21	1900EST			0	0			Hail (0.75)
Baldwin County Milledgeville to 5 N Milledgeville	21	1910EST 1925EST			0	0			Hail (1.00)
Several public reports indicated dime to quarter size hail.									
Barrow County Winder	22	1550EST 1555EST			0	0			Hail (0.75)
Several public reports indicated dime size hail. It was an inch deep on the ground in some areas.									
Glascock County Gibson	22	1615EST			0	0			Hail (0.75)
Cherokee County 4 N Waleska to Canton	22	1635EST 1700EST			0	0			Hail (0.88)
Public reports indicated dime to nickel size hail.									
Jefferson County 8 N Louisville	22	1635EST			0	0			Hail (1.00)
Jefferson county 911 reported quarter size hail between Louisville and Wrens.									
Putnam County 2 S Eatonton	22	1655EST			0	0			Hail (0.75)
Jasper County Monticello	22	1810EST			0	0			Hail (1.00)
Jones County 5 NE Gray	22	1840EST			0	0			Hail (0.75)
Baldwin County 7 NW Milledgeville	22	1905EST			0	0			Hail (0.75)
Walton County Social Circle	23	1508EST			0	0			Hail (1.00)
The public reported dime to quarter size hail. It covered the ground in some places.									
Houston County Bonaire	30	1650EST			0	0	3K		Thunderstorm Wind
Thunderstorm winds knocked several trees down and caused power outages.									
Macon County 10 S Montezuma	30	1700EST			0	0	2K		Hail (1.75)
The public reported golfball size hail and a large oak tree down.									
Macon County 5 NE Montezuma	30	1725EST			0	0			Hail (0.75)
Dime size hail was reported in the Five Points area.									
Houston County 3 S Warner Robins	30	1735EST			0	0			Hail (0.75)
Dime size hail covered the road.									
Houston County Warner Robins	30	1740EST			0	0	5K		Lightning
Lightning ignited a restaurant's neon sign and singed the roof.									
Peach County Ft Vly	30	1741EST			0	0	3K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>GEORGIA, North and Central</u>									
Thunderstorm winds knocked down many trees.									
Peach County Byron	30	1810EST			0	0			Hail (0.75)
Peach County Byron	30	1810EST			0	0	50K		Thunderstorm Wind
Thunderstorm winds blew a barn down, tore roofs off and knocked trees down.									
Bibb County 8 S Macon to Macon	30	1835EST 1855EST			0	0			Hail (1.00)
Several public reports indicated dime to quarter size hail.									
Crawford County Knoxville	30	1855EST			0	0			Hail (1.75)
Fayette County Peachtree City to Tyrone	30	2225EST 2230EST			0	0			Hail (1.75)
An NWS employee reported 1 inch hail in Peachtree City. Public reports indicated golfball size hail in Peachtree City and dime size hail in Tyrone.									
Coweta County Sharpsburg	30	2230EST			0	0			Hail (1.75)
Quarter to golfball size hail was reported in Sharpsburg.									
Fayette County Starrs Mill to Woolsey	30	2330EST 2340EST			0	0			Hail (0.88)
Dime to nickel size hail covered the ground.									
Spalding County Sunny Side to 2 E Sunny Side	30	2330EST 2335EST			0	0			Hail (1.00)
Several public reports indicated dime to quarter size hail.									
Henry County Hampton	30	2345EST			0	0			Hail (0.75)
<u>GEORGIA, Northeast</u>									
Franklin County Carnesville	03	2112EST			0	0			Hail (1.00)
A severe thunderstorm produced quarter size hail in Carnesville.									
Elbert County 3 NW Bowman	08	1933EST			0	0			Hail (0.88)
A severe thunderstorm produced nickel size hail in just north of Bowman.									
Habersham County Clarksville	17	0130EST			0	0			Hail (0.75)
Habersham County Clarksville	17	0130EST			0	0			Thunderstorm Wind (G52)
Stephens County Toccoa	17	0135EST			0	0			Thunderstorm Wind (G63)
A line of thunderstorms developed ahead of an advancing cold front. Two storms became severe and produced large hail and damaging wind gusts. Trees were reported down in several locations in Toccoa.									
<u>GEORGIA, Southeast</u>									
Jenkins County Millen	03	1600EST 1605EST			0	0			Hail (1.00)
Screven County Sylvania	03	1625EST 1630EST			0	0			Hail (0.88)
Effingham County 10 W Clyo to 9 W Clyo	03	1720EST 1724EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

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

GEORGIA, Southeast

Bryan County

3 NE Pembroke to
1 NE Blitchton

09 0445EST 8 440 2 16 2.2M **Tornado (F3)**
 0505EST

Tornado first touched down just northeast of Pembroke and then crossed I-16 at the Olive Branch Road overpass (about 2 miles west of exit 29) then continued northeast. Significant damage occurred in the Olive Branch Rd. area and also just north of Blitchton, where a 38 year-old female and a 41 year old male were killed along with 15 injured. There were seventy-four (74) homes and other buildings damaged, with fourteen of those destroyed (6 mobile homes, two frame houses, two brick homes, and four other buildings. Numerous trees were uprooted or snapped off 10 to 15 feet above the ground. F38MH, M41MH

Effingham County

1 NW Eden to
6 SW Rincon

09 0505EST 8 400 0 1 500K **Tornado (F2)**
 0517EST

The Bryan County tornado crossed the county line and weakened as it moved into a less populated area. Once the tornado moved east of GA State Road 17, it lifted. There were no further reports of damage or touchdowns from the parent supercell until the F1 touchdown reported just west of Hardeeville, S.C., which is approximately 12 miles from the last report of damage in Effingham County, Georgia. There were 40 homes damaged along GA 17, about 5 miles south of Guyton. Six of these were mobile homes that were destroyed. Numerous trees were uprooted or snapped off 10 to 15 feet above the ground.

Long County

4 ENE Donald to
6 ENE Donald

09 0535EST 2.5 400 3 24 200K **Tornado (F2)**
 0545EST

Tornado touched down in the Rye Patch Community where 3 people died (all were in mobile homes). Ten mobile homes were destroyed and two others were damaged along with a roof blown off a block house. Numerous trees were uprooted or snapped off 10 to 15 feet above the ground. F13MH, F30MH, M49MH

Liberty County

7.5 W Hinesville to
8 NE Fleminton

09 0545EST 17 400 1 7 38M **Tornado (F2)**
 0605EST

F2 tornado moved from Long County into Liberty County, which encompasses much of Fort Stewart Army Base. One soldier was killed while in an administrative building and seven others were injured. Seven buildings were destroyed while another fifty-five(55) suffered different degrees of damage. M51BU

Bryan County

6 W Richmond Hill to
1 W Richmond Hill

09 0605EST 5 100 0 0 **Tornado (F1)**
 0610EST

Several trees uprooted or snapped off as F1 ended cycle of destruction from the parent thunderstorm that moved from Long County through Liberty to the western edge of Bryan.

Candler County

Metter

17 2150EST 0 0 **Thunderstorm Wind (G50)**
 2155EST

Large tree limbs and powerlines down.

Jenkins County

Perkins

18 0010EST 0 0 **Thunderstorm Wind (G50)**
 0015EST

Effingham County

Clyo

22 1850EST 0 0 **Hail (0.75)**
 1855EST

GEORGIA, Southwest

Early County

Blakely

08 0955EST 0 0 **Hail (1.75)**
 1003EST

Golfball sized hail reported by Early County Sheriff.

Early County

Blakely

08 1005EST 0 0 50K **Hail (2.75)**

Baseball sized hail damaged 8 to 10 homes in Blakely.

GAZ129-146-156

Tift - Colquitt - Decatur

08 1055EST 0 0 40K **High Wind**
 1600EST

High winds split a doublewide mobile home near the Tift-Worth county line (approximately 8 miles west of Tifton). Several large trees blown into power poles with numerous power lines ablaze two miles NNE of Bainbridge. High winds damaged several mobile homes, snapped numerous pine tree tops, and downed power lines in Norman Park.

Tift County

Tifton

08 1415EST 0 0 **Hail (0.75)**

Storm Data and Unusual Weather Phenomena

April 1998

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

GEORGIA, Southwest

Dime sized hail reported at Industrial Park in Tifton.

Tift County

Tifton

09	0050EST				0	0			Hail (0.75)
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0055EST

Marble to dime sized hail covering the ground.

Irwin County

Ocilla

09	0110EST				0	0			Hail (0.88)
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0115EST

Nickel sized hail reported by the Irwin County Sheriff.

Lee County

Leesburg

30	1645EST				0	0			Hail (0.75)
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1650EST

Marble to dime sized hail reported by the Lee County Sheriff.

Calhoun County

Morgan

30	1830EST				0	0			Hail (0.88)
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1835EST

Nickel sized hail reported at the Calhoun County Jail.

GAZ130>131

Ben Hill - Irwin

19	1200EST				0	0	70K		High Wind
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1330EST

High winds toppled numerous trees and power lines in Fitzgerald. A tin roof was lifted off a mobile home.

A home's 15x15 foot patio awning was ripped off and wrapped around its chimney.

High winds downed numerous trees and power lines in Irwinville and Ocilla.

Early County

Blakely

30	1840EST				0	0			Hail (0.75)
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1845EST

Dime sized hail reported by Early County EMA.

GEORGIA, West Central

Stewart County

Omaha

03	1615EST				0	0	3K	2K	Hail (1.00)
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1620EST

Hail the size of quarters was reported in Omaha, lasting several minutes.

Stewart County

Omaha

03	1620EST	1	75		0	0	10K	5K	Tornado (F0)
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1622EST

A tornado was reported near Omaha with numerous downed trees.

Quitman County

Morris

08	0730EST				0	0	3K	0	Hail (1.00)
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Quarter sized hail was reported over eastern Quitman County around Morris. Report came through the Georgetown PD.

HAWAII

HIZ002>005

Oahu - Maui - Island Of Hawaii - Molokai

01	0000HST				0	0			Drought
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30 2359HST

The drought in Hawaii continued through April, but conditions improved in some locales.

Below average precipitation occurred across much of the state in April. All four first order, and 58 of 69 automated, rain gauges received less than average rainfall for the month. However, windward sides of all the isles and some of the central parts of the islands saw significant increases in April. Overall, though, the trend of drier than usual conditions moved into its seventh month.

During much of April, the jet stream remained strong to the north of the islands. On the other hand, the surface high pressure ridge shifted to the northeast of the island chain to a more seasonal position. This allowed a trade wind pattern to reestablish itself over the islands. The depth of the marine layer remained suppressed to some extent, but it was deep enough to allow trade showers to develop in windward areas of all the isles.

The April rains provided some relief to several communities, but more rainfall is needed. Most leeward locations have received only very small amounts of precipitation. For example, for the second month in a row, Kihei in leeward East Maui received no rainfall. Also, Pahala in the southeast part of the Big Island, Waianae in extreme west central Oahu, and Kaunakakai in the south central coastal area of Molokai received only 0.43 of an inch (9 percent of average), 0.23 of an inch (14 percent of average), and 0.19 of an inch (16 percent of average) for April, respectively.

Storm Data and Unusual Weather Phenomena

April 1998

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

HAWAII

The following are rainfall statistics and comparative data for selected locations around the state. The island and station name are listed with the April 1998 rainfall total. For comparison, the average rainfall for the month and percent of average are found in the following two columns. Longer term statistics are listed, with the February through April three month accumulations in column four and the three month averages and percent of average in columns five and six, respectively.

	Apr. 98	Avg.	%Avg.	3 Month	Avg./3 months	%Avg./3 months
Oahu						
Honolulu	0.54	1.50	36	0.78	5.9	13
Waianae	0.23	1.60	14	0.38	6.4	6
Hawaii Kai	0.45	2.20	20	1.49	9.3	16
Manoa						
Lyon A	12.06	13.0	93	20.46	37.6	54
Waialua	1.08	2.8	39	1.96	10.5	19
Ahuimanu (windward)	3.12	9.9	39	7.78	23.5	33
Maui						
Kahului	0.97	1.8	54	1.64	7.4	22
Hana	2.33	9.0	26	3.96	25.3	16
Kihei	0.00	1.2	0	0.09	5.5	2
Lahainaluna	0.71	1.7	42	1.16	6.8	17
Wailuku	1.44	3.0	48	5.24	13.6	39
Island of Hawaii						
Hilo	8.86	15.3	80	18.34	39.5	46
Pahala	0.43	5.0	9	0.82	17.4	5
Honaunau						
(Captain Cook)	2.12	6.1	35	4.02	14.4	28
Kamuela	14.26	6.9	207	20.10	20.8	97
Kamuela (Higher Elev.)	16.59	6.9	240	24.90	18.7	133
Laupahoehoe	14.62	18.9	77	23.72	51.6	46
Molokai						
Kaunakakai	0.19	1.2	16	1.01	5.6	18

HIZ004

Island Of Hawaii
03 1000HST **0 0** **High Wind (G50)**
2000HST

Down-sloping northeast winds occurred in the South Kohala District of the Big Island.

HIZ003>004

Maui - Island Of Hawaii
03 1800HST **0 0** **High Wind (G52)**
04 0600HST

West to northwest winds of 40 to 60 mph occurred near the summits of Haleakala, Mauna Kea and Mauna Loa.

HIZ002>004

Oahu - Maui - Island Of Hawaii
09 1500HST **0 0** **50K High Wind (G52)**
11 0200HST

Strong winds buffeted the Hawaiian Islands in the early part of the Easter weekend, especially the islands of Hawaii, Oahu and Maui. Down-sloping northeast winds gusted to 60 mph in the South Kohala District of the Big Island, to 55 mph in the Waianae area of leeward Oahu, and to 50 mph in West Maui in the vicinity of Lahaina.

The winds ripped unripe fruit from trees in the isles. One mango grower in Maui estimated that over 50 percent of his crop was damaged and put the loss at \$50 thousand. The gusty winds also knocked down nine utility poles and an overhead traffic light on Honoapiilani Highway in Lahaina and caused spotty power outages on Oahu as well.

Hawaii County

Pahala

09 1600HST **0 0** **Funnel Cloud**
A funnel cloud briefly appeared over the Kau District on the Big Island.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>HAWAII</u>									
HIZ003	Maui	13	1000HST			0	0		High Wind (G52)
			1900HST						West to northwest winds of 40 to 60 mph affected the upper slopes and summit of Haleakala.
<u>IDAHO, Extreme Southeast</u>									
									NONE REPORTED.
<u>IDAHO, North</u>									
									NONE REPORTED.
<u>IDAHO, Northwest</u>									
Boundary County	Naples	23	1822PST			0	0	0	Hail (0.75)
			3/4 inch hail						
Boundary County	Bonnors Ferry	23	1838PST			0	0	0	Hail (1.00)
			1 inch hail from sheriffs office and spotters						
Boundary County	3 N Bonnors Ferry	23	1840PST			0	0	100K	Hail (1.75)
			1 3/4 inch hail 3 miles north of Bonnors Ferry. Considerable damage to cars in the area					0	
Boundary County	Bonnors Ferry	23	1845PST			0	0	50K	Thunderstorm Wind
			wind damage power lines blown down near Kootenai river					0	
<u>IDAHO, Southeast</u>									
Fremont County	Marysville	23	1800MST			0	0	1K	Lightning
			Lightning struck a home blowing out a window, damaging inside walls and pushing nails halfway out of the sheet rock. Also, it ruined the television, telephone and VCR.						
<u>IDAHO, Southwest</u>									
Owyhee County	12 N Reynolds	04	1200MST			0	0		Urban/Sml Stream Fld
			1400MST						Heavy rains over the Owyhee Mountains caused Reynolds Creek to briefly overflow and flood a roadway in Owyhee County.
IDZ013	Boise Mountains	13	1900MST			0	0		Heavy Snow
		14	0700MST						During the night of April 13th and into the morning of April 14th, a local but persistent snow shower dumped 8 inches of snow on Idaho City in the Boise Mountains. Placerville received 6 inches. A spotter 15 miles south of Idaho City reported less than one inch.
Canyon County	6 S Caldwell	13	1900MST			0	0		Funnel Cloud
			1920MST						Funnel clouds were observed over Lake Lowell by numerous weather spotters and a local television station. The funnels did not touch down. Numerous showers were in the area at the time.
IDZ009>011	Western Lemhi County - Eastern Lemhi County - West Central Mountains	14	2000MST			0	0		Heavy Snow
		15	1000MST						During the night of April 14 moisture wrapping around a low pressure system over Utah collided with the Central Mountains of Idaho producing 3 to 6 inches of snow with local accumulations of 8 to 12 inches. In Lemhi County Baker reported 8 inches and higher elevation remote stations reported up to 12 inches of snow. Salmon received 6 inches. In the West Central Mountains, Council reported 7 inches.
Owyhee County	De Lamar	23	1430MST			0	0		Thunderstorm Wind (G60)
Ada County	6 S Kuna to 7 N Boise	23	1445MST			0	0	20K	Tstm Wind/Hail
			1518MST						

Storm Data and Unusual Weather Phenomena

April 1998

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

IDAHO, Southwest

Canyon County 6 N Melba	23	1515MST			0	0			Hail (1.75)
Boise County Horseshoe Bend to 15 S Idaho City	23	1550MST 1600MST			0	0			Tstm Wind/Hail
Elmore County Mountain Home Afb	23	1600MST			0	0			Thunderstorm Wind (G64)
Gem County Sweet	23	1600MST			0	0			Hail (1.75)
Owyhee County 4 NW Bruneau	23	1610MST 1613MST	0.5	50	0	0			Tornado (F0)

A long lived severe thunderstorm crossed into Idaho from south east Oregon and cut a path of damage from Owyhee County, through the Boise metropolitan area and into the Boise Mountains. In Owyhee County the storm produced winds which knocked down power poles. As the storm crossed into Ada County numerous reports of large hail up to golf ball size were received along with damaging winds up to 59 mph. Many trees were blown down and a greenhouse sustained heavy damage from large hail. In Canyon County and Gem County golf ball hail was reported. As the storm moved into Boise County golf ball size hail was reported by spotters in Horseshoe Bend and winds damaged a mobile home. Wind blown debris smashed a car window. A wind gust of 74 mph was reported south of Idaho City. In Elmore County, outflow winds from the thunderstorm gusted to 74 mph at Mountain Home Air Force Base. The winds damaged roofs and irrigation equipment in and around Mountain Home. In Owyhee County the gust front spawned a short lived, weak tornado which did no damage.

ILLINOIS, Central

Fulton County Monterey	07	1429CST			0	0	0	0	Hail (0.75)
Peoria County Hanna City	07	1441CST			0	0	0	0	Hail (1.25)
Morgan County Nortonville	07	1459CST			0	0	0	0	Hail (0.75)
Peoria County 3 W Hanna City	07	1501CST	0.1	10	0	0	0	0	Tornado (F0)
Cass County 7 NE Beardstown	07	1510CST 1512CST	0.3	50	0	0	0	0	Tornado (F0)
Mason County 3 SW Snicarte to 1.5 SE Snicarte	07	1520CST 1526CST	3	66	0	0	0	0	Tornado (F2)
Mason County 1 S Bath	07	1525CST			0	0	0	0	Hail (1.75)
Mason County Bath	07	1535CST 1540CST	0.3	180	0	0	0	0	Tornado (F1)

A tornado briefly touched down in a field 3 miles west of Hanna City. No injuries or damage were reported.

A tornado touched down near Clear Lake. It caused minor damage to 5 cabins and tore part of the roof off of another one. Also, numerous trees were blown down. No injuries were reported and no damage estimate was available.

A tornado touched down 3 miles southwest of Snicarte. It moved a two story frame house three feet off its foundation with its TV antenna wrapped over the top of the house. An exterior wall on the far side of the house was blown off. Some roof and siding damage also occurred with two 3 foot diameter trees next to the house uprooted. Just north of the house 3 outbuildings were destroyed as well as two grain bins. The tornado continued on a northeast track, skipping along the path tipping over some irrigation equipment, destroying another barn, and knocking over numerous large pine trees before dissipating. No injuries were reported and no damage estimate was available.

The tornado touched down on the south side of town and moved north. A frame house received damage to the middle part of the roof and an unattached garage was destroyed. The garage debris was deposited on a neighbor's roof. The tornado continued north through town, snapping off telephone poles and took half the roof off of another house. Debris from this roof was thrown half a mile and landed next to the Illinois River. Exterior walls of this house were also buckled inward up to three feet. Another unattached garage was destroyed, part of the roof of the Bath Firehouse was torn off, and numerous 3 to 4 foot diameter trees were uprooted. Several more homes and businesses sustained minor damage with siding, shingle, and fence damage before the tornado lifted and dissipated. In Bath, nine homes were severely damaged with a total of 43 homes receiving some kind of damage. No injuries were reported and no damage estimate was available.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, Central									
Sangamon County 1.5 NE New Berlin	07	1545CST			0	0	0	0	Hail (1.75)
Mason County 4 S Havana to 1 E Havana	07	1547CST 1602CST			0	0	0	0	Hail (1.75)
Sangamon County 1.5 W Cantrall to Cantrall	07	1602CST 1604CST			0	0	0	0	Hail (1.75)
Sangamon County .5 E Pawnee	07	1620CST			0	0	0	0	Hail (1.75)
Mason County Manito	07	1622CST			0	0	0	0	Hail (1.00)
Christian County 2 SW Sicily to Willeys	07	1630CST 1648CST			0	0	0	0	Hail (2.00)
Hail up to two inches in diameter was reported 2 miles southwest of Sicily, in Tovey, in Taylorville, and in Willeys as a severe thunderstorm moved across the county.									
Fulton County Vermont	07	1635CST	0.1	10	0	0	0	0	Tornado (F0)
A tornado briefly touched down in a field on the outskirts of Vermont. No injuries or damage were reported.									
Fulton County Astoria to 5 S Lewistown	07	1642CST 1649CST			0	0	0	0	Hail (0.75)
Mason County 3 SW Havana	07	1655CST	0.1	10	0	0	0	0	Tornado (F0)
A tornado briefly touched down in a field 3 miles southwest of Havana. No injuries or damage were reported.									
Fulton County 3 ESE Sepo to 3.5 ESE Sepo	07	1704CST 1706CST	1	35	0	0	0	0	Tornado (F2)
Mason County 1.5 NE Chautauqua Park to 7 NE Buzzville	07	1706CST 1720CST	10	20	0	0	0	0	Tornado (F1)
A tornado initially touched down in a farm field and overturned some irrigation equipment 3 miles east southeast of Sepo. Then it travelled to the northeast destroying a mobile home which was anchored, but the only thing left was the floor of the unit. The floor was wiped clean of all plumbing fixtures and walls with only a washing machine and water heater left on the floor. Most of the debris was deposited in the Illinois River about 50 yards away. A couple of three foot diameter trees were snapped off near the mobile home. Also, a nearby machine shed was destroyed and a motor home was rolled three times over the top of the damage and left upside down 30 feet from its original position. Just north of the mobile home, a concrete block pumping station was damaged. The roof was torn off, all of the windows broken out, and one wall was buckled. The tornado then moved across the Illinois River into Mason County. The tornado moved into the Baldwin Beach area, damaging three homes. From there the tornado, hopped and skipped along a northeasterly track, causing spotty damage to trees. The tornado finally lifted and dissipated 7 miles northeast of Buzzville in the Jake Wolf Memorial Fish Hatchery area. No injuries were reported and no damage estimate was available.									
Logan County 2.5 W Mt Pulaski	07	1705CST	0.1	10	0	0	0	0	Tornado (F0)
A tornado briefly touched down in a field 2.5 miles west of Mt. Pulaski. No injuries or damage were reported.									
Christian County 7.5 N Assumption	07	1714CST	0.1	10	0	0	0	0	Tornado (F0)
A tornado briefly touched down in a field 7.5 miles north of Assumption. No injuries or damage were reported.									
Logan County Lincoln	07	1714CST			0	0	0	0	Hail (0.75)
Fulton County Canton	07	1721CST			0	0	0	0	Hail (1.75)
Shelby County 4 E Moweaqua	07	1728CST	0.1	10	0	0	0	0	Tornado (F0)
A tornado briefly touched down in a field 4 miles east of Moweaqua. No injuries or damage were reported.									

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, Central									
Shelby County 3 E Moweaqua to 1 N Findlay	07	1728CST 1739CST			0	0	5K	0	Hail (1.75)
									Golfball sized hail fell in an area between Moweaqua and Findlay. It shredded a patio roof, shattered a windshield of a sheriff deputy's car, and dented several vehicles. Also, the hail broke out several windows on a barn 4 miles north of Findlay. No injuries were reported and damage was estimated around \$5,000.
Tazewell County Marquette Hgts	07	1730CST			0	0		0	Hail (1.75)
Moultrie County Bethany to Lovington	07	1738CST 1800CST			0	0	7M	0	Hail (2.00)
									A severe thunderstorm dropped large amounts of hail up to two inches in diameter over Moultrie County. Two police cars were damaged severely. In Bethany, many windows and windshields were smashed by the hail, as well as, considerable roof damage. No injuries were reported. Damage was estimated between 6 and 7 million dollars.
Shelby County 3 N Findlay	07	1740CST	0.1	10	0	0	0	0	Tornado (F0)
									A tornado briefly touched down in a field 3 miles north of Findlay. No injuries or damage were reported.
Peoria County 1 E Brimfield	07	1750CST			0	0		0	Thunderstorm Wind
									Thunderstorm winds blew the doors off of a barn and damaged its roof one mile east of Brimfield. No injuries were reported and no damage estimate was available.
Douglas County Arthur	07	1805CST			0	0		0	Hail (4.50)
Moultrie County 2 S Cadwell to 3 SE Cadwell	07	1808CST 1811CST	3	40	0	4	100K	0	Tornado (F2)
Douglas County 3.5 S Arthur to Bourbon	07	1811CST 1817CST	8	170	0	4		0	Tornado (F2)
									A tornado touched down 2 miles south of Cadwell and travelled to the northeast. In Moultrie County it either damaged or destroyed 9 homes, as well as, numerous barns, sheds, silos, and outbuildings. One double-wide mobile home was blown from its foundation. Four people were inside at the time. Three sustained minor injuries while one sustained serious injuries, including a broken back and leg after being thrown 200 yards by the tornado. Another home nearby was moved 3 feet off its foundation. When the tornado moved into Douglas County, it either damaged or destroyed 20 homes, 6 barns, and numerous other outbuildings. Also, 69 power poles were knocked down by the tornado in both counties. In Douglas County, 4 people sustained minor injuries, including one woman whose arm and collar bone were broken. The tornado lifted and dissipated just outside the town of Bourbon. In total, 8 people sustained injuries. In Moultrie County damage is estimated around \$100,000. There is no damage estimate available for Douglas County.
Coles County 3 N Humboldt to Humboldt	07	1814CST 1820CST			0	0		0	Hail (1.50)
Logan County Lincoln	07	1815CST			0	0		0	Hail (1.00)
Logan County 6 N Lincoln	07	1823CST	0.1	20	0	0	0	0	Tornado (F0)
									A tornado briefly touched down 6 miles north of Lincoln knocking over several large trees. No injuries were reported and damage was limited to the trees.
Douglas County 3 SE Arthur to 6 E Tuscola	07	1825CST 1845CST			0	0		0	Hail (1.75)
Douglas County 2 N Hindsboro	07	1842CST	0.2	20	0	0		0	Tornado (F0)
									A tornado briefly touched down destroying a machine shed 2 miles north of Hindsboro. No injuries were reported and no damage estimate was available.
Woodford County 2 SW Roanoke	07	1849CST			0	0		0	Hail (1.75)
McLean County 1 S Bloomington to Heyworth	07	1852CST 1905CST			0	0		0	Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, Central									
Douglas County 3 NE Hindsboro	07	1858CST	0.3	20	0	0	0	0	Tornado (F0) A tornado touched down 3 miles northeast of Hindsboro knocking down several power poles and several outbuildings. No injuries were reported and no damage estimate was available.
Douglas County 2 S Newman	07	1904CST	0.1	10	0	0	0	0	Tornado (F0) A tornado briefly touched down in a field 2 miles south of Newman. No injuries or damage were reported.
Edgar County 4 N Brocton	07	1911CST	0.2	20	0	0	0	0	Tornado (F0) A tornado briefly touched down 4 miles north of Brocton. A shed was destroyed and 7 utility poles were either bent or snapped of completely. No injuries were reported and no damage estimate was available.
Edgar County Chrisman	07	1914CST			0	0	0	0	Hail (1.75)
Edgar County Chrisman	07	1915CST	0.2	20	0	0	0	0	Tornado (F0) A tornado briefly touched down in a field near Chrisman. It tore off some metal siding and roofing from a barn on the west side of town. It then threw the debris throughout the town, causing minor damage to several homes and businesses, including breaking a few windows. No injuries were reported and no damage estimate was available.
Macon County Forsyth	07	1918CST			0	0	0	0	Hail (0.75)
Vermilion County 2 SE Sidell	07	1920CST	0.1	10	0	0	0	0	Tornado (F0) A tornado briefly touched down in a field 2 miles southeast of Sidell. No injuries or damage were reported.
De Witt County Wapella	07	1920CST			0	0	0	0	Hail (1.75)
Edgar County 2 NE Hume	07	1929CST	0.1	10	0	0	0	0	Tornado (F0) A tornado briefly touched down in a field 2 miles northeast of Hume. No injuries or damage were reported.
Vermilion County Ridge Farm	07	1936CST			0	0	0	0	Hail (1.75)
Edgar County 1 N Scotland	07	1949CST	0.2	20	0	0	0	0	Tornado (F0) A tornado briefly touched down one mile north of Scotland. It knocked down several power poles and took the roofs off of one home, 2 barns, and a machine shed. No injuries were reported and no damage estimate was available.
Effingham County Effingham	07	2005CST			0	0	0	0	Hail (1.75)
Effingham County Effingham	07	2038CST			0	0	0	0	Hail (1.75)
Douglas County Arthur	13	2032CST			0	0	0	0	Thunderstorm Wind
Moultrie County 3.5 NE Cadwell	13	2032CST			0	0	0	0	Thunderstorm Wind A severe thunderstorm moved east across Moultrie and Douglas Counties. Thunderstorm winds damaged the roof of a house and workshop, as well as, a barn and lean-to on the west side of Arthur in Moultrie County. The winds also caused minor damage to three businesses and several homes in Arthur (Douglas County). The front awning of a hotel was destroyed and the siding was damaged. A 40 foot tall gas station sign was partly knocked down and several garage doors around town were damaged. Also, a 50 foot TV tower was partially bent over. No injuries were reported and no damage estimate was available.
Clay County 3 WSW Flora to 2 NW Clay City	15	1945CST 2000CST	9.5	150	0	8	2.1M	0	Tornado (F2)
Clay County 2.5 NW Clay City to 7 NE Clay City	15	2000CST 2015CST	6.5	150	0	0	100K	0	Tornado (F2)
Richland County 4 NW Noble to 5 N Olney	15	2015CST 2025CST	9.5	100	0	0	0	0	Tornado (F0) A severe thunderstorm, which originated in eastern Missouri, travelled to the east across southern Illinois. It produced numerous tornadoes. When it moved into our county warning area, it produced two tornadoes over Clay County. The first tornado touched

Storm Data and Unusual Weather Phenomena

April 1998

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

ILLINOIS, Central

down 3 miles west southwest of Flora. As it travelled to the northeast it destroyed a set of crossing signals along a set of railroad tracks. It moved parallel to the tracks and on the west edge of Flora it blew 60 to 70 cars of a moving CSX freight train off the tracks. No injuries were reported with the train crew or anyone nearby. At this point the tornado was F2 intensity. Most of the tornado track through Flora stayed south of the railroad tracks. In this area most of the structural damage to frame houses was relatively minor with roof/siding damage the most common. A few homes totally lost roofs, garages/storage sheds were destroyed, and one unanchored mobile home was destroyed and landed about 100 feet from its foundation. Three occupants sustained minor injuries. Several vehicles in the area were damaged from falling trees and debris. The tornado briefly lifted and came down again on the east side of town. It damaged or destroyed 40 to 50 condominiums, which was due more to a result of poor construction techniques rather than wind speed. Roof structures did not survive, with the rafters only consisting of 2x4s. The tornado was rated F1 in this area. After hitting the condominium complex, the tornado caused light damage to an industrial park with power poles down and 10 businesses sustaining damage. From there the damage was light, mainly to trees. Two miles northwest of Clay City, the tornado overturned a mobile home before lifting. At about the same time, half a mile to the north of the first tornado, another tornado formed and touched down. It destroyed a mobile home (F2 intensity) and then travelled to the northeast causing spotty damage, mainly to trees. It destroyed a shed 5 miles north of Olney (Richland County) before lifting and dissipating. In total 8 people sustained minor injuries. Damage in Clay County was estimated around \$2.2 million and no damage estimate was available for Richland County.

Crawford County

Robinson

15	2042CST			0	0	0	Thunderstorm Wind
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Thunderstorm winds blew down several large trees and power lines in Robinson. No injuries were reported.

Knox County

Galesburg

15	2054CST			0	0	0	Hail (1.00)
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Tazewell County

Pekin

15	2243CST			0	0	0	Hail (1.75)
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Woodford County

5 E Roanoke

20	1530CST			0	0	0	Hail (1.75)
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Golfball sized hail broke several windows on a car 5 miles east of Roanoke. No injuries were reported and no damage estimate was available.

Mclean County

2 WSW Ellsworth to 1 NW Ellsworth

29	1558CST	3	35	0	0	35K	0	Tornado (F0)
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1602CST

A tornado touched down 2 miles west southwest of Ellsworth. It uprooted one 2 foot diameter tree and broke off two others several feet above the ground. One of the trees fell across the front porch of a house and onto a nearby shed, destroying both. A garage behind the house was destroyed with debris carried 300 yards out onto an adjacent field. Also, a few windows were blown out and some shingles were blown off of the house. As the tornado travelled north northeast, it picked up a 20 foot by 20 foot section of a tin barn roof and carried it to the west about 20 feet. From there the tornado skipped along the path with only spotty damage. A 2 foot diameter tree was broken off several feet above the base 1 mile northwest of Ellsworth before the tornado lifted and dissipated. No injuries were reported and damage was estimated around \$35,000.

Logan County

Atlanta

29	1632CST			0	0	0	Hail (1.00)
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Mclean County

Mc Lean

29	1641CST			0	0	0	Hail (1.75)
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Logan County

Lincoln

29	1640CST			0	0	1M	500K	Flash Flood
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30 2359CST

Mclean County

Ellsworth to Downs

29	1700CST			0	0			Flash Flood
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30 1100CST

A series of thunderstorms developed over Logan and Mclean Counties...mainly along I-55. The Weather Service office in Lincoln recorded 4 inches of rain in 3 hours. Various other sites recorded between 2 to 3 inches in a short amount of time that evening. The heavy rain was rather localized and areas most affected by the flash flooding were between Lincoln and Ellsworth. In Logan County, over a thousand buildings sustained some kind of water damage with 150 homes having between 6 inches and 4 feet of water in their homes or basements. Fifteen businesses sustained extensive damage. In McLean County, the flash flooding was less damaging with a few areas reporting water in basements, mainly from backed up storm drains. Numerous roads in Logan County were closed due to high water and in McLean County a quarter mile stretch of Hwy 9 was closed for a time due to the flood waters. Early on the 30th, firemen had to rescue a drunk man from a tree as flood waters surrounded him. The man had driven around barricades and into the flood waters on the north side of Lincoln, which caused his truck to stall. He was uninjured in the incident. Damage in Logan County was estimated around \$1.5 million and no damage estimate was available from McLean County.

Shelby County

2 N Yantisville

30	1530CST	0.2	20	0	0	0	0	Tornado (F0)
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Storm Data and Unusual Weather Phenomena

April 1998

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

ILLINOIS, Central

A tornado briefly touched down in a field 2 miles north of Yantisville. No injuries or damage were reported.

Macon County

4 E Macon

30 1547CST 0.1 10 0 0 0 0 **Tornado (F0)**

A tornado briefly touched down in a field 4 miles east of Macon. No injuries or damage were reported.

ILLINOIS, Northeast

Ford County

Melvin to
Roberts

07 1950CST
2110CST 0 0 **Hail (0.88)**

Strong thunderstorms produced nickel-sized hail.

La Salle County

Tonica to
Peru

20 1715CST
1735CST 0 0 **Hail (0.75)**

ILLINOIS, Northwest

Hancock County

3 W Elvaston

07 1545CST 0 0 0.50K **Thunderstorm Wind**

Warren County

3 NW Larchland

07 1619CST 0 0 **Hail (0.75)**

Warren County

3 S Monmouth

07 1631CST 0.1 1 0 0 0 **Tornado (F0)**

Warren County

Monmouth

07 1642CST 0.1 1 0 0 0 **Tornado (F0)**

Warren County

1 W Monmouth

07 1652CST 0.5 1.2 0 0 8K **Tornado (F1)**

Warren County

1 NE Monmouth

07 1702CST 0.1 1 0 0 3K **Tornado (F1)**

Warren County

Gerlaw

07 1713CST 0.1 1 0 0 0.20K **Tornado (F0)**

A warm front pushed strong thunderstorms across West Central Illinois generating tornadoes, hail, brief heavy rain, and strong winds across Hancock and Warren counties. A shed was destroyed by thunderstorm winds in Hancock county. Around Monmouth numerous farm buildings were damaged or destroyed including a 4000 bushel grain bin and two hog sleeper sheds. At Gerlaw a brief tornado caused damage to a cemetery.

Rock Island County

East Moline

15 1445CST 0 0 **Hail (1.00)**

Henry County

2 S Hooppole

15 1450CST 0.1 1 0 0 0.10K **Tornado (F0)**

Mercer County

1 W Viola

15 1600CST 0.1 1 0 0 **Tornado (F0)**

Strong thunderstorms pushed across western Illinois producing hail, 2 brief tornadoes and numerous funnel cloud reports. A tornado south of Hooppole did minor damage to a corn field while no damage was reported with the tornado west of Viola..

Mcdonough County

2 NW Colchester to
1 W Tennessee

15 1948CST
1955CST 0 0 **Hail (1.00)**

Heavy rain and hail from 3/4 to 1 inch in diameter fell over open farm land. No damage was reported.

Warren County

Swan Creek

15 2025CST 0 0 **Hail (0.75)**

ILLINOIS, South

ILZ087-090>094

Gallatin - Pope - Hardin - Alexander - Pulaski - Massac

01 0001CST 0 0 **Flood**
30 2359CST

The Ohio River crested 8 to 10 feet above flood stage at some locations, causing moderate agricultural bottomland flooding. Some roads near the river were flooded, and parts of Fort Massac State Park were underwater. The river crested at 51.3 feet at Cairo, where flood stage is 40 feet. At Shawneetown, where flood stage is 33 feet, the river crested at 41.9 feet. Minor flooding occurred in the Hall Town area near Golconda, where the river crested at 42.7 feet. Flood stage there is 40 feet.

ILZ081-084

Franklin - Jackson

01 0001CST 0 0 **Flood**
30 2359CST

The Big Muddy River remained above flood stage all month at Murphysboro. It crested there at 27.8 feet on the 20th. Flood stage is

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, South									
ILZ084-088-092									
			16 feet. At Plumfield, the river crested at 25.5 feet on the 18th. Flood stage at Plumfield is 20 feet. Some houses near the river in the Murphysboro area were affected by minor flooding. Most of the flooding damaged agricultural bottomlands and roads near the river.						
			Jackson - Union - Alexander						
	04	0400CST			0	0			Flood
	30	2359CST							
			The Mississippi River crested at 38.3 feet at Thebes on the 20th. Flood stage there is 33 feet. Moderate flooding of lowland agricultural areas occurred, and some roads were inundated. This forced some school busses to be rerouted around flooded areas.						
Massac County									
Brookport	08	1745CST			0	0	3K		Thunderstorm Wind (G52)
			Trees were snapped.						
Massac County									
3 E Metropolis to	08	1752CST			0	0			Funnel Cloud
4 NE Metropolis		1755CST							
			A supercell thunderstorm that passed through McCracken County, Kentucky crossed the Ohio River near Fort Massac State Park. The funnel cloud was well documented by storm chasers, who observed it halfway to the ground before it dissipated.						
Hardin County									
Rosiclare	08	1808CST			0	0			Hail (1.00)
Perry County									
Cutler to	13	1912CST			0	0			Hail (0.75)
Denmark									
Franklin County									
Christopher to	13	1934CST			0	0			Hail (0.75)
Buckner									
Alexander County									
1 N Urbandale to	13	1956CST			0	0			Hail (0.88)
1 NNE Urbandale									
Pulaski County									
2 SW Mound City	13	1956CST			0	0			Hail (0.88)
			Nickel size hail occurred near the Alexander County line.						
Johnson County									
2 SW Cypress to	13	2009CST	1	40	0	1	60K		Tornado (F1)
1 S Cypress		2011CST							
			A short-lived tornado began along the Union County line, just southwest of Cypress, and tracked east along a rural road before dissipating at State Route 37. A small barn, about 150 square feet in area, was blown across the road. Some pieces of wood were stuck in the ground at an angle up to 200 feet away. One house sustained siding damage. Another house had a portion of its roof lifted up and placed back down again. A bedroom in the house was damaged. In addition, very minor damage occurred to a greenhouse, an abandoned house, and a couple of mobile homes. Trees, power lines, and power poles were down along the path of the tornado. Large trees, two feet in diameter, were blown down in between two mobile homes. Along Route 37, six power poles were snapped off about two feet above the ground. A female motorist was injured when her moving vehicle was struck by a falling tree. She was treated and released from a local hospital for minor injuries. Just north of Cypress, several large trees were down, but this damage was likely due to straight-line thunderstorm winds.						
Massac County									
1 N Metropolis	13	2022CST			0	0			Hail (1.00)
Perry County									
4 NW Swanwick	15	1732CST	1	50	0	0			Tornado (F0)
			A funnel cloud briefly touched down in farm fields. The weak, short-lived tornado was videotaped by a storm chaser.						
Perry County									
3 NW Swanwick	15	1751CST			0	0			Hail (1.75)
Jefferson County									
.5 NW Cravat to	15	1843CST	5	250	0	1	400K		Tornado (F2)
4.5 NE Cravat		1849CST							
			Six houses sustained major damage in Cravat. One house was moved about 10 feet off of its foundation with the back portion of the house destroyed. One truck and some farm machinery were tossed 50 feet. Several small barns and outbuildings were destroyed. A truck driver sustained broken ribs when his tractor trailer was lifted up by the tornado. The trailer was lifted up into a vertical position before being set back down and rolling over. Several mobile homes were overturned.						
Jackson County									
Murphysboro	15	2020CST			0	0	15K		Thunderstorm Wind (G60)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, South									
									Thunderstorm winds overturned a camping trailer onto a truck. A storage shed and TV tower were damaged at the same residence.
Jackson County 2 W De Soto to 1.7 W De Soto	15	2036CST	0.3	30	0	0	0		Tornado (F0)
									A weak short-lived tornado was observed by storm spotters. The tornado apparently did little or no damage.
Franklin County Royalton	15	2040CST			0	0	80K		Thunderstorm Wind (G65)
									Approximately 40 homes suffered primarily minor damage in Royalton, with one business losing its roof. One home was severely damaged when a large tree fell on it. The nearly universal south southeast pattern of damage favored damage associated with a downburst. The area of damage was roughly one half mile by one half mile, although trees were down at scattered locations across southwest Franklin County. A car was flattened by a falling tree, and power lines were brought down by tree limbs.
Jackson County Countywide	15	2100CST 2230CST			0	0	30K		Flash Flood
									Thunderstorms moved over the county for over two hours, causing excessive rainfall amounts from 3.5 to 5 inches from Murphysboro north.
Jackson County Ava to Vergennes	15	2115CST			0	0			Thunderstorm Wind (G52)
									Trees were blown down.
Williamson County Countywide	15 16	2130CST 0300CST			0	0	40K		Flash Flood
									Strong to severe thunderstorms repeatedly moved across the county. One inch of rain was measured at Hurst within 45 minutes. A school in Marion sustained minor damage when water seeped into the hallways. Marion fire crews closed several city streets after cars became stranded.
Franklin County Countywide	15 16	2130CST 0300CST			0	0	10K		Flash Flood
									Strong to severe thunderstorms repeatedly moved over the county. Many streets were flooded in Buckner and in West Frankfort. Some motorists were stranded in floodwaters in West Frankfort. Volunteers put sandbags around a nursing home in West Frankfort to reduce the flooding threat.
Jackson County 1.5 NW (Mdh)Crbandl/Mrfysbro to 1 N (Mdh)Crbandl/Mrfysbro	15	2134CST	0.4	30	0	0	0		Tornado (F0)
									Illinois State Police reported a brief tornado touchdown near the Southern Illinois Airport between Murphysboro and Carbondale. There was no apparent damage.
Wabash County Mt Carmel	15 16	2200CST 0100CST			0	0	10K		Urban/Sml Stream Fld
									Thunderstorms produced heavy rainfall amounts that caused many streets in Mt. Carmel to flood. A few streets remained under water for more than 12 hours. Several cars were stranded. Outside the city, some county roads were under water. Rainfall in Mt. Carmel was 3.65 inches for the evening of the 15th.
White County Countywide	15 16	2200CST 0130CST			0	0	20K		Flash Flood
									Thunderstorms persisted over much of the county for several hours, producing 4.12 inches of rain at Carmi. For several hours, U.S. Route 45 was impassable north of Enfield due to flooding. Two tractor trailers ended up in a ditch, but no injuries were reported.
Hamilton County Mc Leansboro	15 16	2220CST 0100CST			0	0	10K		Flash Flood
									Thunderstorms with very heavy rain flooded numerous roads, including Routes 142, 242, and a viaduct along Route 14 in McLeansboro. Illinois Route 142 was closed near Broughton for several hours. Several residents had to be rescued from their homes by emergency personnel because of flooding.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
ILLINOIS, South									
Edwards County									
Countywide	15	2230CST			0	0	10K		Flash Flood
	16	0100CST							
	Thunderstorms with very heavy rain flooded numerous roads, including Route 130.								
Wabash County									
Countywide	15	2230CST			0	0	10K		Flash Flood
	16	0100CST							
	Thunderstorms with very heavy rain flooded numerous roads.								
Jackson County									
North Portion	15	2250CST			0	0	20K		Flash Flood
	16	0100CST							
	Thunderstorms produced a total of 3 to 5 inches of rain during the evening. Major road flooding occurred. As a result of high water flowing across roadways, U.S. 51 was closed from Elkhart to Dowell, Illinois 127 was closed near Vergennes, and Route 4 was closed near Ava. Portions of county roads in those areas were nearly impassable due to standing water. Dozens of motorists were stranded, but no injuries were reported.								
ILLINOIS, Southwest									
Macoupin County									
Girard	07	1600CST			0	0			Hail (0.75)
	The local newspaper reported 3/4 inch hail fell in Girard.								
Adams County									
Burton	13	1415CST			0	0			Hail (1.00)
Adams County									
Quincy	13	1415CST			0	0			Hail (0.75)
	Spotters reported 1 inch hail in Burton and 3/4 inch hail in Quincy.								
Pike County									
Perry	13	1520CST			0	0			Hail (1.00)
	1 inch hail was reported in Perry.								
Madison County									
Granite City to Edwardsville	13	1705CST 1715CST	9.5	75	0	0	800K		Tornado (F1)
	The same thunderstorm that produced a tornado in St. Louis County produced another in Madison County from Granite City to Edwardsville. The tornado first caused damage on the northwest side of Granite City at the Nameoki Trailer Park where 5 mobile homes were damaged by downed trees. The tornado moved northeast to Pontoon Beach where about 6 homes suffered roof damage. The tornado weakened, but gained strength again and caused damage on the south side of Edwardsville, primarily at the intersection of Center Grove, Goshen, and Troy roads. Several businesses suffered roof damage in this area, among them a floor covering store, an autobody shop, and the Moose Lodge. A nearby daycare also suffered minor roof damage.								
St. Clair County									
Millstadt	13	1725CST			0	0			Hail (1.00)
	1 inch hail was reported in Millstadt.								
St. Clair County									
Belleville	13	1735CST			0	0			Hail (0.75)
St. Clair County									
Freeburg	13	1735CST			0	0			Hail (0.75)
	Severe storm spotters reported 3/4 inch hail in Belleville and Freeburg.								
Randolph County									
Prairie Du Rocher	13	1810CST			0	0			Hail (0.75)
Randolph County									
Ruma	13	1815CST			0	0			Hail (0.75)
	Severe storm spotters reported 3/4 inch hail along Highway 155 from Prairie du Rocher to Ruma.								
Macoupin County									
Girard	13	1830CST			0	0	20K		Thunderstorm Wind (G68)
	Emergency Management officials reported a microburst with winds at least around 80 mph caused damage in a 6 to 8 block area of Girard. Power lines were downed, swing sets toppled, and fallen trees and limbs caused damage to several homes and an auto.								
Washington County									
Okawville	13	1835CST			0	0			Hail (0.88)
	A severe storm spotter reported nickel size hail.								
Randolph County									
Steeleville	13	1846CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
ILLINOIS, Southwest									
Randolph County Steeleville	13	1853CST			0	0			Hail (1.00)
									The Illinois State Police reported 3/4 inch hail in Steeleville. A short time later emergency management personnel reported 1 inch hail covering the ground.
Monroe County Maeystown	15	1630CST			0	0			Hail (1.50)
Monroe County Burksville	15	1635CST			0	0			Hail (0.75)
									County sheriff reported hail up to dollar size from Maeystown to Burksville.
Monroe County Renault	15	1630CST			0	0			Hail (1.50)
									Dollar size hail was reported in Renault.
Monroe County 10 SSE Waterloo	15	1647CST 1648CST	0.1	50	0	0			Tornado (F0)
									Severe storm spotters reported a brief tornado in open country south of Waterloo.
Randolph County Red Bud	15	1648CST			0	0			Hail (1.75)
									Spotters reported golfball size hail.
Monroe County Hecker	15	1650CST			0	0			Hail (1.00)
									1 inch hail covered the ground in Hecker.
St. Clair County Marissa	15	1703CST 1712CST			0	0			Hail (1.75)
									Golfball size hail fell for several minutes in Marissa.
Randolph County Baldwin	15	1707CST			0	0			Hail (2.50)
									Tennis ball size hail was reported around Baldwin.
St. Clair County Marissa	15	1712CST	0.2	10	0	0			Tornado (F0)
									The Marissa Fire Chief reported a small tornado near the fire station. Damage consisted of a few downed trees, the bleachers at a baseball field were destroyed, and a trash dumpster was blown into the side of a building breaking some bricks.
Washington County 15 SW Nashville	15	1732CST 1733CST	0.2	20	0	0			Tornado (F0)
									Severe storm spotters reported a brief tornado in open country. There was no damage.
Randolph County Coulterville	15	1746CST			0	0			Hail (1.75)
									Spotters reported golfball size hail.
Monroe County 6 SE Waterloo to Hecker	15	1805CST 1815CST	6	25	0	0	10K		Tornado (F0)
St. Clair County 7 S Smithton to Fayetteville	15	1815CST 1825CST	9	50	0	0			Tornado (F0)
									A small tornado initially touched down southeast of Waterloo and then moved northeast leaving an intermittent damage path, which primarily consisted of downed trees. A parked ambulance was overturned at the intersection of Highways 159 and 156 near Hecker. The tornado moved along the Kaskaskia River downing trees finally dissipating near Fayetteville.
Washington County 15 SW Nashville	15	1809CST			0	0			Hail (0.75)
									3/4 inch hail was reported southwest of Nashville.
Madison County Highland	15	1816CST			0	0			Hail (0.75)
									Spotters reported 3/4 inch hail.
St. Clair County Freeburg	15	1820CST 1825CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 1998

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

ILLINOIS, Southwest

Spotters reported golfball size hail fell for several minutes.

Washington County
Richview

15 1824CST 0 0 **Hail (0.75)**

County sheriff reported 3/4 inch hail

Washington County
1 S Hoyleton to
2 E Hoyleton

15 1830CST 2 50 0 0 **20K** **Tornado (F1)**
1840CST

A small tornado destroyed a barn, a couple of other farm buildings, and downed trees in the Hoyleton area.

Adams County
Quincy

15 1835CST 0 0 **Hail (1.75)**
1840CST

Hail up to golfball size fell in Quincy.

Adams County
10 NE Quincy

15 1840CST 0 0 **Hail (0.75)**

3/4 inch hail was reported northeast of Quincy.

Marion County
.2 NW Walnut Hill to
.7 N Walnut Hill

15 1849CST 0.5 350 0 0 **50K** **Tornado (F2)**
1850CST

A tornado which formed in Jefferson County near Cravat moved northeast into Marion County at Walnut Hill. Witnesses who saw the tornado noted a twin structure; two vortices very close to one another. Three homes suffered exterior wall or roof damage while five barns/farm implement buildings were destroyed. Trees were also uprooted.

Marion County
1.2 NE Walnut Hill to
9 E Centralia

15 1852CST 4 300 0 0 **Tornado (F2)**
1900CST

The thunderstorm which spawned the tornado from Cravat to Walnut Hill produced another twin/multiple vortex tornado from just northeast of Walnut Hill to the intersection of Interstate 57 and Illinois Route 161. The tornado moved through a heavily wooded area and destroyed several barns/farm implement buildings, one mobile home, and damaged several homes. The tornado narrowed in width, losing its twin characteristics as it approached the intersection of Interstate 57 and State Route 161. Six homes were damaged, one mobile home destroyed, and eleven barn/farm implement buildings were either damaged or completely destroyed. Two tractor trailers were overturned by the tornado near the intersection of I-57/161.

Marion County
3 SW Cartter to
3 SE Iuka

15 1905CST 9 250 0 0 **Tornado (F1)**
1920CST

The Cravat/Walnut Hill supercell thunderstorm produced a third tornado, this one starting southwest of Cartter near the intersection of Highways 37 and 161. One mobile home was destroyed, 18 barns/farm implement buildings were damaged or destroyed, and 8 homes suffered varying degrees of damage. Acres of trees were also uprooted/damaged along the path.

Macoupin County
Brighton

29 1755CST 0 0 **Hail (0.75)**

Amateur radio spotters reported 3/4 inch hail.

Macoupin County
Brighton

29 1822CST 0 0 **Hail (0.75)**

Amateur radio spotters reported 3/4 inch hail.

Macoupin County
Brighton

29 1830CST 0 0 **Urban/Sml Stream Fld**
2030CST

Madison County
Godfrey

29 1830CST 0 0 **Urban/Sml Stream Fld**
2030CST

Rainfall of 2-4 inches fell from 6 pm to 8 pm across parts of Macoupin and Madison counties causing local flooding. Highway 67 in Brighton was under water for a time, as were several roads and streets in Godfrey. One creek overflowed in Godfrey when debris blocked a bridge under Davis Lane.

INDIANA, Central

INZ028>029-035-
043>044-051-060-067

Warren - Tippecanoe - Fountain - Vermillion - Parke - Vigo - Sullivan - Knox

01 0000EST 0 0 **Flood**
10 0700EST

The Wabash continued in flood which began in mid-March. Minor rainfalls in early April only slowed the fall of the river. Renewed heavy rains after the 1st week of April brought the river above flood stage again and will reported here.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
INDIANA, Central									
Putnam County									
Cloverdale	07	1830EST			0	0			Hail (1.00)
Putnam County									
Putnamville	07	1855EST			0	0			Hail (1.00)
Hendricks County									
Belleville	07	1920EST			0	0			Hail (1.75)
Hendricks County									
Plainfield	07	1937EST			0	0			Hail (1.75)
Marion County									
Clermont	07	1957EST			0	0			Hail (0.75)
Hendricks County									
Avon	07	2000EST			0	0			Hail (1.00)
Marion County									
Traders Pt	07	2030EST			0	0			Hail (0.75)
Vermillion County									
1 NW Dana	07	2033EST 2034EST	0.1	75	0	0	25K		Tornado (F0)
									Small weak tornado touched down briefly and destroyed a pole barn.
Marion County									
Indianapolis	07	2035EST			0	0			Hail (0.75)
Vermillion County									
Newport	07	2058EST			0	0			Hail (2.75)
Fountain County									
Kingman	07	2120EST			0	0			Hail (0.75)
Montgomery County									
Alamo	07	2140EST			0	0			Hail (1.75)
Montgomery County									
Crawfordsville	07	2145EST			0	0			Hail (1.75)
Montgomery County									
6.5 SW Crawfordsville to 5.3 SW Crawfordsville	07	2145EST 2149EST	1.2	100	0	0	30K		Tornado (F1)
									Tornado touched down at CR 700S 1.8 miles west of SR47. Garage and Pole barn destroyed; barn roof damaged; trees downed
Montgomery County									
Waveland Shades Arpt	07	2157EST 2159EST			0	0			Thunderstorm Wind (G61)
Montgomery County									
6 SW Crawfordsville	07	2230EST 2235EST			0	0	10K		Thunderstorm Wind
									Thunderstorm winds damaged a garage.
Boone County									
7 NE Lebanon	07	2300EST 2302EST			0	0			Hail (1.75)
Jackson County									
3 NE Medora	08	1959EST 2000EST			0	0			Hail (1.75)
Shelby County									
Shelbyville	08	2024EST 2025EST			0	0			Hail (1.00)
INZ028>029-035- 039>041-043>044-047- 051-053>056-060>061- 064-067-071									
	09 24	1300EST 1300EST			0	0			Flood
									Several inches of rain over a large part of Indiana from the 7th through the 9th brought already high river and stream levels above bankful. Flooding occurred along the Wabash River, White River, East Fork White River, Blue River, Sugar Creek in Johnson County, Wildcat and Deer Creeks in North central Indiana, and most other rivers and streams in northern Indiana. Start and end

Storm Data and Unusual Weather Phenomena

April 1998

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

INDIANA, Central

times for each county are estimates.

Delaware County									
Muncie	09 11	2200EST 0700EST			0	0			Flood

Randolph County									
Winchester	09 11	2200EST 0700EST			0	0			Flood

Heavy rains of 1 to 2 inches brought local streams and the Mississinewa River out of their banks and caused flooding of farm fields before the planting season. This was NOT a Flash Flood event.

Lawrence County									
Countywide	15 16	0045EST 0400EST			0	0			Flash Flood

Jackson County									
Countywide	15 16	2130EST 0430EST			0	0			Flash Flood

Bartholomew County									
Countywide	15 16	2135EST 0430EST			0	0	10K		Flash Flood

Jennings County									
Countywide	15 16	2230EST 0500EST			0	0			Flash Flood

Decatur County									
Countywide	15 16	2250EST 0500EST			0	0			Flash Flood

Severe thunderstorms producing 3 to 6 inches of rain in about a 6 hour period produced widespread flooding across these counties with water levels at their highest in 30 years in parts of Jennings County. Roads were flooded, bridges and culverts were damaged, and several motorists and homeowners had to be rescued from high water. i

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Putnam County									
Cloverdale	15	1455EST			0	0			Hail (1.75)

Putnam County									
Cloverdale	15	1455EST			0	0			Hail (1.75)

Greene County									
5 S Bloomfield	15	1938EST			0	0			Hail (0.75)

Knox County									
Countywide	15 16	2140EST 0500EST			0	0	15K		Flash Flood

Brown County									
Countywide	15 16	2230EST 0400EST			0	0	10K		Flash Flood

Greene County									
Countywide	15 16	2230EST 0400EST			0	0	15K		Flash Flood

Martin County									
Countywide	15 16	2230EST 0500EST			0	0	15K		Flash Flood

Monroe County									
Countywide	15 16	2230EST 0300EST			0	0	10K		Flash Flood

Daviess County									
Countywide	15 16	2242EST 0400EST			0	0	20K		Flash Flood

Severe thunderstorms producing anywhere from 3 to 6 inches of rain over about a six hour period caused major flooding across all parts of the counties listed above. Most roads were under water for a period of time. Some evacuations were required in Martin County and along Kelso Creek in Knox County. Numerous cars were also stranded in high water while some bridges and culverts were washed out.

Storm Data and Unusual Weather Phenomena

April 1998

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

Lawrence County 2 SE Mitchell	15	2145EST 2148EST			0 0	10K	Thunderstorm Wind
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Thunderstorm winds caused damage to a barn and the roof of a garage.

INZ053-061-067>068-070>071 Owen - Greene - Knox - Daviess - Lawrence - Jackson

	16 27	0000EST 1200EST			0 0	60K	Flood
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Widespread rainfall of 3 to 6 inches during severe thunderstorms which produced flash flooding in these counties also ended up causing longer term river flooding. Many rivers reached levels 2 to 7 feet over flood stage and remained above bankful for anywhere from one to eleven days. Some residences were impacted but this did cause widespread flooding of uncultivated agricultural lands.

Daviess County 5 SE Washington	16	0130EST 0132EST			0 1	5K	Thunderstorm Wind
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Thunderstorms brought down trees and power lines in Glendale Wildlife Area. Tree fell on camper causing slight injury.

Shelby County Middletown	22	1718EST 1720EST			0 0		Hail (1.75)
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Shelby County Marietta	22	1805EST 1807EST			0 0	5K	Thunderstorm Wind
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Thunderstorm winds blew down trees and power lines.

Marion County Indianapolis	30	2030EST 2200EST			0 0		Urban/Sml Stream Fld
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One to two inches rainfall in several hours caused street flooding in downtown Indianapolis.

INDIANA, Northeast

Marshall County Plymouth	01	1011EST 1100EST			0 0	1K	Thunderstorm Wind
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Semi trailer blown over on US-30. Semi trailer also blown over south of Plymouth on US-31.

Elkhart County Wakarusa to Goshen	01	1033EST			0 0	0.50K	Thunderstorm Wind
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Power lines down near Wakarusa. Trees down 4 miles WSW of Goshen and 3-8 miles NE of Goshen.

Elkhart County (Gsh)Goshen Arpt	01	1042EST			0 0		Thunderstorm Wind (G51)
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Goshen Airport ASOS report

Elkhart County New Paris	01	1049EST			0 0	0.20K	Thunderstorm Wind
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Trees down 4 miles SSW of New Paris.

Steuben County Fremont	01	1220EST			0 0	1K	Thunderstorm Wind
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Power lines and trees down in northern Steuben County south of Fremont and north of Snow Lake.

Adams County Preble to Decatur	08	0110EST			0 0		Thunderstorm Wind (G51)
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Limbs down and some power lines down from near Peterson and Preble to Decatur.

Jay County Redkey to Como	16	1508EST 1515EST			0 0		Hail (1.75)
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Golfball size hail was reported at Redkey by State Police and at Como by an ambulance driver

INDIANA, Northwest

NONE REPORTED.

INDIANA, South Central

Orange County Paoli	08	0700EST			0 0		Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
INDIANA, South Central									
Orange County Orleans	08	0730EST			0	0			Hail (0.75)
									Dispatch reported dime size hail at Paoli and later Orleans.
INZ079		Jefferson			0	0			Flood
	16	0900EST							
	17	0500EST							Heavy rain caused minor flooding along the Muscatatuck River at Deputy. The river crested at 15.1 feet (flood stage is 20 feet) at 4 pm est on April 16. The flooding caused a few counties roads to be water covered.
INZ089		Perry			0	0			Flood
	24	1100EST							
	26	0400EST							The Ohio River at Tell City, Indiana had minor flooding along low lying areas and agricultural bottomland. The river crested at 39.4 feet (flood stage is 38 feet) at 4 pm est on April 25.
INDIANA, Southeast									
Dearborn County 2 N Dillsboro	08	0100EST			0	0			Hail (0.75)
Ohio County Rising Sun	08	0130EST			0	0			Hail (1.00)
Dearborn County Lawrenceburg	08	0300EST 0330EST			0	0			Flood
									Heavy rainfall caused water to flood across US Rte 50,
Wayne County Hagerstown	08	2058EST 2100EST			0	0			Hail (1.75)
Wayne County Countywide	09	1400EST 1505EST			0	0			Flood
									Heavy rainfall caused many roads to be closed due to flooding.
INZ058		Fayette			0	0			Flood
	09	1700EST							
	10	1800EST							The West Fork of the Whitewater River at Alpine rose to a crest of 14.7 feet around 600 am EST on the 10th. Flood stage is 12. 0 feet. The flooding was limited to low-lying agricultural areas in southern Fayette county.
Ripley County Countywide	16	0023EST 0900EST			0	0			Flash Flood
									Persistent heavy rainfall caused numerous roads to be closed and a few were washed out.
Dearborn County Countywide	16	0025EST 0900EST			0	0			Flash Flood
									Heavy rainfall caused area creeks and streams to rise out of their banks.
Franklin County Countywide	16	0030EST 0900EST			0	0			Flash Flood
									Numerous roads were flooded by persistent heavy rainfall.
Switzerland County Countywide	16	0415EST 0900EST			0	0			Flood
									Heavy rainfall caused numerous roads to be closed.
Ohio County Countywide	16	0500EST 0900EST			0	0			Flood
									Roads were closed due to heavy rainfall.

A warm frontal boundary provided the focus for thunderstorms to move over the same locations for much of the overnight hours. Much of southeastern Indiana received 3-5 inches of rain in 6-8 hours causing serious flooding.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
INDIANA, Southeast									
INZ058-066									
		Fayette - Franklin							
	16	0600EST			0	0			Flood
	17	0000EST							
	Heavy rainfall caused the Whitewater River to overflow its banks in Southeastern Indiana. At Alpine in Fayette county, the river crested at 12.4 feet around 900 pm EST on the 16th. Flood stage is 12.0 feet. At Brookville in Franklin county, the river crested at 17.1 feet around 200 pm EST on the 16th. Flooding was limited to low-lying agricultural areas near the river in southern Fayette county and near West Harrison in Franklin county.								
Franklin County									
Brookville	16	1645EST			0	0			Hail (0.75)
INDIANA, Southwest									
Pike County									
4 S Petersburg to 4 SSE Petersburg	07	2051CST 2053CST	0.5	40	0	0			Tornado (F0)
	A weak, short-lived tornado was confirmed by law enforcement personnel near the intersection of State Routes 56 and 61. The tornado apparently occurred in open fields and caused no reported damage.								
Pike County									
Otwell	07	2306CST			0	0			Hail (0.75)
Spencer County									
St Meinrad	08	1725CST			0	0			Hail (1.75)
Posey County									
Mt Vernon	08	1830CST			0	0			Funnel Cloud
	Local law enforcement reported a funnel cloud in the vicinity of Mt. Vernon.								
Vanderburgh County									
3 S St Joseph	08	1840CST			0	0			Funnel Cloud
	The funnel cloud was observed just west of Route 65, heading northeast.								
Pike County									
4 NW Otwell to 4 N Otwell	15	2315CST 2320CST	4	50	0	0	500K		Tornado (F2)
	The tornado destroyed two large barns and five or six smaller outbuildings. Significant damage occurred to two farm houses. Several trees and power poles were snapped off. Some two-by-fours and a large saw blade were embedded in homes.								
Posey County									
North Portion	15	2340CST			0	0	10K		Flash Flood
	16	0130CST							
	Thunderstorms with very heavy rain resulted in some water over roads in northern Posey County.								
Vanderburgh County									
North Portion	15	2340CST			0	0	5K		Flash Flood
	17	0100CST							
	Thunderstorms with very heavy rain caused some road flooding. Vanderburgh County officials reported water problems in low spots of Interstate 64.								
Spencer County									
Countywide	16	0040CST 0300CST			0	0	10K		Flash Flood
	Thunderstorms produced very heavy rainfall rates across the county. Radar indicated in excess of an inch of rain per hour.								
Warrick County									
Countywide	16	0040CST 0200CST			0	0	10K		Flash Flood
	Thunderstorms produced very heavy rainfall rates across the county. Radar estimated in excess of an inch per hour.								
INZ085									
		Posey							
	16	0400CST			0	0			Flood
	28	1100CST							
	The Wabash River crested at 17.8 feet at New Harmony on the 21st. Flood stage is 15 feet. Minor flooding of low agricultural bottomlands occurred.								
INZ085-087>088									
		Posey - Warrick - Spencer							
	18	0300CST			0	0			Flood
	30	2359CST							
	The Ohio River crested around 4 feet above flood stage along the southwest Indiana shore. The crest at Newburgh was 42.4 feet on the 26th. Flood stage there is 38 feet. The crest was 39.7 feet at Mount Vernon, where flood stage is 35 feet. Slim Island near Mount Vernon was covered by water. At Newburgh, water completely inundated the land lying between the Ohio and Green Rivers and for several miles upstream of the confluence. Moderate flooding of agricultural bottomland occurred. Some roads near the river were								

Storm Data and Unusual Weather Phenomena

April 1998

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

INDIANA, Southwest

affected.

Gibson County 2 S Princeton	30	1630CST 1730CST			0	0			Urban/Sml Stream Fld
Thunderstorms caused some road flooding, mainly to the south and west of Princeton. Water was over part of Highway 168 south of Princeton.									

Spencer County Grandview	30	1930CST 2030CST			0	0			Urban/Sml Stream Fld
Thunderstorms with very heavy rain resulted in several roads becoming water covered. Some vehicles were in need of assistance.									

IOWA, Central

Greene County 3 N Churdan	06	1715CST	0.2	25	0	0			Tornado (F0)
Webster County 4 NE Gowrie	06	1753CST			0	0	0.50K		Hail (0.75)
Boone County Boxholm	06	1754CST			0	0	5K		Hail (1.75)
Webster County 1 S Dayton	06	1755CST	0.1	25	0	0	0.20K		Tornado (F0)
Calhoun County Rockwell City	06	1800CST 2240CST			0	0	50K		Urban/Sml Stream Fld
Carroll County Carroll	06	1800CST 2240CST			0	0	50K		Urban/Sml Stream Fld
Crawford County Denison	06	1800CST 2240CST			0	0	100K		Urban/Sml Stream Fld
Greene County Jefferson	06	1800CST 2240CST			0	0	50K		Urban/Sml Stream Fld
Greene County 2 N Scranton	06	1800CST	0.2	25	0	0	0.20K		Tornado (F0)
Hamilton County Webster City	06	1800CST 2240CST			0	0	50K		Urban/Sml Stream Fld
Webster County Ft Dodge	06	1800CST 2240CST			0	0	150K		Urban/Sml Stream Fld
Webster County Dayton	06	1835CST			0	0	10K		Hail (1.75)
Webster County 2 E Dayton	06	1844CST			0	0	0.50K		Hail (0.75)
Webster County Dayton	06	1845CST			0	0	1K		Hail (0.75)
Greene County 10 W Jefferson	06	1846CST			0	0	0.50K		Hail (0.75)

A southeast flow of moist air was in place over Iowa. This flow brought moisture north with surface dew point temperatures rising into the low to mid 50s. Lapse rates were steep with the freezing level only around 9000 feet. The low freezing level contributed to widespread hail as thunderstorms formed during the mid afternoon hours. Synoptically, an upper level low pressure system was advancing northeast from the southwest U.S. A surface low formed over Oklahoma with a trough extending northeast into eastern Nebraska. This trough served as the focusing boundary for the thunderstorms to form on. Initially, a small cluster of thunderstorms formed over southeast Nebraska and moved into southwest and west central Iowa. Most of the storms produced at least pea to marble size hail. There were several reports of hail covering the ground. In Carroll County, pea to slightly larger size hail accumulated to a depth of an inch in the town of Arcadia. Significant hail fell in Boone and Webster Counties where golf ball size hail was reported. The area around Dayton was particularly hard hit with the golf ball size hail covering the ground. During the storms strongest period, several small tornadoes were spawned. One touched down briefly in Greene County north of Churdan. A short time later, two other brief touchdowns were reported. A Ham radio spotter reported a brief touch down near Highway 169 in

Storm Data and Unusual Weather Phenomena

April 1998

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

IOWA, Central

Webster County south of Dayton. Another brief touchdown occurred in Green County north of Scranton near the same time. All of these tornadoes touched down in open fields and caused little to no damage. They were also quite small and weak. The other problem during this event was with the rainfall. The soil in Iowa was already close to saturation. As a result, much of the rain that fell ran off, causing local and urban flooding. Rainfall of one to three inches was common from west central Iowa into parts of the north central counties. The heaviest rainfall report was received from Denison with 3.40 inches. There were several reports of one to two inches falling in one half hours time. In spite of the wet soil conditions and heavy rainfall, flooding was relatively minor, though considerable ponding did occur.

IAZ034>036-045>046-059-074>075-084-086 **Calhoun - Webster - Hamilton - Carroll - Greene - Dallas - Marion - Mahaska - Lucas - Wapello**

07	1200CST	0	0	150K	Flood
12	0600CST				

The heavy rains and subsequent minor flooding experienced in March continued through much of April. Data from the Iowa State Climatologist indicated statewide precipitation in April was 3.99 inches, or .83 inches above normal. The period from 01 January through 30 April 1998 was the 5th wettest first four months of the year on record. The rain fell at intervals about a week apart. This kept flooding fairly minor. The most significant event occurred during the first episode of the month. Flooding occurred along the North Raccoon, Chariton, Des Moines, and South Skunk River Basins. The flooding was relatively minor with crests less than 3 feet above flood stage in most areas.

IAZ004>007-015>017-023>028-033>039-044>050-057>062-070>075-081>086-092>097 **Emmet - Kossuth - Winnebago - Worth - Palo Alto - Hancock - Cerro Gordo - Pocahontas - Humboldt - Wright - Franklin - Butler - Bremer - Sac - Calhoun - Webster - Hamilton - Hardin - Grundy - Black Hawk - Crawford - Carroll - Greene - Boone - Story - Marshall - Tama - Audubon - Guthrie - Dallas - Polk - Jasper - Poweshiek - Cass - Adair - Madison - Warren - Marion - Mahaska - Adams - Union - Clarke - Lucas - Monroe - Wapello - Taylor - Ringgold - Decatur - Wayne - Appanoose - Davis**

12	0800CST	0	0	2.5M	High Wind (G54)
	1600CST				

Low pressure intensified over central South Dakota during the day. The pressure gradient was very strong across Iowa. Upper air soundings taken at 0600 CST indicated winds of 70 to 75 kts over Iowa between 3000 and 5000 feet above the ground. During the day, strong winds mixed toward the surface with sustained wind speeds in the 25 to 40 MPH range by shortly after sunrise. Winds continued to increase with mid day winds sustained in the 30 to 40 MPH range, with frequent gusts over 50 MPH. Some of the strongest winds included a 62 MPH wind gust at Storm Lake and Mason City. Winds gusted to 60 MPH at Carroll and 59 MPH at Ottumwa. Many areas of the state reported winds of 55 MPH or greater. Scattered light damage was received from around the state. Some tree limbs were lost with local power outages.

Sac County

3 S Odebolt	12	1830CST	0	0	100K	Thunderstorm Wind (G65)
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Crawford County

8 S Denison	12	1900CST	0	0	5K	Hail (1.00)
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Carroll County

Halbur	12	1940CST	0	0	3K	Hail (1.00)
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Carroll County

Glidden	12	2010CST	0	0	1K	Hail (0.75)
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Carroll County

Glidden	12	2015CST	0	0	3K	Hail (1.00)
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Worth County

Manly	12	2316CST	0	0	2K	Hail (0.88)
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The intense low pressure system mentioned above also produced widely scattered severe weather. In spite of very strong dynamics, severe weather was quite spotty. Moisture was very limited with surface dew point temperatures in the upper 40s to low 50s F. over the area. A dryline extended south from the low. Thunderstorms fired along this dryline. A small bow echo formed over northwest Iowa. High winds were reported just west of the Des Moines area of responsibility with 78 MPH winds reported in Dickinson County at Spirit Lake. Gust winds moved eastward with the bow echo, however winds remained below severe criteria in most areas. High winds did sweep through southern Sac County as one farm south of Odebolt was hard hit. Winds of around 75 MPH toppled 3 grain bins, a garage, and several out buildings. Two vehicles were destroyed as the garage blew down. A cold pool aloft moved over Iowa during the early evening hours with 500 mb temperatures around -18 C. This produced very steep lapse rates over Iowa. Meanwhile, the freezing level was only 9900 ft MSL, producing a favourable profile for hail. Hail was then the main weather event through the rest of the evening. The storms that did produce severe weather were hail producers with three quarter to one inch diameter hail being reported from the cells. There was several reports of pea to marble size hail covering the ground over northwest Iowa as well. The line produced hail over Crawford and Carroll Counties before weakening somewhat. They briefly flared up again over Worth County and dropped nickel size hail there.

Jasper County

Collfax	13	0424CST	0	0	0.50K	Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 1998

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

IOWA, Central

Thunderstorms fired up in advance of a cold front and upper level disturbance. Many of the storms produced pea size hail. Some reports indicated the hail covered the ground completely. One of the storms intensified briefly and dropped three quarter inch diameter hail in Jasper County at Colfax.

Taylor County New Market	14	2120CST			0	0	0.50K		Hail (0.75)
Taylor County 1 W Gravity	14	2131CST			0	0	1K		Hail (1.00)
Taylor County 2 W Clearfield	14	2149CST			0	0	1K		Hail (1.00)
Adams County 6 SE Prescott	14	2156CST			0	0	0.50K		Hail (0.75)
Ringgold County 8 NW Diagonal	14	2156CST			0	0	0.50K		Hail (0.75)

A strong upper level system moved northeast toward Iowa from the southwest. A low pressure located at the surface extended a warm front east across northern Missouri. Strong thunderstorms fired at the nose of the dry slot as it impinged upon the warm front. Severe weather was widespread southwest of Iowa, but weakened considerably as it advanced into Iowa. The main severe weather feature was hail from this event. The freezing level was only 7900 feet. One of the storms exhibited a hook echo and BWER as it advanced into southwest Iowa. The storm did not produce a tornado since a 3000 to 4000 foot deep layer of cool and dry air was located over the area brought upon by a strong east-northeast flow. Widespread hail of three quarter to one inch in diameter occurred as the storms advanced into the southwest counties of the state. Little damage was reported however. The storms weakened rapidly as the advanced northeast into the cooler air to their northeast.

Poweshiek County 6 NW Hartwick	15	2016CST			0	0	0.20K		Hail (0.75)
Tama County 2 SE Chelsea	15	2041CST			0	0	1K		Hail (1.00)

Surface low pressure was located over southeast Iowa as the upper level low pressure and cold pool drifted over the state. Thunderstorms erupted over central into east central Iowa during the evening hours. The freezing level was very low, only around 6000 feet. The storms were small, but did produce hail. Three quarter inch diameter hail fell in Poweshiek County, with one inch diameter hail falling over the southeast corner of Tama County.

IAZ034>036-045>046-059 Calhoun - Webster - Hamilton - Carroll - Greene - Dallas

	16	1800CST			0	0	30K		Flood
	19	1200CST							

Another round of thunderstorms moved through Iowa, touching off minor flooding. Soil conditions were still quite saturated from the rainfall the previous week. In spite of the saturated conditions, runoff was only enough to bring rivers slightly above flood state in most areas. Damage was very minor from this event.

IAZ034-045>046-059-074>075-086 Calhoun - Carroll - Greene - Dallas - Marion - Mahaska - Wapello

	21	0600CST			0	0	3.5K		Flood
	25	1500CST							

The final round of heavy rainfall moved through the state shortly after the middle of the month. The rainfall was enough to push a few of the rivers over their banks, but flooding was only a few inches over flood stage in most areas. Flooding along the Raccoon River Basin was due to the rain. The flooding along the Des Moines River Basin southeast of Des Moines was mainly due to water release from Red Rock Reservoir. Storage in the reservoirs in the state had been reduced by 30% due to the heavy rains earlier in the season. In an effort to reduce water levels, the Des Moines River was held near to slightly above flood stage for a couple days following the let up of the rainfall. This event resulted in little to no damage.

Madison County Earlham	25	1702CST			0	0	15K		Hail (1.75)
Dallas County 3 E Adel	25	1711CST			0	0	5K		Hail (1.00)
Dallas County Granger	25	1723CST			0	0	5K		Hail (1.00)
Warren County Liberty Center	25	1735CST			0	0	3K		Hail (0.88)
Warren County Milo	25	1750CST			0	0	3K		Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 1998

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

IOWA, Central

Carroll County Breda	25	1800CST			0	0	1K		Hail (0.75)
Carroll County Breda	25	1810CST			0	0	20K		Hail (2.00)
Sac County Wall Lake	25	1814CST			0	0	1K		Hail (0.75)
Sac County Wall Lake	25	1815CST			0	0	10K		Hail (1.50)
Carroll County Breda	25	1820CST			0	0	1K		Hail (0.75)
Marion County Melcher	25	1830CST			0	0	5K		Hail (1.00)

Strong low pressure developed over the Plains and moved across Kansas during the morning of the 25th. A warm front extending east from the low lifted north into southern Iowa during the afternoon hours as the low moved northeast. By evening, the low moved into western Iowa with the triple point lifting into southern and western Iowa. Temperatures warmed into the mid 80s over southwest Iowa, with 70s over much of the rest of the state during the afternoon. Moisture was somewhat limited with surface dew point temperatures in the mid 50s to around 60. Thunderstorms were slow to fire, but did erupt rapidly during the late afternoon hours. A narrow line formed and arced from west central, into central, and south central Iowa. The storms became severe quickly and produced hail up to golf ball in size. One report from Carroll County indicated near tennis ball size hail in the town of Breda. There were numerous reports three quarter to one inch diameter hail during the hour and one half that the storms were severe.

IOWA, East Central and Southeast

Lee County Argyle to 7 NW Ft Madison	07	1529CST 1612CST			0	0			Funnel Cloud
Lee County Argyle to Summitville	07	1536CST 1538CST			0	0			Hail (1.75)
Lee County 6 N Montrose	07	1545CST	0.1	1	0	0	0		Tornado (F0)
Lee County Ft Madison	07	1600CST	0.1	1	0	0	0		Tornado (F0)
Lee County New Boston	07	1602CST	0.1	1	0	0	0.50K		Tornado (F0)

Strong thunderstorms in northeastern MO moved into Lee County Iowa during the late afternoon. Numerous reports of funnel clouds were reported along with three brief tornadoes and 1 to 1.75 inch hail. Damage was minimal across the county and there were no reports of injuries. One tornado caused minor roof damage to a home in New Boston.

Delaware County Sand Spg	15	1917CST			0	0			Hail (0.80)
Benton County Belle Plaine	15	2043CST			0	0			Hail (1.00)
Benton County 3 SE Vinton to Vinton	15	2144CST			0	0			Hail (0.75)

Evening showers and thunderstorms moved across East Central Iowa producing heavy rain, 30 to 50 mph winds and one quarter to one inch diameter hail.

IOWA, Northeast

NONE REPORTED.

IOWA, Northwest

Sioux County Sioux Center	12	1640CST			0	0			Thunderstorm Wind (G50)
Sioux County Hospers	12	1700CST			0	0			Thunderstorm Wind (G52)
O'Brien County Sanborn	12	1735CST			0	0	5K		Thunderstorm Wind (G52)

Thunderstorm winds damaged a barn.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>IOWA, Northwest</u>									
Dickinson County Spirit Lake	12	1740CST 1745CST			0	0	20K		Thunderstorm Wind (G68)
									Thunderstorm winds caused tree and power line damage.
Ida County Battle Creek	25	1816CST			0	0			Hail (1.75)
									A few golf ball size hail stones fell in a storm which produced mostly marble size hail.
<u>IOWA, Southwest</u>									
Harrison County Magnolia	06	1400CST			0	0			Hail (1.50)
Mills County Silver City	06	1850CST			0	0			Hail (2.00)
Harrison County Mondamin	12	1800CST			0	0			Hail (1.00)
									Interstate 29 covered
Harrison County 1 E Mondamin	12	1805CST			0	0			Hail (1.75)
Harrison County 1 W Magnolia	12	1820CST			0	0			Hail (1.00)
Harrison County 4 NNW Woodbine	12	1829CST			0	0			Hail (1.75)
Harrison County 2 NW Little Sioux	12	1830CST			0	0	100K		Thunderstorm Wind
									Two glass windows were blown out of a home.
Harrison County Woodbine	12	1837CST			0	0			Hail (1.75)
Shelby County 7 NW Earling	12	1903CST			0	0			Hail (0.75)
Page County Blanchard	14	2050CST			0	0	10K		Thunderstorm Wind (G60)
									Damage to a grain bin
Page County Essex	14	2058CST			0	0			Hail (0.75)
Page County Shambaugh	14	2105CST			0	0			Hail (1.75)
Page County College Spgs	14	2105CST			0	0			Hail (1.75)
Page County College Spgs	14	2105CST			0	0	20K		Thunderstorm Wind (G60)
									Tree blown down onto a trailer.
Page County Braddyville	14	2115CST			0	0	400K		Thunderstorm Wind (G60)
									Several barns and outbuildings in rural areas near Braddyville were damaged or destroyed.
Harrison County Missouri Vly	14	2140CST			0	0			Hail (0.88)
Harrison County Beebeetown	14	2145CST			0	0			Hail (0.75)
Monona County 1 E Castana	25	1720CST			0	0			Hail (1.25)
Monona County Onawa	25	1730CST			0	0			Hail (0.88)
Monona County Castana	25	1759CST			0	0			Hail (1.25)
<u>KANSAS, East</u>									
Coffey County Le Roy	06	1621CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, East</u>									
Marshall County 3 S Marysville	06	1810CST			0	0			Hail (0.75)
Washington County Greenleaf	06	1906CST			0	0			Hail (1.00)
Washington County 1 NW Washington	06	1942CST			0	0			Hail (1.00)
Washington County 1 N Washington	06	1944CST			0	0			Hail (1.00)
Washington County 7 N Washington	06	1957CST			0	0			Hail (1.00)
KSZ008>012-020>024-026-034>040-054>056-058>059	Republic - Washington - Marshall - Nemaha - Brown - Cloud - Clay - Riley - Pottawatomie - Jackson - Jefferson - Ottawa - Dickinson - Geary - Morris - Wabaunsee - Shawnee - Douglas - Lyon - Osage - Franklin - Coffey - Anderson								
	12	0900CST 1500CST			0	0	2K		High Wind (G47)
	Strong winds gusted over 50 mph in many areas. The strongest wind gusts officially reported were 54 mph at Concordia, Emporia, and Manhattan. Other measured wind gusts included 53 mph at Lawrence and 52 mph at Forbes Field Airport on the south side of Topeka. The wind broke several large tree limbs, knocked down a few road signs, and resulted in scattered minor power outages in Lawrence and Junction City. Also in Junction City the wind peeled back 10 feet of tin from the roof one trailer home.								
Coffey County Le Roy	14	1621CST			0	0			Hail (1.75)
Anderson County Westphalia	14	1634CST			0	0			Hail (0.75)
Anderson County Mont Ida	14	1639CST			0	0			Hail (0.75)
Anderson County Welda	14	1639CST			0	0			Hail (0.75)
Franklin County 5 N Ottawa	14	1823CST			0	0			Hail (0.75)
Franklin County 5 SW Ottawa	14	2125CST			0	0			Hail (0.75)
<u>KANSAS, Extreme Southeast</u>									
Cherokee County 2 W Columbus	14	2218CST			0	0	3K		Thunderstorm Wind (G52)
	Thunderstorm winds downed power lines and damaged a transformer.								
Cherokee County Columbus	14	2325CST			0	0	100K		Hail (1.75)
	Hail, up to golf ball size, fell in the Columbus area accumulating to a depth of two inches. There was extensive car and roof damage, especially in the north part of town. Numerous reports of funnel clouds were received in the area, but no tornado touchdowns were confirmed.								
Cherokee County Lawton	14	2350CST			0	0			Hail (1.00)
Cherokee County Baxter Spgs	27	1440CST			0	0			Flash Flood
	Clem Road in the southeast part of Cherokee county between Highway 69 and Alternate 69 was under water.								
Bourbon County 7 SW Ft Scott	27	1645CST			0	0			Flash Flood
	County roads along the Marmaton river were under water.								
<u>KANSAS, North Central</u>									
Osborne County 16 S Osborne	06	1900CST			0	0	0	0	Hail (0.75)
Jewell County 10 NE Jewell	06	1910CST			0	0	0	0	Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

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

KANSAS, Northeast

KSZ103

Leavenworth

03 0000CST
04 2359CST

0 0

Flood

Minor flooding occurred along the Stranger Creek during the first week of April.

Stranger Creek
Easton, KS

Flood Stage 17 ft
Above Flood Stage 4/3 to 4/4
Crest Estimated 17.2 ft on 4/4

Miami County **4 N Louisburg**

13 0230CST

0 0

Hail (1.00)

Public reported hail one inch in diameter in a severe thunderstorm at 233rd St and Metcalf which is 4 miles north of Louisburg.

Leavenworth County **Springdale**

13 0750CST

0 0

Hail (0.75)

A spotter reported golfball-size hail in Springdale.

Leavenworth County **Jarbalo**

13 0812CST

0 0

Hail (1.00)

One inch diameter hail was reported in a severe thunderstorm over Jarbalo.

Leavenworth County **Leavenworth**

13 0830CST

0 0

Hail (0.75)

Public reported dime-size hail in a severe thunderstorm over Leavenworth.

Atchison County **Potter**

13 0850CST

0 0

Hail (0.75)

Public reported dime-size hail in Potter.

Miami County **Beagle**

14 1932CST

0 0

Hail (0.75)

Dime-size hail was reported during a severe thunderstorm at Beagle.

Miami County **Osawatomie**

14 2202CST

0 0

Thunderstorm Wind (G70)

The Miami County Sheriff's Office reported a 70 MPH wind gust during a severe thunderstorm at Osawatomie.

Miami County **4 E Fontana**

14 2208CST

0 0

Hail (1.00)

One-inch diameter hail was reported at Fontana and Jingo by the Miami County Sheriff's Office.

Linn County **La Cygne**

14 2213CST

0 0

Hail (1.75)

Golfball-size hail was reported at La Cygne by the Linn County Sheriff's office.

KANSAS, Northwest

Decatur County **6 W Oberlin to** **5 W Oberlin**

14 1506CST
1513CST

1.2

50

0 0

2K

Tornado (F1)

Landspout tornado observed by personnel from KFNH radio station hit farmstead and slightly damaged home and outbuildings. Tornado moved ESE across U. S. Highway 36 before dissipating around 1513 CST.

Decatur County **6 WNW Oberlin to** **1.5 E Oberlin**

14 1515CST
1535CST

7.5

200

0 0

2.5K

Tornado (F1)

Tornado moved southeast then east until it passed 1.5 miles north of Oberlin; then it moved southeast again. Siding was torn from residence 1.5 miles north of Oberlin. At the golf course...a tree was taken down and a window was broken.

Decatur County **4 N Oberlin**

14 1525CST

0.1

50

0 0

Tornado (F0)

Brief tornado observed by law enforcement.

Decatur County **1.5 NW Oberlin**

14 1528CST

0 0

Hail (2.00)

Decatur County **Oberlin**

14 1545CST

0 0

Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Northwest</u>									
Decatur County 6 E Oberlin	14	1605CST	0.2	50	0	0	0.50K		Tornado (F1) Brief tornado. Individual drove through the tornado. Side view mirrors and windshield wipers were ripped from vehicle.
Decatur County Lyle	14	1626CST			0	0			Hail (0.75)
Norton County 10 N Reager	14	1630CST			0	0			Hail (1.00)
<u>KANSAS, Southeast</u>									
Reno County 5 E Nickerson	02 03	1005CST 2355CST			0	0			Flash Flood Cow Creek flooded, causing the closure of numerous roads across northeast Reno County. The flooding was mainly due to snow melt and previous rainfall.
Sumner County 4 N Argonia	06	1936CST			0	0			Thunderstorm Wind (G52)
Cowley County 1 NE Arkansas City	06	2338CST			0	0			Hail (0.75)
Woodson County 10 NW Yates Center	14	1600CST			0	0			Hail (0.75)
Chautauqua County Elgin	14	1700CST			0	0			Hail (0.88)
Wilson County 5 N Altoona	14	1715CST			0	0			Hail (1.00)
Chautauqua County Sedan	14	1719CST			0	0			Hail (0.75)
Neosho County Chanute	14	1720CST			0	0			Hail (0.75)
Chautauqua County Peru	14	1729CST			0	0			Hail (0.88)
Chautauqua County Sedan	14	1729CST			0	0			Hail (0.88)
Montgomery County Elk City	14	1732CST			0	0			Hail (0.75)
Neosho County Chanute	14	1734CST			0	0			Hail (1.00)
Chautauqua County Elgin	14	1735CST			0	0			Hail (1.25)
Allen County 6 W Savonburg	14	1747CST			0	0			Hail (0.75)
Montgomery County 3 W Independence	14	1821CST			0	0			Hail (1.00)
Chautauqua County 2 NE Elgin	14	1830CST			0	0			Hail (1.25)
Montgomery County Independence	14	1830CST			0	0			Hail (0.75)
Montgomery County 3 S Elk City	14	1838CST			0	0			Hail (0.75)
Harper County 4 W Anthony	14	1917CST			0	0			Hail (0.75)
Neosho County Chanute	14	1929CST			0	0			Hail (1.00)
Butler County 4 E Potwin	14	1935CST			0	0			Hail (0.75)
Harper County Bluff City	14	1943CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Sedgwick County Wichita	14	1943CST			0	0			Hail (0.88)
			Hail fell on south side of Wichita.						
Harper County 4 E Anthony	14	1945CST			0	0			Hail (0.75)
Harper County 6 S Anthony	14	1945CST			0	0			Hail (0.75)
Sedgwick County Wichita	14	1946CST			0	0			Hail (0.75)
			Hail fell at 13th St. and Woodlawn Ave.						
Sedgwick County Wichita	14	1947CST			0	0			Hail (0.75)
			Hail fell on east side of Wichita.						
Butler County 3 E Andover	14	1953CST			0	0			Hail (0.75)
Sedgwick County Wichita	14	1957CST			0	0			Hail (0.75)
			Hail fell at Central and Oliver Ave.						
Butler County Benton	14	2000CST			0	0			Hail (0.75)
Butler County 1 N Benton	14	2000CST			0	0			Hail (1.75)
Greenwood County Madison	14	2000CST			0	0			Hail (0.75)
Sumner County Corbin	14	2005CST			0	0			Hail (1.00)
Butler County 1 SW Potwin	14	2007CST			0	0	50K		Hail (4.00)
Harvey County 10 SE Newton	14	2010CST			0	0			Hail (1.00)
Butler County 2 SW Potwin	14	2015CST			0	0			Hail (1.75)
Sumner County Perth	14	2015CST			0	0			Hail (1.00)
Sumner County Wellington	14	2015CST			0	0			Hail (0.88)
			Hail fell on south side of Wellington.						
Cowley County 8 NW Arkansas City	14	2040CST			0	0			Hail (0.75)
Montgomery County 9 SW Independence	14	2228CST			0	0			Hail (1.75)
<u>KANSAS, Southwest</u>									
Meade County Meade	06	1518CST			0	0			Hail (0.75)
Meade County Meade	06	1525CST			0	0			Hail (0.75)
Meade County 3 NW Fowler	06	1532CST			0	0			Hail (0.88)
Ford County 15 SW Dodge City	06	1558CST			0	0			Hail (1.00)
Ellis County 9 W Schoenchen	06	1610CST			0	0			Hail (2.00)
Hodgeman County 8 N Hanston	06	1620CST			0	0			Hail (1.00)
Hodgeman County 9 NNE Hanston	06	1620CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>									
Ellis County 9 W Schoenchen	06	1622CST			0	0			Hail (1.00)
Ness County Bazine	06	1635CST			0	0			Hail (0.88)
Ellis County 1 SE Ellis	06	1652CST			0	0			Hail (0.75)
Ellis County 2 E Ellis	06	1655CST			0	0			Hail (0.75)
Ellis County 1 SW Schoenchen to 2 N Schoenchen	06	1725CST 1730CST	3.3	100	0	2	50K		Tornado (F1)
									There was damage to a metal building and a quonset hut. Two young boys were injured when the door blew off of the building. A chicken house blew away.
Ellis County 4 W Antonino	06	1729CST			0	0			Hail (0.88)
Ellis County 11 SW Hays	06	1736CST			0	0			Hail (0.75)
Ellis County Schoenchen	06	1745CST			0	0	5K		Flash Flood
									A quick rise on the Smoky Hill River submerged a front end loader.
Barber County 21 WSW Medicine Lodge	06	1800CST			0	0			Hail (0.75)
Barber County 21 WSW Medicine Lodge	06	1800CST			0	0			Thunderstorm Wind (G64)
Scott County Scott State Park	11	1300CST 2300CST			0	0	150K		Wild/Forest Fire
									A small fire quickly got out of control due to strong winds. Over 100 acres of grass burned and two cabins were destroyed in the fire.
Ford County 4 W Dodge City	12	2240CST			0	0	0.20K		Thunderstorm Wind
									The strong winds blew down 3 inch tree limbs and took paint off of a mobile home.
Ford County (Ddc)Dodge City Arpt	12	2250CST			0	0	0.30K		Thunderstorm Wind (G54)
									A window was blown out of a car.
<u>KENTUCKY, Central</u>									
Simpson County Hillsdale	08	0230EST			0	0			Thunderstorm Wind (G50)
									Dispatch reported large trees down.
Grayson County Leitchfield	08	1245EST			0	0			Hail (0.75)
Ohio County Hartford	08	1245EST			0	0			Hail (0.75)
Jefferson County Fairmount to Anchorage	08	1405EST 1420EST			0	0			Hail (0.75)
Spencer County Taylorsville	08	1410EST			0	0			Hail (0.75)
Franklin County Frankfort	08	1425EST			0	0			Hail (0.75)
									Dime size hail was reported at many locations by HAM radio operators, media, spotters, DES and other emergency officials. Also, NWS employees viewed the hail storm as it moved through with many of the hail stones measuring dime size or slightly larger.
Breckinridge County Mc Daniels	08	1315EST			0	0	10K		Thunderstorm Wind (G50)
									DES reported part of a roof collapsed on a school. No one was injured.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
KENTUCKY, Central									
Bullitt County Shepherdsville	08	1345EST			0	0			Thunderstorm Wind (G50)
									Dispatch reported trees and power lines down just south of Sheperdsville.
Hardin County Elizabeth Town to Elizabethtown	08	1350EST			0	0			Thunderstorm Wind (G50)
									Dispatch reported trees and power lines down.
Grayson County Leitchfield	15	1005EST 1015EST			0	0			Hail (1.50)
									1 1/2 inch hail reported by spotter.
Hart County Bonnieville	15	1030EST			0	0			Hail (1.00)
									Quarter size hail reported at Bonnieville.
Marion County Jessietown	15	1115EST			0	0			Hail (1.00)
Taylor County Finley	15	1115EST			0	0			Hail (1.00)
									DES reported quarter size hail at Jessietown and Finley.
Nelson County Coxs Creek	16	0400EST			0	0	10K		Thunderstorm Wind (G60)
									Several roofs blown off houses and numerous trees down. Report relayed from local television station.
Trimble County Bedford	16	0500EST 0700EST			0	0			Flash Flood
									1-2 inches of rain fell over a short period of time, and DES reported 3 feet of water over Highway 421 3 1/2 miles south of Bedford and across Highway 754 5 miles north of Bedford where one car was partially submerged.
Fayette County Lexington	16	0525EST			0	0			Thunderstorm Wind (G50)
									Power lines down along the Airport. Also, numerous trees were down across Highway 60. Report from state police.
Logan County Lewisburg to 16 E Lewisburg	16	1525EST 1543EST			0	0			Hail (2.75)
Warren County 10 W Bowling Green to 16 E Bowling Green	16	1543EST 1614EST			0	0	510M		Hail (2.75)
									A large classic supercell thunderstorm moved from northern Logan county through central parts of Warren, Barren and Metcalfe counties and then into western Adair county. A swath of large hail accompanied the storm across Logan and Warren counties and correlated well with maximum KLVX WSR-88D composite reflectivities. Many places along the route of the storm reported baseball size hail. Bowling Green was particularly devastated by the storm with incredible damage to all area car lots, all police cars, homes and Western Kentucky University. Every car dealership and rent-a-car lot had all of their cars totaled. In all, 8,300 homes, 900 mobile homes, 4,000 vehicles, 37 businesses, and 14 apartments sustained major damage. Minor damage was reported to 1,300 homes, 6,000 vehicles, 42 businesses and 4 churches. Most of this damage was attributed to the hail as opposed to the F1 tornado that passed just to the south of Bolwing Green. In fact the total damage attributed to hail was estimated at at least 510 million dollars. Several people also received minor injuries from being struck by the hail.
Logan County Chandlers Chapel to 6 E Chandlers Chapel	16	1535EST 1544EST	6	100	0	0	100K		Tornado (F1)
Warren County 10 SW Bowling Green to 16 SE Bowling Green	16	1544EST 1612EST	15	100	0	0	100K		Tornado (F1)
Allen County 3 W Meador to 2 E Meador	16	1612EST 1619EST	5	50	0	0	10K		Tornado (F0)
Barren County 14 SW Glasgow to 10 E Glasgow	16	1619EST 1650EST	22	200	2	9	10M		Tornado (F3)
									M67MH, M47OU

Storm Data and Unusual Weather Phenomena

April 1998

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

KENTUCKY, Central

Metcalfe County

Wisdom to 2 E Edmonton	16	1653EST 1705EST	8	100	1	0	5M		Tornado (F2)
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M78PH

Adair County

Portland to 1 NE Pellyton	16	1715EST 1740EST	20	100	0	0	3M		Tornado (F3)
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A series of three tornadoes cut a long path of destruction across south central Kentucky during the late afternoon and early evening of April 16. Three people were killed, two in Barren county and one in Metcalfe, as the tornadoes moved through. A 78 year old man was killed by fallen debris from his house in Wisdom accounting for the Metcalfe county death. In Glasgow of Barren county, a 67 year old man was killed in his mobile home and a 47 year old man was killed by flying debris off his greenhouse. The Glasgow area of Barren county and the Pellyton area of Adair county were hardest hit sustaining F3 damage. In Glasgow, 1 house was destroyed and 45 were badly damaged. 35 mobile homes and 25 barns were also badly damaged or destroyed. Winds were estimated at around 175 mph in the Glasgow area. Another wide area area of severe destruction took place across northern Adair county from around Portland to Pellyton. There, 14 houses were destroyed or received major damage. 3 mobile homes and 27 barns were also destroyed. 146 homes and 50 barns were damaged or destroyed across Barren county, while 30 homes, 84 barns, 2 schools and 8 businesses were damaged or destroyed across Adair county. Metcalfe county also sustained minimal damage to 19 structures, major damage to 43 and destruction to 54. F2 damage was estimated across much of Metcalfe county. Many eyewitnesses across the affected counties reported two smaller sub-vortices within the parent funnels. After reviewing Doppler radar reflectivity patterns and damage patterns, it appears the first tornado moved from northern Logan county to the Barren-Metcalfe county line. Then another formed in the near Wisdom in Metcalfe county before it dissipated 2 miles east of Edmonton. A final tornado from the parent supercell formed near Portland in Adair county and moved 20 miles to Pellyton before also dissipating.

Barren County

Glasgow	16	1625EST 1630EST			0	0			Hail (0.75)
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Dime size hail reported by DES.

Casey County

Dunnville to Liberty	16	1745EST 1800EST			0	0	5M		Thunderstorm Wind (G80)
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DES reported an 8 mile path of destruction resulted from severe thunderstorm winds. 16 structures received major damage, while 35 received minor damage. Losses were estimated at 5 million dollars.

Lincoln County

Waynesburg	16	1813EST			0	0			Hail (0.75)
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Dime size hail reported by DES.

Barren County

Various	16	1900EST 2000EST			0	0			Flash Flood
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Metcalfe County

Various	16	1900EST 2000EST			0	0			Flash Flood
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Warren County

Various	16	1900EST 2000EST			0	0			Flash Flood
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3-4 inches of rain fell over a widespread area over only a few hours causing flash flooding at many locations. A few cars were trapped in the high water near Bowling Green as reported by DES.

KYZ023-026-045-061>063

Hancock - Ohio - Nelson - Butler - Edmonson - Hart

	17	0600EST			0	0			Flood
	26	0800EST							

Significant rainfall caused flooding along the Green, Rough and Ohio Rivers and the Rolling Fork of the Salt River. Minor flooding occurred along low-lying county roads and agricultural bottomland. The following are crests and dates: Rolling Fork of the Salt River at Boston: 36.7 feet (flood stage is 35 feet) at 0900 am est on April 18; Dundee along the Rough River: 25.4 feet (flood stage is 25 feet) at 100 pm est on April 17; Munfordville along the Green River: 28.2 feet (flood stage is 28 feet) at 4 pm est on April April 17; Brownsville along the Green River: 19.7 feet (flood stage is 18 feet) at 3 pm est on April 18; Woodbury along the Green River: 36.5 feet (flood stage is 33 feet) at 130 pm est on April 19; Rochester Ferry along the Green River: 19.6 feet (flood sstage is 17 feet) at 1 pm est on April 20; Tell City along the Ohio River: 39.4 feet (flood stage is 38 feet) at 4 pm est on April 25.

KENTUCKY, Eastern

Pulaski County

5 N Somerset	08	0409EST			0	0	0	0	Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
KENTUCKY, Eastern									
Laurel County 2 E London	08	0450EST			0	0	0	0	Hail (0.75)
Bell County Middlesboro	08	1405EST			0	0	0	0	Hail (0.75)
Fleming County 3 W Tilton	08	1515EST			0	0	0	0	Hail (0.75)
Clay County Oneida	15	1315EST			0	0	0	0	Hail (1.00)
Jackson County 4 E Annville	15	1315EST			0	0	0	0	Hail (1.00)
Breathitt County Morris Fork	15	1355EST			0	0	0	0	Hail (0.88)
Perry County 3 SE Buckhorn	15	1415EST			0	0	0	0	Hail (1.00)
Perry County Hazard	15	1429EST			0	0	0	0	Hail (1.00)
Letcher County Isom	15	1450EST			0	0	20K	0	Hail (1.75)
Letcher County Fleming	15	1510EST			0	0	0	0	Hail (1.00)
Perry County 4 SE Hazard	15	1730EST			0	0	0	0	Hail (0.75)
Letcher County Fleming	15	1830EST			0	0	20K	0	Hail (1.25)
Pike County Pikeville	15	1830EST			0	0	0	0	Hail (0.75)
Lee County 1 S Beattyville	16	0700EST 0900EST			0	0	3K	0	Flash Flood
			Gravel roads were washed out, and mud and debris covered the main roads.						
Jackson County Annville	16 17	1600EST 0500EST			0	0	10K	0	Flash Flood
			Roads were flooded.						
Wayne County Windy	16	1755EST			0	0	5K	0	Thunderstorm Wind
Wayne County 3 S Mt Pisgah to 3.5 ESE Mt Pisgah	16	1805EST 1811EST	3.6	100	0	0	15K	0	Tornado (F2)
McCreary County 5.4 WSW Bell Farm to Smith Town	16	1811EST 1830EST	15	100	0	0	30K	0	Tornado (F2)
			The path of the tornado was intermittent. It first touched down in extreme southeast Wayne County, and then moved northeast across McCreary County. The tornado downed numerous trees in both Wayne and McCreary Counties. In Wayne County the tornado damaged a barn and several outbuildings, and overturned a vehicle. Before lifting the tornado hit Smithtown in McCreary County and damaged several mobile homes, houses and outbuildings.						
Fleming County Countywide	16	1815EST 2115EST			0	0	0	0	Flash Flood
Rockcastle County 2 S Brodhead	16	1830EST			0	0	0	0	Thunderstorm Wind
Harlan County 7 SE Harlan	16	1832EST			0	0	0	0	Hail (1.00)
Rockcastle County 5 SW Mt Vernon	16	1835EST 1839EST	0.2	30	0	0	15K	0	Tornado (F0)
			The tornado downed trees and destroyed a three car garage.						

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
KENTUCKY, Eastern									
Rockcastle County									
Mt Vernon	16	1837EST			0	0	0	0	Hail (1.00)
Whitley County									
5 N Williamsburg	16	1900EST			0	0	0	0	Hail (0.75)
Knox County									
Countywide	16	1900EST			0	0	50K	0	Flash Flood
	17	0500EST							
Laurel County									
Countywide	16	1900EST			0	0	30K	0	Flash Flood
	17	0500EST							
Mccreary County									
Countywide	16	1900EST			0	0	0	0	Flash Flood
	17	0500EST							
Pulaski County									
Countywide	16	1900EST			0	0	5K	0	Flash Flood
	17	0500EST							
Rockcastle County									
Countywide	16	1900EST			0	0	5K	0	Flash Flood
	17	0500EST							
Wayne County									
Countywide	16	1900EST			0	0	5K	0	Flash Flood
	17	0500EST							
Whitley County									
Countywide	16	1900EST			0	0	150K	0	Flash Flood
	17	0500EST							
Knox County									
Barbourville	16	1915EST			0	0	0	0	Hail (0.75)
Mccreary County									
10 W Whitley City	16	1930EST			0	0	0	0	Hail (1.25)
Laurel County									
3 E Hazel Patch	16	1955EST			0	0	5K	0	Thunderstorm Wind
Bell County									
Countywide	16	2045EST			0	0	15K	0	Flash Flood
	17	0800EST							
Clay County									
Countywide	16	2045EST			0	0	200K	0	Flash Flood
	17	0800EST							
Harlan County									
Countywide	16	2045EST			0	0	5K	0	Flash Flood
	17	0800EST							
Lee County									
Countywide	16	2045EST			0	0	50K	0	Flash Flood
	17	0800EST							
Leslie County									
Countywide	16	2045EST			0	0	150K	0	Flash Flood
	17	0800EST							
Owsley County									
Countywide	16	2045EST			0	0	60K	0	Flash Flood
	17	0800EST							
Breathitt County									
Countywide	16	2200EST			0	0	50K	0	Flash Flood
	17	0800EST							
Knott County									
Countywide	16	2200EST			0	0	200K	0	Flash Flood
	17	0800EST							
Letcher County									
Countywide	16	2200EST			0	0	20K	0	Flash Flood
	17	0800EST							

Storm Data and Unusual Weather Phenomena

April 1998

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

KENTUCKY, Eastern

Perry County Countywide

16	2200EST					0	0	100K	0	Flash Flood
17	0800EST									

Severe thunderstorms on the evening of April 16 produced wind damage, hail, and tornadoes. At Windy in Wayne County, a barn was damaged by thunderstorm winds, and a spotter south of Brodhead in Rockcastle County estimated wind gusts of 60 to 70 mph. East of Hazel Patch, in Laurel County, a trailer was damaged by thunderstorm winds. Two tornadoes also touched down, one in Rockcastle County, and another that moved from Wayne into McCreary County. The thunderstorms also brought extremely heavy rain, and this resulted in widespread flash flooding from the 16th to the 17th. Numerous roads were flooded, and some roads and bridges were washed out. There were also several massive mud and rock slides. One slide severely damaged a house in Leslie County. In Clay County a house on Elk Creek was completely washed off its foundation early on April 17th. Numerous houses and trailers were also flooded in Clay County, and some people had to escape the rising waters by climbing from the windows of their homes. A security guard at a coal tippie in Clay County had to be rescued by a helicopter. Corbin, in Whitley County, was especially hard hit. Forty to fifty businesses in Corbin sustained flood damage. Local residents described the flood in downtown Corbin as the worst since 1957.

KYZ058-111>112- 114>118

Estill - Lee - Breathitt - Owsley - Perry - Clay - Leslie - Letcher

17	0230EST					0	0	1.7M	20K	Flood
21	1100EST									

Flash flooding that occurred on April 16 and 17 developed into widespread river flooding in the Kentucky River basin on the 17th. An initial crest occurred at most locations on the 17th or 18th, but additional heavy rains from the 18th into the 19th resulted in a second crest on either the 19th or 20th. Crests were 4.3 feet above flood stage at Jackson, 5 feet above flood stage at Booneville, and 5.5 feet above flood stage at Hazard. Numerous roads were flooded, and some homes and business were also affected by high water. In Hazard, Main Street had to be closed for a time on April 19. In Jackson, Panbowl Lake backed up, and flooded the basements and lower levels of several homes at Lakeside Estates.

KYZ079>080-084>088

Pulaski - Laurel - McCreary - Whitley - Knox - Bell - Harlan

17	0645EST					0	0	500K	10K	Flood
24	1400EST									

Flash flooding on April 16 and 17 developed into widespread river flooding in the Cumberland River basin on April 17. On the Cumberland River an initial crest occurred at most locations on April 17 or 18, but additional heavy rain on April 18 and 19 brought a second higher crest on April 19, 20, or 21. Crests were 2.8 feet above flood stage at Baxter, 10.7 feet above flood stage at Pineville, 14 feet above flood stage at Fourmile, 9.3 feet above flood stage at Barbourville, and 9.7 feet above flood stage at Williamsburg. Numerous roads were flooded, and numerous homes were affected by flood waters.

Bell County Countywide

18	1900EST					0	0	50K	0	Flash Flood
19	1300EST									

Clay County Countywide

18	2200EST					0	0	50K	0	Flash Flood
19	1300EST									

Harlan County Countywide

18	2200EST					0	0	20K	0	Flash Flood
19	1300EST									

Knott County Countywide

18	2200EST					0	0	500K	0	Flash Flood
19	1300EST									

Knox County Countywide

18	2200EST					0	0	50K	0	Flash Flood
19	1300EST									

Laurel County Countywide

18	2200EST					0	0	10K	0	Flash Flood
19	1300EST									

Leslie County Countywide

18	2200EST					0	0	180K	0	Flash Flood
19	1300EST									

Letcher County Countywide

18	2200EST					0	0	40K	0	Flash Flood
19	1300EST									

McCreary County Countywide

18	2200EST					0	0	10K	0	Flash Flood
19	1300EST									

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KENTUCKY, Eastern</u>									
Perry County									
Countywide	18	2200EST			0	0	300K	0	Flash Flood
	19	1300EST							
Whitley County									
Countywide	18	2200EST			0	0	10K	0	Flash Flood
	19	1300EST							
Breathitt County									
Countywide	18	2300EST			0	0	50K	0	Flash Flood
	19	1300EST							
Floyd County									
Countywide	18	2300EST			0	0	165K	0	Flash Flood
	19	1300EST							
Lee County									
Countywide	18	2300EST			0	0	60K	0	Flash Flood
	19	1300EST							
Magoffin County									
Countywide	18	2300EST			0	0	75K	0	Flash Flood
	19	1300EST							
Owsley County									
Countywide	18	2300EST			0	0	80K	0	Flash Flood
	19	1300EST							
Johnson County									
Countywide	19	0000EST			0	0	25K	0	Flash Flood
		1300EST							
Martin County									
Countywide	19	0000EST			0	0	10K	0	Flash Flood
		1300EST							
Pike County									
Countywide	19	0000EST			0	0	10K	0	Flash Flood
		1300EST							

From April 18 to 19, most of southeast Kentucky received 1 to 3 inches of rain, but some spots received 3 to 5 inches. The heavy rain resulted in widespread flash flooding, small stream flooding, and eventually river flooding. Numerous roads were flooded, or blocked by mud and rock slides. Flooding was especially severe along the Right and Left Forks of Beaver Creek in Floyd County. Approximately 229 homes were affected by the flash flooding in Floyd County, and numerous residents had to be evacuated.

KENTUCKY, Northeast

NONE REPORTED.

KENTUCKY, Northern

Boone County									
(Cvg)Gtr Cin Arpt	08	0119EST			0	0			Thunderstorm Wind (G51)
									Winds gusted to 59 mph at the Cincinnati-Northern Kentucky Airport.
Boone County									
Burlington to Florence	08	0130EST			0	0			Hail (1.00)
		0150EST							Hail accumulated several inches in spots. Some of the hail was still on the ground the next morning.
Kenton County									
Erlanger	08	0208EST			0	0			Hail (2.75)
		0215EST							Hail accumulated several inches across the northern part of the county. Three inches of hail remained on the ground at 700 a m EST.
Campbell County									
Southgate to Newport	08	0210EST			0	0			Hail (1.75)
		0230EST							
Kenton County									
2 NW Independence	08	0400EST			0	0			Flood
		0435EST							Persistent heavy rainfall caused creeks to flood across county roads.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>KENTUCKY, Northern</u>									
Carroll County Countywide	16	0500EST 0800EST			0	0			Flood
			Roads closed due to heavy rainfall.						
Gallatin County Countywide	16	0700EST 0900EST			0	0			Flood
			Heavy rain caused Eagle Creek to flood out of its banks.						
Gallatin County Glencoe	30	1200EST 1330EST			0	0			Flood
			Persistent heavy rainfall caused water to flood across roads.						
Carroll County Sanders	30	1220EST 1330EST			0	0			Flood
			Heavy rainfall caused Eagle Creek to overflow its banks.						
<u>KENTUCKY, Southwest</u>									
Trigg County 2 S Caledonia	03	1633CST			0	0			Hail (1.00)
Christian County Herndon	03	1645CST			0	0			Hail (0.75)
Todd County 4 N Elkton	08	0025CST			0	0			Hail (0.75)
			Reported on Highway 181.						
Calloway County New Concord	08	1050CST			0	0			Hail (1.75)
Todd County Elkton	08	1100CST			0	0			Hail (1.00)
Christian County Bennettstown	08	1105CST			0	0	5K		Thunderstorm Wind (G50)
			Trees were downed at a rural residence, and debris was in the yard.						
Trigg County Linton	08	1115CST			0	0	5K		Thunderstorm Wind (G52)
			Thunderstorm winds blew shingles off a roof and broke a TV antenna.						
Muhlenberg County Rosewood	08	1130CST			0	0			Hail (0.75)
			Dime size hail was reported at Lake Malone.						
Carlisle County Bardwell to Cunningham	08	1700CST 1708CST			0	0			Hail (0.75)
			A severe thunderstorm produced dime size hail at several locations.						
Mccracken County 4 S Lone Oak to (Pah)Barkley Arpt Pa	08	1714CST 1728CST			0	0			Hail (1.75)
			A supercell thunderstorm tracked from south to north across western portions of the county. A narrow swath of large hail extended from south of Lone Oak along U.S. Highway 45 to Barkley Regional Airport. Golf ball size hail fell along U.S. Highway 45 near the Graves County line, and half-dollar size hail fell at the Paducah National Weather Service office at Barkley Field.						
Fulton County 2 SW Hickman	08	1743CST			0	0			Hail (1.75)
Lyon County Eddyville	08	1810CST			0	0			Hail (0.75)
			Dime size hailstones whitened the ground.						
Crittenden County Crayne	08	1818CST			0	0			Hail (1.00)
Marshall County Gilbertsville	08	1822CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
KENTUCKY, Southwest									
Union County 3 E Uniontown	08	1830CST			0	0			Thunderstorm Wind (G50)
			Trees and power lines were down.						
Caldwell County 2 NW Cobb	08	1900CST			0	0			Hail (0.75)
Henderson County Henderson	08	1909CST			0	0			Hail (1.00)
Muhlenberg County Bremen	08	1950CST			0	0			Hail (1.00)
Carlisle County Cunningham	08	2208CST			0	0			Hail (0.75)
Ballard County Monkeys Eyebrow to Bandana	13	2005CST			0	0			Thunderstorm Wind (G50)
			Trees were down in northern Ballard County.						
Mccracken County 3 NW Paducah	13	2030CST			0	0			Thunderstorm Wind (G52)
			Gusts to 60 MPH were estimated by spotters on the Kentucky side of the Interstate 24 bridge over the Ohio River.						
Mccracken County 3 W Paducah	13	2122CST			0	0			Thunderstorm Wind (G50)
			A couple of trees were down.						
Hickman County 4 S Fulham	13	2130CST			0	0			Thunderstorm Wind (G52)
			Trees were down.						
Carlisle County 2 N Bardwell	13	2146CST			0	0			Hail (0.75)
			Occurred on U.S. Highway 51.						
Graves County Pottsville to Clear Spgs	13	2202CST 2215CST			0	0			Hail (1.75)
			A severe thunderstorm tracked from northwest to southeast across northern Graves County. A swath of large hail accompanied the storm into southern Marshall County. Golf ball size hail fell at the Kentucky State Police post near Hickory, just north of Mayfield. The storm produced a short-lived tornado in the Viola area.						
Graves County Pottsville to Viola	13	2213CST 2223CST	7	100	0	0	200K		Tornado (F1)
			A tornado caused considerable damage to residences, automobiles, and trees in an area roughly following Kentucky 408, north of Mayfield. Two vehicles were overturned. A mobile home was demolished. Several homes sustained damage to siding and roofing. An outbuilding was blown across a roadway. Large trees were blown down across Kentucky Route 945, blocking it for several hours.						
Marshall County Hardin	13	2230CST			0	0			Hail (1.00)
Calloway County Dexter to Hico	13	2240CST			0	0			Thunderstorm Wind (G52)
			Numerous trees were down in northern Calloway County.						
Christian County 1 S Hopkinsville	14 15	2335CST 0100CST			0	0			Urban/Sml Stream Fld
			Persistent thunderstorms produced heavy rainfall of up to an inch per hour, as reported by a spotter.						
Daviess County Owensboro	15	0808CST			0	0			Hail (0.75)
Calloway County 1 N Hazel	16	0314CST			0	0			Thunderstorm Wind (G52)
			Trees were down on U.S. Highway 641.						
Graves County Wingo	16	1236CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>KENTUCKY, Southwest</u>									
Christian County Peedee to 2 NW Hopkinsville	16	1335CST 1348CST			0	0	10K		Thunderstorm Wind (G52)
									Wind gusts between 55 and 60 MPH accompanied a thunderstorm across much of the county.
Christian County 2 NW Hopkinsville	16	1345CST			0	2	500K		Thunderstorm Wind (G85)
									Thunderstorm winds possibly as high as 100 MPH levelled three barns and demolished a mobile home. A metal farm building was blown from its foundation. Several homes were damaged. This phenomenon, known as a downburst, was between one half and three quarters of a mile wide. Two occupants of the mobile home were injured when they were tossed around. The injuries were cuts to the head and hands.
Todd County Claymour	16	1410CST			0	0			Hail (1.75)
KYZ004>005-007-010-014-018>019			Ballard - Mcracken - Livingston - Crittenden - Union - Henderson - Daviess						
	19 30	0400CST 2359CST			0	0			Flood
									The Ohio River crested 2 to 4 feet above flood stage at most locations along the western Kentucky side. The crest at Paducah was 43.2 feet on the 21st, and flood stage is 39 feet. At Uniontown, where flood stage is 37 feet, the river crested at 41.5 feet. Flooding of agricultural bottomlands was moderate. Some roads near the river were affected.
KYZ020			Mclean						
	20 24	0300CST 0800CST			0	0			Flood
									The Green River crested less than a foot above flood stage at Calhoun on the 22nd. Mainly agricultural bottomland was affected.
Fulton County Countywide	27	1715CST 1915CST			0	0	15K		Flash Flood
									Thunderstorms with very heavy rainfall produced widespread flooding. Radar estimated 2 to 3 inches fell in a few hours time. The main problem was flooded roadways and swollen creeks.
Muhlenberg County Depoy	30	1715CST			0	0			Hail (1.00)
Daviess County 5 W Owensboro	30	1738CST			0	0			Hail (0.75)
<u>LOUISIANA, Northeast</u>									
Catahoula Parish 3 N Harrisonburg	27	2015CST			0	0	1K		Thunderstorm Wind
									Several trees were blown down.
Franklin Parish Gilbert	27	2145CST			0	0			Hail (1.00)
Concordia Parish Ferriday	27	2315CST			0	0	5K		Thunderstorm Wind
									Many trees were blown down throughout the parish.
Madison Parish Coleman	27	2315CST			0	0	4K		Thunderstorm Wind
									Several roofs were damaged.
<u>LOUISIANA, Northwest</u>									
Claiborne Parish Haynesville	08	0643CST 0750CST	0.2	400	0	0	70K		Tornado (F1)
									Tornado set down on the southeast side of Haynesville, within the city limits, and moved from southwest to northeast. The tornado tore off carport roofs, ripped apart patio covers (wood structures), and downed about 50 large trees. Three eyewitnesses saw the tornado move through the area. The touchdown point was 1/4 mile northwest of the Price and Highway 79 intersection and the ending location was two tenths of a mile southwest of the Forrest and Hickory intersection in Haynesville.
Bossier Parish Elm Grove	27	1420CST			0	0			Hail (0.75)
Bienville Parish Arcadia	27	1430CST			0	0			Hail (0.75)
Lincoln Parish Dubach	27	1500CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
LOUISIANA, Northwest									
Dime size hail completely covered the ground.									
Union Parish 5 N Farmerville	27	1530CST			0	0			Hail (0.88)
Union Parish Farmerville	27	1530CST			0	0			Hail (0.88)
De Soto Parish 5 E Holly	27	1620CST			0	0			Hail (0.88)
Red River Parish Abington	27	1650CST			0	0	25K		Thunderstorm Wind (G65)
Large Pecan tree fell on a house crushing the roof.									
Red River Parish Hall Summit	27	1700CST			0	0			Hail (1.75)
Bienville Parish Castor	27	1715CST			0	0			Hail (0.88)
Bienville Parish 11 N Saline	27	1730CST			0	0			Thunderstorm Wind (G65)
Bienville Parish Ringgold	27	1730CST			0	0			Hail (0.88)
Bienville Parish 5 N Saline	27	1730CST			0	0			Thunderstorm Wind (G60)
Bienville Parish Castor	27	1733CST			0	0			Hail (0.88)
Natchitoches Parish Provencal	27	1750CST			0	0			Hail (1.00)
Natchitoches Parish Natchitoches	27	1759CST			0	0			Hail (0.75)
Ouachita Parish 15 WSW Monroe	27	1845CST			0	0			Thunderstorm Wind (G55)
LOUISIANA, Southeast									
East Baton Rouge Parish Baker to Pride	17	1545CST 1615CST			0	0	50K		Thunderstorm Wind
Approximately 60 trees and a few telephone poles were blown down by thunderstorm wind gusts across the north portion of the parish. Several automobiles were damaged by fallen trees. At Baker, a man was trapped in his automobile after a tree fell on the auto. The man escaped unharmed.									
St. Helena Parish 8 NNE Greensburg	17	1550CST			0	0	5K		Thunderstorm Wind
St. Helena Parish 6 SW Greensburg	17	1610CST			0	0	1K		Thunderstorm Wind
Thunderstorm wind gusts downed 6 large oak trees northeast of Greensburg. A house and a mobile home were damaged by the fallen trees. Trees and powerlines were also reported blown down southwest of Greensburg.									
East Feliciana Parish Countywide	17	1600CST 1630CST			0	0	5K		Thunderstorm Wind
Parish sheriffs office reported downed trees in several areas around the parish.									
Tangipahoa Parish 3 W Kentwood to 7 E Kentwood	17	1610CST 1630CST			0	0	50K		Thunderstorm Wind
Tangipahoa Parish Amite	17	1630CST			0	0			Hail (1.75)
Severe thunderstorms moved across the north portion of Tangipahoa Parish downing over 100 trees and causing power outages in many areas. Many rural secondary roadways were closed by fallen trees. In the Kentwood area, seven mobile homes were damaged by fallen trees, fortunately no injuries were reported. There were several reports of funnel clouds but no confirmation of tornadoes touching down. Golfball size hail was reported at Amite.									

Storm Data and Unusual Weather Phenomena

April 1998

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

LOUISIANA, Southeast

Washington Parish

Mt Hermon to Angie	17	1630CST 1700CST			0	0	75K		Thunderstorm Wind
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Severe thunderstorm moved across the extreme north portion of Washington Parish resulting in numerous reports of downed trees and power lines. Most of the damage occurred in the small communities near the Mississippi state line. Approximately 60 houses in the parish had wind damage, many from being struck by falling trees or large tree branches.

Iberville Parish

Grosse Tete	18	0912CST			0	0			Hail (1.75)
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Public reported golfball size hail associated with a severe thunderstorm.

East Baton Rouge Parish

Baton Rouge	28	1615CST			0	0			Hail (0.75)
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Dime to penny size hail was reported on the campus of Louisiana State University

Jefferson Parish

Countywide	29	0500CST 1000CST			0	0			Urban/Sml Stream Fld
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Orleans Parish

Countywide	29	0500CST 1000CST			0	0			Urban/Sml Stream Fld
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Heavy rainfall of 3 to 5 inches in Jefferson Parish and 2 to 3 inches in Orleans Parish caused considerable street flooding during the morning hours. Most of the heavy rainfall and ensuing street flooding occurred during the normal morning commute time, with many traffic delays due to street flooding.

LOUISIANA, Southwest

Lafayette Parish

Broussard	18	0820CST			0	0			Hail (1.25)
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St. Martin Parish

Parks	18	0840CST			0	0			Hail (1.25)
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St. Landry Parish

Plaisance	18	1205CST			0	20			Lightning
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Around one hundred people were inside a tent at the Louisiana International Goat Festival when lightning struck the center pole of the tent. Twenty people were thrown to the ground by the shock. Two people, a woman and a girl, were taken by ambulance to the local hospital, while the remaining were treated at the scene. Many people complained about blisters, swollen arms and legs, and numbness. One goat was killed.

Rapides Parish

Pineville	27	2120CST			0	0	10K		Thunderstorm Wind
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During a severe thunderstorm, trees were blown down, landing on a parked car.

Avoyelles Parish

Marksville	27	2230CST			0	0	50K		Thunderstorm Wind
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Microburst winds blew the roofs off several homes and businesses in Marksville.

Calcasieu Parish

Lake Charles	27	2240CST			0	0			Hail (0.75)
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Cameron Parish

Johnsons Bayou	27	2245CST			0	0			Hail (1.00)
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Avoyelles Parish

Moreauville	27	2330CST			0	0			Hail (0.75)
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LAZ051

Cameron	29	0600CST 1300CST			0	0	75K		Coastal Flooding
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Strong northeast winds and a developing low pressure system in the Gulf of Mexico resulted in minor coastal flooding in Cameron Parish. During high tides, water and debris was strewn across Highway 82 between Holly Beach and Johnson Bayou. Some beach erosion occurred as well.

LAZ054

St. Mary	29	0700CST 1300CST			0	0	50K		Coastal Flooding
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Minor coastal flooding occurred at Burns Point and Cypremort Point in St. Mary Parish. Access roads to the Gulf of Mexico and some personal property had two to three feet of water covering them.

Storm Data and Unusual Weather Phenomena

April 1998

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

MARYLAND, Central

Cos. Isolated power outages were noted - mainly from concentrated lightning strikes.

MARYLAND, Northeast

NONE REPORTED.

MARYLAND, South

NONE REPORTED.

MARYLAND, West

Garrett County Countywide

19	1230EST 2100EST	0	0	Flash Flood
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Heavy rains produced between 2.0 and 3.0 inches of rain across the area. Several small streams briefly came out of their banks and created some minor low-land flooding.

MASSACHUSETTS, Central and East

MAZ003-010 Eastern Franklin - Eastern Hampshire

01	0000EST	0	0	Flood
06	0900EST			

Several days of record warm temperatures at the end of March and resulting snowmelt sent the Connecticut River into flood during the last two days of March and the river crested during the first few days of April. Minor flooding occurred along the river for up to ten days at several locations. Flood stage for the Connecticut River at Montague is 28 feet and the river crested at 31.10 feet at 2 AM on April 1st and then dropped below flood stage at 4 AM on April 5th. At Northampton, flood stage is 112 feet and the river crested at 115.0 feet at 1 PM on April 1st, then dropped below flood stage at 9 AM on April 6th.

MAZ020>022 Southern Bristol - Southern Plymouth - Barnstable

01	1500EST	0	0	Heavy Rain
02	0300EST			

Heavy rain occurred, with amounts totaling 2 inches or more, over southeast coastal Massachusetts. This included the south portion of Bristol and Plymouth Counties and Cape Cod (Barnstable County). Almost all of the rain occurred during a 12-hour period from 3 PM on April 1st to 3 AM on April 2nd. The maximum total of 3.2 inches was reported from Mashpee. Other amounts included: Sandwich, 2.50 inches; East Falmouth, 2.40 inches; Falmouth, 2.34 inches; New Bedford, 2.08 inches; Acushnet, 2.01 inches; and 2.00 inches at Centreville, Pocasset, South Hyannis, and West Yarmouth. Small hail (bb-size) fell at East Falmouth and pea size hail was reported at Pocasset.

MAZ005>007-013>024 Western Middlesex - Western Essex - Eastern Essex - Western Norfolk - Southeast Middlesex - Suffolk - Eastern Norfolk - Northern Bristol - Western Plymouth - Eastern Plymouth - Southern Bristol - Southern Plymouth - Barnstable - Dukes - Nantucket

09	2200EST	0	0	Strong Winds
10	0800EST			

MAZ024 Nantucket

10	0100EST 0300EST	0	0	High Wind (G55)
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A strong, intensifying low pressure system moved to the northeast, passing to the south and southeast of Cape Cod. This brought high winds to Nantucket Island, where a peak wind gust to 63 mph was recorded from the northeast during the early morning hours of April 10th. At about the same time, the Buzzards Bay buoy, at an elevation of 80 feet, recorded a peak gust to 67 mph from the north-northeast.

Strong northeast winds affected most of eastern Massachusetts and especially along the coast from Cape Ann to Cape Cod. Some peak wind gusts to 40 mph or more included: Falmouth and Blue Hill in Milton, 55 mph; Hyannis, 54 mph; Provincetown and West Dennis, 52 mph; Plymouth Airport and Fairhaven, 48 mph; Pocasset, 47 mph; Chatham, 45 mph; Boston (Logan Airport), 44 mph; Lawrence, 43 mph; and Taunton Airport, 40 mph. There were no reports of damage. Rainfall amounts of one to one and one-half inches were reported.

MAZ004>007-012>024 Northern Worcester - Western Middlesex - Western Essex - Eastern Essex - Southern Worcester - Western Norfolk - Southeast Middlesex - Suffolk - Eastern Norfolk - Northern Bristol - Western Plymouth - Eastern Plymouth - Southern Bristol - Southern Plymouth - Barnstable - Dukes - Nantucket

23	1200EST	0	0	Strong Winds
24	0000EST			

MAZ016 Eastern Norfolk

23	1835EST	0	0	High Wind (G54)
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A strong low pressure system passing over the Atlantic to the south and southeast of Cape Cod brought rain and strong winds to central and eastern Massachusetts. This nor'easter caused winds gusting to 40 to 50 mph, especially over coastal areas. The Blue

Storm Data and Unusual Weather Phenomena

April 1998

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

MASSACHUSETTS, Central and East

Hill Observatory in Milton had a peak wind gust to 62 mph around 7:30 PM. In the town of Spencer, in Worcester County, a large section of an oak tree fell and damaged telephone lines and blocked a local road. There were no other reports of damage.

MASSACHUSETTS, West

NONE REPORTED.

MICHIGAN, East

Bay County

Bay City

	01	1400EST		0	0				Thunderstorm Wind (G52)
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Genesee County

Flint

	01	1415EST		0	0				Thunderstorm Wind (G52)
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Tuscola County

1 S Millington

	01	1415EST		0	0				Thunderstorm Wind (G52)
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A fast-moving line of showers with embedded thunderstorms crossed southeast lower Michigan in association with a cold front. A power pole was downed in Bay City. In Flint, power lines were downed, and the roof was blown off of a small outbuilding. Signs were blown down and a barn was destroyed in southwest Tuscola County. The wind gusted to near severe levels across much of southeast lower Michigan.

MIZ048

Bay

09

0900EST

0

0

4K

High Wind (G45)

1500EST

MIZ048-070

Bay - Macomb

09

0900EST

0

0

Flood

2300EST

Strong northeast winds produced some problems near the lakeshores of Bay and Macomb Counties. From late morning through late afternoon, gusts off of Saginaw Bay along the Bay County shore reached near 50 mph. A large tree was downed onto a minivan, destroying it. Power lines were downed, causing 110 Consumers Power customers to lose power.

These winds also produced lakeshore flooding in Bay County. The yards of about a dozen homes were flooded, as were many lakeshore parks. A mobile home park saw some minor flooding. Most of the problems were located in Bangor Township. However, significant beach erosion also took place near Pinconning. A portion of a county park parking lot was swallowed by Saginaw Bay.

Some minor lakeshore flooding also took place along Lake St. Clair in Macomb County. Some lakeshore roads saw high water as 6 foot waves came crashing over seawalls.

MIZ076-083

Wayne - Monroe

09

1100EST

0

0

515K

Flood

10 0600EST

Perhaps the worst lakeshore flood on western Lake Erie in 25 years developed rapidly on the 9th. Low pressure intensified along the Indiana-Ohio border on the morning of the 9th, and moved to near Cleveland, Ohio by evening. Lake Erie water levels were already rather high due to the wet winter and early spring. Northeast gales to 45 knots (52 mph) caused that water to pile up in the shallow western basin of the lake. The Coast Guard station in Toledo, Ohio recorded a maximum water level of about 100 inches above chart datum. This was the highest level recorded since the all-time record of 110 inches, set exactly 25 years previous, on April 9th, 1973.

On top of the extremely high lake level were waves as high as 13 feet, produced by the strong northeast gales. The high water level and wave action caused considerable damage along the Monroe County shoreline. Further compounding the problem was the heavy rain seen that day - as the fire department in the city of Monroe reported 2.03 inches of rain, while 1.79 inches fell in Dundee. With such exceptionally high lake levels, runoff from the heavy rain had nowhere to go. The flooding affected all of the lakeshore communities, including LaSalle Township, Morin Point, Estral Beach, and Luna Pier. Monroe Township got away with only a few problems, due to a dike system constructed after the 1973 flood.

Over 150 properties in Monroe County were damaged, and 120 people were evacuated. Numerous breakwalls and dikes, some constructed of concrete or steel, were destroyed. Numerous streets became impassable, with water three feet deep in Estral Beach. Waves pounded against the roofs of some lakeshore homes. Longtime residents, comparing this flood with the 1973 record flood, noted that although the water level did not get quite as high this time, the floodwaters surged in off Lake Erie much faster. Boats had to be used to get some students home from school in the afternoon.

Backwater flooding took place near the mouth of the River Raisin, where a street was flooded and closed in the city of Monroe.

Storm Data and Unusual Weather Phenomena

April 1998

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

MICHIGAN, East

Water levels also became very high near the mouth of the Detroit River in southeast Wayne County. At Gibraltar, the water level was measured at 81 inches above chart datum. This produced substantial flooding along the Gibraltar shoreline, where water rose to the tops of fire hydrants. Serious flooding also took place on some of the smaller islands in the Detroit River, including Horse, Hamburg, and Elba Islands. Flooding was less widespread on the big island of Grosse Ile, where a couple of riverside roads were inundated.

MIZ053

Saginaw

13 1415EST **0 0** **2K** **High Wind (G40)**

A gust of wind downed an old willow tree in Carrollton Township, two miles north of the city of Saginaw. Part of the tree went through the windshield of a van parked nearby.

Saginaw County

Saginaw **16 1430EST** **0 0** **Hail (0.75)**

Saginaw County

6 N Saginaw **16 1445EST** **0 0** **1K** **Lightning**

Shiawassee County

7 E Owosso **16 1445EST** **0 0** **Thunderstorm Wind (G52)**

Genesee County

Fenton **16 1514EST** **0 0** **Thunderstorm Wind (G52)**

Tuscola County

3 W Caro **16 1515EST** **0 0** **Hail (0.75)**

Oakland County

4 E Holly **16 1530EST** **0 0** **Hail (1.75)**

Oakland County

4 E Holly **16 1530EST** **0 0** **Thunderstorm Wind (G52)**

Tuscola County

7 E Caro **16 1545EST** **0 0** **15K** **Thunderstorm Wind (G69)**

Sanilac County

1.5 SE Sandusky **16 1547EST** **0 0** **Thunderstorm Wind (G52)**

Sanilac County

Shabbona **16 1547EST** **0 0** **3K** **Thunderstorm Wind (G52)**

Sanilac County

Carsonville to Port Sanilac **16 1555EST** **0 0** **Hail (1.75)**
1600EST

Sanilac County

3 S Carsonville to Port Sanilac **16 1557EST** **7.5 100** **0 0** **350K** **Tornado (F1)**
1605EST

Lapeer County

Lapeer **16 1600EST** **0 0** **Hail (0.75)**

St. Clair County

Yale **16 1624EST** **0 0** **Hail (0.75)**

Sanilac County

5 W Croswell **16 1630EST** **0 0** **Hail (1.75)**

A warm front moved north into southern Michigan on the morning of the 16th, as an area of low pressure moved northeast into the southwest corner of the state. Plentiful sunshine during the afternoon allowed for rapid destabilization, and a number of severe thunderstorms developed near the warm front. Thunderstorm activity was mostly multicellular in nature.

The first severe thunderstorm of the day crossed Saginaw and Midland Counties, and produced dime-sized hail in the city of Saginaw. A car was struck by lightning just north of the Zilwaukee Bridge on I-75, damaging ham radio equipment and flattening a tire. A separate storm blew over a corn crib in eastern Shiawassee County, while spotters reported severe winds with another thunderstorm in Fenton. The Fenton storm then produced golfball-sized hail and downed trees east of Holly.

A northwest-southeast oriented band of thunderstorms developed in the Thumb area, and these storms provided the majority of severe weather during the late afternoon hours. Most of the storms within this band were pulse-type storms, producing dime-sized hail and severe downbursts at isolated locations. A strong downburst took place in eastern Tuscola County, where a horse barn was leveled, trees were uprooted, siding of a nearby house and garage was damaged, and a children's swing set was wrapped around a tree. The same decaying storm moved into Evergreen Township in Sanilac County, where it heavily damaged a barn and tore the roofing off of a shed. An isolated storm behind this band produced some dime-sized hail in Lapeer.

The southernmost storm of this band would become the most potent storm of the day. It acquired supercell characteristics as it

Storm Data and Unusual Weather Phenomena

April 1998

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

MICHIGAN, East

moved east across Sanilac County. This storm first caused damage when it downed trees southeast of Sandusky. Rotation in the storm continued to intensify, and a tornado formed between Carsonville and Applegate - the first tornado in Sanilac County since September 2, 1984. The tornado had a continual damage path from its first touchdown until it moved out over Lake Huron at Port Sanilac. Ping-pong to golfball-sized hail preceded the tornado by a few minutes from Carsonville to Port Sanilac. Four homes, ten barns, five silos, and a grain bin were destroyed. Twelve homes and six barns were damaged. Significant damage was done to the public marina in Port Sanilac. Two hundred people were left without power overnight. There were no human casualties, but a horse had to be euthanised after it was seriously injured.

The supercell storm put out an outflow boundary, and an isolated severe thunderstorm developed along this boundary after the supercell had moved out over the open lake. This last severe storm produced large hail along the St. Clair - Sanilac county line.

MICHIGAN, Extreme Southwest

St. Joseph County
5 SW Centreville to
5 NE Mendon

01	1100EST								
	1130EST	0	0	3K	Thunderstorm Wind				

Many trees reported down throughout Joseph county from southwest portion of county through northeast portion.

MICHIGAN, North

MIZ024

Alpena

01	0800EST								
	1200EST	0	0	Flood					

Record breaking snows fell across Alpena county during the first half of March...much of it having a high moisture content. This high moisture content snow quickly melted during a rapid late month warm up which was accompanied by heavy rains. The meltin g snow...in combination with the heavy rains... caused rapid rises on streams and rivers across the county. Water rises on streams were further enhanced by ice which still blocked the main channels of the streams in many instances.

Flooding began during the morning of the 1st and continued into the 4th. At the peak of the flooding over 50 roads across the county were partially closed. Many of these roads received varying amounts of damage to bridges...culverts and related infrastructure. In several instances portions of the roads were entirely washed out. The most extensive flooding of homes occurred in a subdivision on the northwest side of the city of Alpena. In this area...a railroad grade which had been acting as a dike was washed out allowing water from a bordering drainage area to flood the subdivision. Flood waters rose to depths of 5 to 6 feet in the subdivision producing major damage to 40 homes and 3 buisnesses with an additional 70 homes receiving lesser damages. Across the rest of the county...5 additional homes received major damage and 85 homes had varying amounts of minor damage.

Damage to residential structures across the county was estimated at around \$900,000. Damages to roads and related infrastructure was estimated at around \$5,700,000.

MIZ036

Iosco

01	0800EST								
	1200EST	0	0	Flood					

Heavy high moisture content snows fell across Iosco county during the first half of March. This high moisture content snow quickly melted during a late month warm up which was accompanied by heavy rains. The melting snow...in combination with the heavy rains... caused rapid rises on rivers and streams across the county. Water rises on streams was further enhanced by ice which still covered the main channels of many of the streams.

The most extensive flooding across the county occurred along the Au Sable river...Van Etten Lake and Van Etten creek which drains the lake. At the peak of the flooding...Van Etten Lake rose to its highest levels in 30 years.

Across the county...20 homes received flood related damages. Damages to the homes was estimated at around \$20,000. Damages to roads and related infrastructure was around \$80,000.

MICHIGAN, Upper

NONE REPORTED.

MICHIGAN, West

Kalamazoo County
Galesburg

01	1135EST								
		0	0	1.5K	Thunderstorm Wind				

Kalamazoo County Sheriff's Department reported a few trees, large tree branches, and one power line downed in Galesburg.

Calhoun County
5 N Burlington

01	1210EST								
		0	0	0.50K	Thunderstorm Wind				

Storm Data and Unusual Weather Phenomena

April 1998

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

MICHIGAN, West

Calhoun County Central Dispatch relayed reports of one large tree downed and several small trees uprooted along I and J Drives in Newton Township. Local law enforcement officer reported all trees were pushed over in the same direction and damage appeared to be due to straight-line winds. Several trained weather spotters and the local media reported wind gusts of 45 to 50 mph associated with this cluster of thunderstorms as it moved across Battle Creek, Eaton Rapids, and DeWitt.

Calhoun County Homer

01	1220EST			0	0	2.5K	Thunderstorm Wind
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The Homer Index reported a large tree limb fell on a van parked at 810 S. Hillsdale Street in Homer. No one was injured.

MIZ039

Osceola

03	1000EST			0	0		Flood
04	0800EST						

The Muskegon River crested at Ewart at its flood stage of 12 feet at 10:00 am EST on Friday, April 3rd and remained at flood stage until 8:00 am EST on Saturday, April 4th. Only minor flooding occurred and no damages were reported with this event.

Allegan County

16	1200EST			0	0		Hail (1.75)
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Allegan County

16	1200EST			0	0		Hail (1.00)
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Ottawa County

16	1205EST			0	0		Hail (1.75)
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Kent County

16	1216EST			0	0		Hail (0.75)
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Kalamazoo County

16	1300EST			0	0		Hail (0.88)
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Kalamazoo County

16	1303EST			0	0		Hail (1.00)
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Isabella County

16	1345EST			0	0		Hail (1.75)
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Isabella County

16	1400EST			0	0		Hail (0.75)
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Eaton County

16	1420EST			0	0	0.50K	Thunderstorm Wind
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A trained weather spotter reported small trees were downed by thunderstorm wind gusts. Nearby in Charlotte, amateur radio operators reported 40 to 50 mph wind gusts with this thunderstorm.

Ingham County

16	1420EST			0	0		Hail (0.75)
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A line of severe thunderstorms developed north of a warm front, which extended east of a deepening low pressure center that moved east across southern Lake Michigan during the afternoon of Thursday, April 16th. The thunderstorms moved across much of southwest and south central Lower Michigan between Noon and 4:00 pm EDT. Cold temperatures in the upper levels of the atmosphere led to hail development and several reports of nickel to quarter-sized hail were received.

Ottawa County

21	1535EST			0	0	60K	Lightning
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The Muskegon Chronicle reported that lightning struck the roof of a brick house at 10048 State St. in Nunica at 4:45 pm EDT. No one was injured in the blaze that ensued. Damage to the home was estimated at \$45,000 and the fire destroyed about \$15,000 worth of the family's belongings.

MIZ051

Montcalm

27	0000EST			0	0	100K	Extreme Cold
28	0800EST						

Local newspapers reported fruit bud damage occurred the mornings of April 27th and 28th as temperatures both mornings fell into the mid 20s. Owner Bruce Watts of Watts Orchards in Howard City said over 75 acres of his 150-acre of apple, peach, cherry, and plum orchards were damaged. Gwen Anderson, who owns Anderson Orchards in Stanton, estimated a 50-percent loss of her 225-acre orchard.

MINNESOTA, Central and South Central

Waseca County

06	1735CST			0	0		Hail (0.75)
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Steele County

06	1740CST			0	0		Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MINNESOTA, Central and South Central</u>									
Renville County 7 S Olivia	12	1842CST			0	0			Hail (0.75)
Renville County 20 ENE Olivia	12	1900CST			0	0			Hail (1.00)
Swath of 3/4 to 11/4 inch hail swept from southwest to northeast across the county.									
Stevens County 9 E Donnelly	12	1925CST			0	0			Thunderstorm Wind (G62)
<u>MINNESOTA, Northeast</u>									
MNZ037		Southern St. Louis / Carlton							
	12	1657CST			0	0			High Wind (G50)
High winds not associated with thunderstorms resulted in a gust to 50 knots (58 mph) at Duluth International Airport.									
<u>MINNESOTA, Northwest</u>									
MNZ022>023-027>030		Mahnomen - South Clearwater - West Becker - East Becker - Wilkin - West Otter Tail							
	01	0000CST			0	0			Heavy Snow
		1000CST							
Bands of heavy snow fell as wrap-around precipitation from a low pressure system tracking toward the Great Lakes. Several bands became nearly stationary, extending from southeast Richland county in North Dakota to southern Clearwater county in Minnesota. Heavy snow fell across this line, with a sharp cutoff to little snow on either side of the line. 10 inches fell near Bass Lake in Mahnomen county, 11 inches fell near Tulaby Lake in Becker county, and 9 inches fell at Waubun in Mahnomen county.									
<u>MINNESOTA, Southeast</u>									
Mower County Rose Creek	15	2345CST			0	0			Hail (1.50)
<u>MINNESOTA, Southwest</u>									
MNZ071-097>098		Lincoln - Pipestone - Rock							
	12	1000CST			0	0	30K		High Wind (G48)
		1700CST							
South winds sustained near 40 mph for several hours with gusts above 50 mph blew the roof off a trailer home near Woodstock and caused minor tree damage over the area.									
Jackson County .5 N Jackson	12	1800CST			0	0	5K		Thunderstorm Wind (G55)
Thunderstorm winds blew over a mobile storage warehouse, causing damage to the structure and to potato chips stored inside.									
<u>MINNESOTA, West</u>									
NONE REPORTED.									
<u>MINNESOTA, West Central</u>									
MNZ039-046		Traverse - Big Stone							
	12	0900CST			0	0			High Wind (G44)
		1600CST							
A very intense area of low pressure moving along the South Dakota and North Dakota border created high winds of 30 to 50 mph across Big Stone and Traverse counties through the late afternoon of the 12th. The high south winds caused some damage to houses and outbuildings across the counties, along with downing many tree branches and a few trees.									
<u>MISSISSIPPI, Central</u>									
Bolivar County 1 W Cleveland	02	2324CST			0	0			Hail (0.88)
		2334CST							
Bolivar County 2 E Cleveland	02	2330CST			0	0			Hail (0.88)
		2345CST							
Winston County Louisville	02	2345CST			0	0	3K		Thunderstorm Wind
Several trees and power poles were blown down.									
Lauderdale County Russell	03	0022CST			0	0			Hail (0.88)
Lauderdale County Kewanee	03	0040CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSISSIPPI, Central									
Bolivar County Duncan	08	0745CST			0	0	2K		Thunderstorm Wind
									Several trees were blown down.
Leflore County Sidon	08	1650CST			0	0			Hail (0.75)
Holmes County Tchula	08	1700CST			0	0			Hail (0.75)
Humphreys County Belzoni	08	1700CST			0	0			Hail (0.75)
Neshoba County 6 E Philadelphia	08	1708CST			0	0			Hail (0.75)
Carroll County 2 S Coila	08	1715CST			0	0			Hail (1.00)
Neshoba County 5 E Philadelphia	08	1725CST			0	0			Hail (0.75)
Montgomery County Winona	08	1745CST			0	0			Hail (0.75)
Montgomery County Winona	08	1745CST			0	0	4K		Thunderstorm Wind
									Several trees were blown down throughout the county.
Newton County Union	08	1800CST			0	0			Hail (0.75)
Kemper County De Kalb	08	1810CST			0	0	20K		Thunderstorm Wind
									Three roofs of houses were damaged and one roof was blown off. Several trees and power lines were blown down.
Hinds County Jackson	08	1828CST			0	0			Hail (0.75)
Rankin County Flowood	08	1830CST			0	0			Hail (0.88)
Newton County Union	08	2015CST			0	0			Hail (0.75)
Lauderdale County 4 NW Meridian	08	2110CST			0	0			Hail (1.75)
Lauderdale County 3 E Meridian	08	2110CST			0	0			Hail (1.75)
Lauderdale County 2 S Meridian	08	2110CST			0	0			Hail (1.75)
Kemper County Porterville	14	1430CST			0	0	5K		Thunderstorm Wind
									The roof of a porch was blown off and one tree was blown down.
Bolivar County 2 W Skene	16	1539CST			0	0			Hail (1.75)
Bolivar County 3 W Shaw to 2 N Shaw	16	1547CST 1600CST	4	100	0	0	30K		Tornado (F1)
									One house was severely damaged. The windows were blown out of several mobile homes and a couple of boats were flipped over.
Sunflower County Parchman	16	1549CST			0	0			Hail (0.75)
Bolivar County Cleveland	16	1600CST			0	0			Hail (0.88)
Sunflower County 1 S Ruleville	16	1612CST			0	0			Hail (1.75)
Leflore County 3 SW Minter City	16	1635CST	2	50	0	0			Tornado (F0)
									This weak tornado moved across an open field.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
MISSISSIPPI, Central									
Leflore County 4 S Minter City	16	1640CST			0	0	5K		Thunderstorm Wind
									Tin and shingles were blown off of several buildings.
Grenada County Grenada	16	1730CST			0	0	4K		Thunderstorm Wind
									Several power lines were blown down.
Forrest County 9 SE Hattiesburg	17	1600CST			0	0			Hail (0.75)
Lamar County Baxterville	17	1610CST			0	0			Hail (0.88)
Lamar County Purvis	17	1619CST			0	0			Hail (1.75)
Forrest County 9 SE Hattiesburg	17	1625CST			0	0			Hail (1.75)
Forrest County Carnes	17	1632CST			0	0	50K		Hail (4.50)
									Many cars and roofs were damaged.
Forrest County Carnes	17	1632CST	1.5	50	0	0	5K		Tornado (F0)
									A few trees were blown down and minor damage was done to some property.
Lamar County 5 W Purvis	17	1635CST			0	0			Hail (2.50)
Marion County Columbia	17	1700CST			0	0			Hail (1.75)
Marion County 7 SW Columbia	17	1700CST			0	0	50K		Thunderstorm Wind
									Three homes, five mobile homes, and several barns were damaged.
Marion County Sandy Hook	17	1700CST			0	0	20K		Thunderstorm Wind
									Many trees and power lines were blown down. Minor damage was done to several structures.
Lamar County Purvis	17	1735CST			0	0	50K		Hail (2.50)
									Automobiles and roofs were damaged.
Forrest County 7 S Hattiesburg	17	1748CST			0	0			Hail (1.75)
Forrest County 9 SE Hattiesburg	17	1810CST			0	0			Hail (1.00)
Forrest County 2 S Brooklyn	17	1825CST			0	0			Hail (1.75)
Marion County 2 S Columbia	17	1845CST			0	0			Hail (1.75)
Marion County 5 S Columbia	17	1845CST			0	0	5K		Thunderstorm Wind
									Numerous trees were blown down.
Lamar County Purvis	17	1900CST			0	0	20K		Thunderstorm Wind
									Many trees were blown down throughout the county and several chicken houses were damaged.
Forrest County Petal	17	1913CST			0	0			Hail (0.75)
Forrest County Hattiesburg	17	1915CST			0	0			Hail (0.88)
Forrest County Dixie Pine	17	1919CST			0	0			Hail (1.75)
Jones County 4 N Ellisville	17	1932CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSISSIPPI, Central									
Jefferson Davis County									
Prentiss	17	2100CST			0	0			Hail (0.75)
Clarke County									
4 E Enterprise	17	2240CST			0	0			Hail (1.00)
Lauderdale County									
3 SE Meridian	17	2300CST			0	0			Hail (1.00)
Newton County									
3 W Chunky	18	0000CST			0	0	2K		Thunderstorm Wind
Several trees were blown down.									
Lauderdale County									
Bailey	18	0028CST			0	0			Hail (1.00)
Simpson County									
Harrisville	18	0730CST			0	0			Hail (1.75)
Lauderdale County									
(Nmm)Nas Meridian	18	0800CST			0	0			Hail (0.75)
Lauderdale County									
Okatibbee Lake	18	0800CST			0	0			Hail (0.75)
Kemper County									
Porterville	18	0805CST			0	0			Hail (0.75)
Copiah County									
Hazlehurst	18	0820CST			0	0			Hail (0.75)
Newton County									
Chunky	18	0836CST			0	0			Hail (1.00)
Simpson County									
3 W Magee	18	1128CST			0	0			Hail (0.75)
Webster County									
2 S Eupora	27	1445CST			0	0			Hail (0.75)
Bolivar County									
Scott	27	1750CST			0	0	100K		Hail (2.75)
Many automobiles and roof tops were damaged.									
Bolivar County									
Shaw	27	1815CST			0	0			Hail (0.75)
Sunflower County									
Ruleville	27	1855CST			0	0			Hail (1.25)
Sunflower County									
Ruleville	27	2010CST			0	0			Hail (1.25)
Sunflower County									
Ruleville	27	2010CST			0	0	5K		Thunderstorm Wind
A porch was blown off a mobile home and several trees were blown down.									
Claiborne County									
Port Gibson	27	2345CST			0	0	4K		Thunderstorm Wind
Numerous trees were blown down throughout the county.									
Warren County									
Le Tourneau	28	0020CST			0	0	5K		Thunderstorm Wind
Numerous trees were blown down.									
Hinds County									
4 NE Edwards	28	0030CST			0	0	2K		Thunderstorm Wind
Several trees were blown down.									
Madison County									
Flora	28	0110CST			0	0	10K		Thunderstorm Wind
A roof was blown off of an airport hanger and several trees were blown down.									
Madison County									
7 W Canton	28	0125CST			0	0	2K		Thunderstorm Wind
Several trees were blown down.									

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MISSISSIPPI, North									
Lafayette County Oxford	03	0033CST 0038CST			0	0	0.50K		Hail (1.50)
									Hail that was smaller than golfball size fell on the east side of town.
Tishomingo County 2 N Midway	03	0220CST 0225CST			0	0	0.01K		Hail (0.75)
									Dime size hail covered the road.
MSZ005>006 Alcorn - Tishomingo	03	1400CST 1500CST			0	0	2K		High Wind
									A few trees were knocked down by winds not associated with a thunderstorm.
Coahoma County Countywide	08	0734CST 0745CST			0	0	5K		Thunderstorm Wind
									Several houses across the county suffered roof damage. Some trees were also knocked down.
Coahoma County Clarksdale	08	0810CST 0815CST			0	0	0.15K		Hail (1.00)
									Nickle to quarter size hail fell at the airport in Clarksdale.
Quitman County Marks to Sledge	08	0820CST 0940CST			0	0	0.20K		Hail (1.00)
Alcorn County Collinstown	08	1612CST 1620CST			0	0	0.75K		Hail (1.75)
Alcorn County Collinstown	08	1612CST 1620CST			0	0	1K		Thunderstorm Wind
									Several trees were knocked down.
Pontotoc County Ecu	08	1712CST 1725CST			0	0	0.85K		Hail (1.75)
									Hail ranging from quarter to golfball size fell on Ecu.
Union County Ingomar to Sherman	08	1715CST 1730CST			0	0	25K		Thunderstorm Wind
									Two mobile homes were lifted off their foundations. The frame work of a new house was knocked down. An awning over a front porch to a mobile home was ripped off. A tractor shed was demolished. A few other mobile homes were damaged. Several tree s were knocked down.
Lafayette County Denmark	08	1720CST 1725CST			0	0	0.50K		Hail (1.25)
Lafayette County Lafayette Spgs to 1 E Lafayette Spgs	08	1720CST 1725CST			0	0	5K		Thunderstorm Wind
									Several trees were knocked down with one landing on a house.
Pontotoc County Sherman to Thaxton	08	1725CST 1730CST			0	0	0.85K		Hail (1.75)
									Quarter size hail fell in the Sherman area while golf ball size hail fell in Thaxton.
Pontotoc County 4 W Thaxton to 1 E Thaxton	08	1725CST 1730CST			1	0	50K		Thunderstorm Wind
									One person was killed when his mobile home was demolished. One house had its windows blown out of it. A shed lost its roof. Two mobile homes and one house were damaged. A horse was killed in the storm. Numerous trees were blown down. M16MH
Union County Sherman	08	1740CST 1745CST			0	0	0.10K		Hail (1.00)

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MISSISSIPPI, North									
Lee County Guntown	08	1750CST 1755CST			0	0	1K		Thunderstorm Wind
			A few trees were knocked down.						
Lee County Saltillo	08	1750CST 1755CST			0	0	10K		Hail (1.75)
			Several cars were damaged at the Birmingham Ridge Baptist Church by the hail including broken windows.						
Pontotoc County Friendship	08	1750CST 1755CST			0	0	1K		Thunderstorm Wind (G55)
			Several trees were knocked down.						
Tishomingo County Golden	08	1805CST 1810CST			0	0	0.01K		Hail (0.75)
Tishomingo County Belmont	08	1810CST 1825CST			0	0	200K		Thunderstorm Wind
			A lumber truck was overturned. Several homes and businesses suffered roof damage and had windows blown out of them . Numerous power lines, telephone lines and trees were blown down with some of the trees landing on houses.						
Itawamba County Ratliff	08	1815CST 1820CST			0	0	0.75K		Hail (1.75)
Chickasaw County Houston	08	1820CST 1825CST			0	0	5K		Thunderstorm Wind
			A few trees and some power lines were blown down.						
Tishomingo County Iuka	08	1915CST 1920CST			0	0	0.01K		Hail (0.75)
Lowndes County Caledonia	08	1919CST 1925CST			0	0	0.75K		Hail (1.75)
MSZ012 Panola 16		1030CST			0	3	160K		High Wind (G35)
			A wind gust estimated to be between 30 and 40 mph brought down the steel framing of an arena under construction in Batesville . Three men were injured as the structure collapsed.						
Tate County Wyatte	16	1600CST			0	0	0.75K		Hail (1.75)
Tallahatchie County Sumner	16	1610CST 1615CST			0	0	0.10K		Hail (1.00)
Tallahatchie County Sumner	16	1610CST 1615CST			0	0	1K		Thunderstorm Wind
			A car was blown off the road.						
Panola County Tocowa	21	1710CST 1715CST			0	0	0.01K		Hail (0.75)
Tunica County Robinsonville	27	1545CST 1550CST			0	0	0.01K		Hail (0.75)
De Soto County 1 W Nesbit	27	1620CST 1625CST			0	0	0.01K		Hail (0.75)
De Soto County 1 E Hernando	27	1631CST 1640CST			0	0	0.01K		Hail (0.75)

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MISSISSIPPI, North									
De Soto County 3 N Lewisburg	27	1650CST 1655CST			0	0	0.01K		Hail (0.75)
Tate County Wyatte	27	1657CST 1705CST			0	0	0.10K		Hail (1.00)
Marshall County Chulahoma	27	1710CST 1715CST			0	0	0.01K		Hail (0.75)
Marshall County 8 W Potts Camp	27	1740CST 1745CST	0.2	10	0	0	1K		Tornado (F0)
			A tornado briefly touched down knocking down a few trees.						
Marshall County Marianna to Potts Camp	27	1800CST 2000CST			0	0	10K		Flash Flood
			Several roads were damaged in the Potts Camp area due to the flooding. Two miles of railroad tracks were washed out near Potts Camp. Several roads near Marianna were covered by water.						
Benton County Hickory Flat	27	1817CST 1825CST			0	0	10K		Hail (1.75)
			One home had its roof collapse due to the golf ball size hail, the heavy rain and gusty winds.						
Tate County Independence	27	1817CST 1825CST			0	0	0.01K		Hail (0.75)
Benton County 3 W Hickory Flat	27	1825CST 1830CST			0	0	1K		Thunderstorm Wind
			Several trees were knocked down.						
Tippah County Blue Mtn	27	1835CST 1910CST			0	0	1.3K		Hail (1.75)
			Hail ranging from dime to golfball size fell near Blue Mountain.						
Marshall County 1 E Waterford to 4 W Waterford	27	1915CST 1930CST			0	0	0.80K		Hail (1.75)
			Hail ranging from nickle to golfball size fell near Waterford.						
Tippah County Ripley	27	1945CST 1950CST			0	0	0.01K		Hail (0.75)
Panola County Courtland	27	2030CST 2035CST			0	0	10K		Thunderstorm Wind
			A power pole was blown down. Two dogs were electrocuted by live wires attached to that pole. One house was damaged and a mobile was lifted up.						
Union County Keownville	27	2120CST 2125CST			0	0	0.01K		Hail (0.75)
Tippah County Ripley	27	2145CST 2150CST			0	0	1K		Thunderstorm Wind
			A couple of trees were knocked down.						
Union County Keownville	27	2150CST 2155CST			0	0	0.01K		Hail (0.75)
Tippah County Ripley	27	2211CST			0	0	5K		Lightning
			Lightning split a chimney, punched a hole in a roof and damaged several electrical items in a house.						

Storm Data and Unusual Weather Phenomena

April 1998

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					Killed	Injured	Property	Crops	

MISSISSIPPI, South

Pike County Osyka	17	1625CST			0	0	5K		Thunderstorm Wind
Pike County 6 E Osyka	17	1625CST			0	0	10K		Thunderstorm Wind
Walthall County 3 W Simonds to 12 ESE Tylertown	17	1635CST 1705CST			0	0	50K		Thunderstorm Wind
Walthall County 1 W Tylertown	17	1650CST			0	0			Hail (1.75)
Walthall County Kirklin	17	1725CST			0	0			Hail (1.75)
Pearl River County Hillsdale	17	1758CST			0	0	1K		Thunderstorm Wind
Pike County Magnolia	17	1817CST			0	0			Hail (1.75)

Several clusters of severe thunderstorms moved across extreme southwest Mississippi during the late afternoon and evening hours. Wind gusts were estimated in excess of 65 mph in several locations. The primary damage reported was a considerable number of downed trees, especially across the south portion of Walthall County where fallen trees blocked several rural roadways. Pike County civil defense officials reported a roof was blown off of a barn east of Osyka. Several funnel clouds were reported but no touchdown of tornadoes were confirmed. Large hail, up to golfball size, was reported in several locations of southern Pike and Walthall Counties. Golfball size hail covered the ground just west of Tylertown.

Pike County Osyka	17	1625CST			0	0			Funnel Cloud
Reported by Pike County Civil Defense									
Pike County 1 W Mc Comb	28	0200CST			0	0			Hail (0.88)
Civil Defense reported nickel size hail									

MISSISSIPPI, Southeast

Perry County New Augusta	17	1650CST 1652CST			0	0	10K	2K	Hail (2.75)
Baseball size hail was reported around New Augusta. Several vehicles suffered damage and several homes had roof damage and windows broken.									
Greene County Leakesville to Kittrell	17	1700CST 1715CST			0	0	30K	30K	Hail (2.75)
Greene County Leakesville to Kittrell	17	1700CST 1715CST			0	0	40K		Thunderstorm Wind (G70)
Several severe thunderstorms moved across southeast Mississippi Friday evening on April 17. The first storm did the most damage across Greene county with high winds blowing down trees throughout the county with the hardest hit areas being in the east part of the county. Several barns, chicken houses and carports were damaged by the high winds. Baseball size hail also accompanied the thunderstorms. The Leakesville area also had large hail in March. The hail stripped leaves from trees and damaged unprotected vehicles. Several homes with windows that faced to the west had them broken out and many roofs suffered damage.									
Perry County Janice to Richton	17	1815CST 1825CST			0	0	15K		Thunderstorm Wind (G60)
Trees and power lines were blown down from Janice to near Richton as another round of thunderstorms moved across southeast Mississippi. These storms did not have the large hail as the earlier storms but still had damaging winds.									
Stone County Northwest Portion	28	0600CST 0930CST			0	0	10K		Flash Flood

Street flooding was reported in the northwest part of the county, generally along and north of Mississippi Highway 26 and west of Wiggins. Many secondary roads had to be closed for several hours until the water had drained from the streets. Doppler radar estimated three to four inches of rain fell across the area.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
MISSISSIPPI, Southeast									
Perry County Countywide	28	0600CST 0930CST			0	0	30K		Flash Flood
									Heavy rains caused flooding of many secondary roads across the county. Many secondary dirt roads had to be closed for several hours. Secondary roads with the most damage were generally along Mississippi Highway 29 from Janice to New Augusta and near Runnelstown. Doppler radar estimated four to five inches of rain fell across the area in a three hour period.
Wayne County Central Portion to North Portion	28	0730CST 0945CST			0	0	25K		Flash Flood
									Heavy rains caused flooding of several secondary dirt roads in the central and north portion of the county. The roads were closed for several hours until the water had drained. Most of the closures were north of U S Highway 84. Doppler radar estimated four to five inches of rain fell across the area.
MISSOURI, East									
Clark County 1 SW Wayland to 1 S Wayland	07	1520CST 1525CST	2.5	50	0	0	50K		Tornado (F1)
									A small tornado caused damage in the Wayland vicinity. A vacant mobile home was flipped over, and 2 machine sheds and a barn destroyed. Trees and power lines were also downed.
Washington County Potosi	13	1045CST			0	0			Hail (0.75)
									A severe storm spotter reported 3/4 inch hail.
Monroe County 7 W Holliday	13	1258CST			0	0			Hail (0.75)
									A severe storm spotter reported 3/4 inch hail.
Callaway County 2.5 S Kingdom City	13	1340CST 1343CST	0.5	70	0	0	50K		Tornado (F1)
									A small tornado occurred along Highway 54 between Kingdom City and Fulton, destroying 4 mobile homes and damaging at least 6 others. The destroyed mobile homes were unoccupied. A nearby barn lost its roof and several nearby storage sheds were also destroyed.
Montgomery County Montgomery City	13	1410CST			0	0			Hail (1.00)
									1 inch hail covered the ground in the northwest part of Montgomery City.
Crawford County Cuba	13	1415CST			0	0			Hail (0.75)
									3/4 inch hail was reported in Cuba.
Montgomery County Bellflower	13	1420CST 1421CST	0.2	50	0	0			Tornado (F0)
									A sheriff deputy reported a brief tornado touchdown in open country near Bellflower. There was no damage.
Montgomery County Big Spg	13	1430CST			0	0			Hail (1.50)
									1.5 inch hail was reported in Big Spring.
Montgomery County Jonesburg	13	1500CST			0	0			Hail (1.25)
									1 1/4 inch hail was reported in Jonesburg.
Warren County Warrenton	13	1505CST			0	0			Hail (1.75)
									A severe storm spotter reported golf-ball size hail.
Warren County Warrenton	13	1505CST			0	0			Hail (1.75)
Warren County 3 NW Warrenton	13	1507CST			0	0			Hail (1.00)
									Severe storm spotters reported hail up to golfball size around Warrenton.
Warren County 1 E Warrenton to 3 E Wright City	13	1509CST 1522CST	8.5	50	0	0	0.50K		Tornado (F0)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, East									
St. Charles County Forstell to Lake St Louis	13	1522CST 1544CST	9.5	50	0	0			Tornado (F0)
A weak tornado tracked from just east of Warrenton in Warren County to Lake St. Louis in St. Charles County. The tornado was spotted several times along the path by severe storm spotters, intermittently touching down but causing very little damage. The only reported damage of note was to the garage doors at the truck weigh station along Interstate 70 in Forstell.									
Warren County Warrenton	13	1540CST			0	0			Hail (1.75)
Golfball size hail was reported in Warrenton.									
St. Charles County O Fallon	13	1550CST			0	0			Thunderstorm Wind (G52)
St. Charles County St Paul	13	1550CST			0	0			Thunderstorm Wind (G52)
Severe storm spotters reported trees and power lines down in St. Paul and near Highway P on the north side of O'Fallon.									
St. Charles County St Charles Arpt	13	1605CST			0	0			Thunderstorm Wind (G60)
Thunderstorm wind gusts destroyed a barn near the St. Charles Airport.									
Reynolds County Centerville	13	1613CST			0	0			Hail (0.75)
A severe storm spotter reported 3/4 inch hail.									
Franklin County Sullivan	13	1625CST			0	0			Hail (1.50)
Severe storm spotters reported 1 1/2 inch hail.									
Ste. Genevieve (C) 1.7 W Lawrenceton to 1.5 W Lawrenceton	13	1626CST 1628CST	0.2	75	0	0	60K		Tornado (F1)
A small tornado caused damage along County Route Y just west of Lawrenceton. The County Tavern business was destroyed and a mobile home lost half of its roof. Tow people inside the tavern escaped injury by taking shelter in the bar's meat cooler. Trees and power lines were also downed in the area.									
Reynolds County Centerville	13	1634CST			0	0			Hail (0.75)
3/4 inch hail was reported in Centerville.									
St. Louis County Maryland Hgts to Overland	13	1635CST 1640CST	3	100	0	1	2.5M		Tornado (F1)
A small tornado left a path of damage across west St. Louis County, from the WestPort area in Maryland Heights to near Ashby Road in Overland. Most of the damage was F0 in intensity; primarily damage to trees, power lines, roofs and some decks and porches. About 30 homes and 40 businesses suffered some type of damage. The F1 damage was limited to a small area near Lackland Road and Lindbergh Boulevard. The Carol House Furniture store suffered the most damage, losing part of a wall and the roof. Two nearby automobile dealerships had about 200 cars damaged. One school had roof damage and windows broken. The one injury occurred when a century-old oak tree crashed into the kitchen where a man was sitting. He was treated for head and leg injuries.									
St. Louis County Lemay	13	1700CST			0	0			Hail (1.75)
Severe storm spotters reported golfball size hail near Baumgartner and Telegraph roads.									
Jefferson County Arnold	13	1705CST			0	0			Hail (1.75)
Emergency management personnel reported golfball size hail.									
St. Louis County Oakville	13	1710CST			0	0			Hail (1.75)
Emergency management personnel reported golfball size hail.									
Jefferson County De Soto	13	1721CST			0	0			Hail (0.75)
A severe storm spotter reported 3/4 inch hail on the north side of DeSoto.									
Iron County 5 SW Ironton	13	1725CST			0	0	0.10K		Hail (1.75)
Golfball size hail broke a windshield on a car at Taum Sauk State Park.									

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, East									
Osage County Meta	15	1400CST			0	0			Hail (1.00)
Osage County Argyle	15	1406CST			0	0			Hail (1.00)
Osage County Freeburg	15	1412CST			0	0			Hail (0.75)
			Skywarn spotters reported hail ranging from 3/4 to 1 inch covering the ground across parts of Osage County.						
Gasconade County Bland	15	1439CST			0	0			Hail (0.75)
			The public reported 3/4 inch hail in south Gasconade County.						
Gasconade County Canaan	15	1450CST			0	0			Hail (1.75)
Gasconade County Owensville	15	1456CST			0	0			Hail (1.00)
			Hail up to golfball size fell across south Gasconade County.						
Osage County Freeburg	15	1455CST 1505CST			0	0			Hail (0.75)
			3/4 inch hail fell for about 10 minutes in Freeburg.						
Franklin County St Clair	15	1514CST			0	0			Hail (0.75)
Franklin County St Clair	15	1520CST			0	0			Hail (1.00)
			Spotters reported hail up to 1 inch in diameter in St. Clair.						
Franklin County Gerald	15	1525CST			0	0			Hail (1.00)
			Spotters reported 1 inch hail.						
Franklin County Stanton	15	1538CST			0	0			Hail (1.75)
			Spotters reported golfball size hail.						
Franklin County Catawissa	15	1542CST			0	0			Hail (0.75)
			Spotters reported 3/4 inch hail.						
Franklin County Lonedell	15	1544CST			0	0	50K		Hail (2.75)
			Baseball size hail was reported in the Lonedel/Luebbering area. Wind-blown hail knocked holes in siding on homes, broke windows and windshields and dented cars.						
Franklin County Robertsville	15	1547CST 1552CST			0	0			Hail (1.75)
			Hail up to golfball size fell in Robertsville.						
Jefferson County Herculaneum	15	1608CST			0	0			Hail (1.00)
Jefferson County Antonia	15	1609CST			0	0			Hail (1.00)
Jefferson County Crystal City	15	1611CST			0	0			Hail (0.75)
Jefferson County Herculaneum	15	1613CST			0	0			Hail (1.75)
			Spotters reported hail up to golfball size fell across northeast Jefferson county.						
Boone County Centralia	15	1640CST			0	0			Hail (0.75)
			Spotters reported 3/4 inch hail.						
Jefferson County Arnold	15	1735CST			0	0			Hail (0.75)
			Spotters reported 3/4 inch hail.						

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MISSOURI, East</u>									
St. Louis County Oakville	15	1737CST			0	0			Hail (0.75)
		Spotters reported 3/4 inch hail in south St. Louis County.							
Madison County 2 ESE Saco to 1 SW Marquand	15	1939CST	12	100	0	0			Tornado (F1)
		A tornado formed just southeast of Saco near Highway HH and tracked northeast to just southwest of Marquand. Rows of trees were downed along the path. A barn and some outbuildings were damaged at the end of the track near the intersection of County Road 310 and Highway M.							
Iron County 5 E Ironton	15	1957CST			0	0			Hail (1.75)
		Golfball size hail was reported east of Ironton.							
Madison County 5 E Roselle	15	2010CST			0	0			Hail (0.75)
		County sheriff reported 3/4 inch hail near Roselle.							
St. Charles County St Peters	15	2255CST			0	0			Hail (0.75)
St. Charles County Harvester	15	2300CST			0	0			Hail (0.75)
		3/4 inch hail was reported by spotters and National Weather Service personnel across southern St. Peters and in the Harvester area of St. Charles County.							
Jefferson County Grubville	27	1449CST			0	0			Hail (1.75)
		A local television station relayed a report of golfball size hail from one of their weather watchers.							
Jefferson County Cedar Hill	27	1505CST			0	0			Hail (1.00)
		Amateur radio spotters reported 1 inch hail.							
St. Louis County Fenton	27	1535CST			0	0			Hail (2.00)
		Storm spotters reported 2 inch hail at the intersection of Interstate 44 and Highway 141.							
St. Louis County Manchester	27	1543CST			0	0			Hail (0.75)
		Amateur radio spotters reported 3/4 inch hail.							
St. Louis County Des Peres	27	1555CST			0	0			Hail (1.75)
		Amateur radio spotters reported golfball size hail at Interstate 270 and Manchester Road.							
St. Louis County Creve Coeur	27	1606CST			0	0			Hail (1.00)
		A local meteorology company reported 1 inch hail covering their parking lot.							
<u>MISSOURI, Lower</u>									
Dunklin County Cardwell	08	1615CST 1620CST			0	0	0.85K		Hail (1.75)
		Hail ranging from quarter to golfball size fell on Cardwell.							
Dunklin County 5 W Kennett	08	1740CST 1745CST			0	0	0.10K		Hail (1.00)
Dunklin County Kennett	27	1630CST 1635CST			0	0	0.15K		Hail (1.00)
		Nickle to quarter size hail fell in Kennett.							
Pemiscot County Pascola to Deering	27	1650CST 1655CST			0	0	0.75K		Hail (1.75)
Pemiscot County Hayti	27	1715CST 1720CST			0	0	0.10K		Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

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

MISSOURI, Lower

Pemiscot County Caruthersville

27	1840CST 1845CST				0	0	1K		Thunderstorm Wind
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A few trees were blown down.

MISSOURI, Northwest

MOZ020>021-023- 028-031>032-037>040- 044-046 Buchanan - Clinton - Livingston - Platte - Carroll - Chariton - Jackson - Lafayette - Saline - Howard - Johnson - Cooper

01 06	0000CST 2359CST				0	0			Flood
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Minor to moderate river flooding occurred during the first week of April over Northwest and North Central Missouri.

Petite Saline Creek
Boonville, MO

Flood Stage	16 ft
Above Flood Stage	4/1
Crest	20.57 ft from 3/31

Blackwater River
Valley City, MO

Flood Stage	22 ft
Above Flood Stage	4/1
Crest	Estimated 27.0 ft

Blue Lick, MO

Flood Stage	24 ft
Above Flood Stage	4/1 to 4/5
Crest	29.98 ft on 4/3

South Grand River
Urich, MO

Flood Stage	24 ft
Above Flood Stage	4/1 to 4/6
Crest	27.2 ft

Wakenda Creek
Carrollton, MO

Flood Stage	20 ft
Above Flood Stage	4/1
Crest	22.5 ft

Platte River
Agency, MO

Flood Stage	20 ft
Above Flood Stage	4/1 to 4/2
Crest	24.91 ft

Sharps Station, MO

Flood Stage	26 ft
Above Flood Stage	4/1 to 4/4
Crest	28.57 ft on 4/3

Platte City, MO

Storm Data and Unusual Weather Phenomena

April 1998

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

				20 ft			
				4/1 to 4/4			
				22.95 ft on 4/2			
				24 ft			
				4/1 to 4/2			
				31.3 ft on 4/1			
				26 ft			
				4/1 to 4/5			
				35.97 ft on 4/2			
				19 ft			
				4/1 to 4/6			
				24.95 ft on 4/2			
				17 ft			
				4/1			
				20.2 ft			
				22 ft			
				4/1			
				24.8 ft			
				17 ft			
				4/1 to 4/5			
				19.87 ft on 4/1			
				20 ft			
				4/1 to 4/6			
				23.52 ft on 4/1			
				18 ft			
				4/1 to 4/6			
				NA			
				25 ft			
				4/1 to 4/6			
				28.24 ft on 4/1			

Storm Data and Unusual Weather Phenomena

April 1998

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

MISSOURI, Northwest

Boonville, MO

Flood Stage	21 ft
Above Flood Stage	4/1 to 4/6
Crest	26.76 ft on 4/2

Macon County
New Cambria

07	1300CST	0	0	Hail (1.75)
	1302CST			

Golfball-size hail was reported by a spotter in New Cambria during a severe thunderstorm. Hail also covered the ground in part of New Cambria.

Macon County
2 NE New Cambria

07	1300CST	0	0	Thunderstorm Wind (G60)
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Severe thunderstorm winds knocked down trees and power lines and also blew a hog shed into a neighboring field.

Adair County
7 SW Brashear

07	1350CST	0	0	Hail (0.75)
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A spotter reported dime-size hail 7 miles southwest of Brashear during a severe thunderstorm over Adair County.

MOZ020>021-023-028-032-037>040-046

Buchanan - Clinton - Livingston - Platte - Chariton - Jackson - Lafayette - Saline - Howard - Cooper

08	0000CST	0	0	Flood
18	2359CST			

Minor river flooding resulted from heavy thunderstorm rains during mid April in Northwest and North Central Missouri.

South Grand River
Urich, MO

Flood Stage	24 ft
Above Flood Stage	4/15 to 4/18 on 4/15
Crest	26.2 ft

Platte River
Agency, MO

Flood Stage	20 ft
Above Flood Stage	4/8 to 4/9
Crest	22.09 ft on 4/9

Sharps Station, MO

Flood Stage	26 ft
Above Flood Stage	4/9 to 4/10
Crest	26.51 ft on 4/10

Platte City, MO

Flood Stage	20 ft
Above Flood Stage	4/9 to 4/10
Crest	20.37 ft

Grand River
Chillicothe, MO

Flood Stage	24 ft
Above Flood Stage	4/9 to 4/10
Crest	Estimated 24.0 ft on 4/9

Sumner, MO

Flood Stage	26 ft
Above Flood Stage	4/8 to 4/15
Crest	31.05 ft on 4/9

Storm Data and Unusual Weather Phenomena

April 1998

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

MISSOURI, Northwest

Brunswick, MO

Flood Stage									
Above Flood Stage				19 ft					
Crest				4/9 to 4/11					
				20.11 ft on 4/10					

Missouri River
St. Joseph, MO

Flood Stage									
Above Flood Stage				17 ft					
Crest				4/8 to 4/11					
				19.28 ft on 4/9					

Sibley, MO

Flood Stage									
Above Flood Stage				22 ft					
Crest				4/9 to 4/11					
				23.7 ft on 4/10					

Napoleon, MO

Flood Stage									
Above Flood Stage				17 ft					
Crest				4/9 to 4/12					
				19.51 ft on 4/10					

Waverly, MO

Flood Stage									
Above Flood Stage				20 ft					
Crest				4/9 to 4/13					
				22.64 ft on 4/10					

Miami, MO

Flood Stage									
Above Flood Stage				18 ft					
Crest				4/9 to 4/13					
				NA					

Glasgow, MO

Flood Stage									
Above Flood Stage				25 ft					
Crest				4/10 to 4/11					
				25.63 ft on 4/11					

Boonville, MO

Flood Stage									
Above Flood Stage				21 ft					
Crest				4/10 to 4/16					
				22.95 ft on 4/11					

Jackson County

Lees Summit

13	0238CST								
	0253CST			0	0				Hail (0.75)

There were several reports from spotters of hail in the Lee's Summit area during a severe thunderstorm.

Cass County

3 NW Pleasant Hill

13	0245CST								
				0	0				Hail (0.75)

A spotter reported dime-size hail 3 miles northwest of Pleasant Hill during a severe thunderstorm.

Lafayette County

Wellington

13	0845CST								
				0	0				Hail (0.75)

Public reported dime-size hail during a severe thunderstorm in Wellington.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Northwest									
Caldwell County Braymer	13	1000CST			0	0			Hail (1.00)
			A storm spotter reported one inch diameter hail in Braymer.						
Caldwell County Braymer	13	1000CST			0	0			Thunderstorm Wind (G75)
			The same storm that produced one inch hail in Braymer was responsible for a wind gust to 75 MPH.						
Jackson County Kansas City	13	1016CST 1027CST			0	0			Hail (1.00)
			A trained spotter reported quarter-size hail along Gladstone Blvd in the Northeast section of Kansas City. A local television meteorologist reported dime-size hail at 30th St and Southwest Trafficway.						
Platte County 3 N Riverside	13	1133CST			0	0			Hail (1.00)
			Quarter-size hail was reported in Platte County 3 miles north of Riverside. The hail covered the ground at the intersection of 56th St. and I-29.						
Clay County Claycomo	13	1145CST			0	0			Hail (0.75)
			Dime-size hail was reported by a spotter during a thunderstorm at Claycomo.						
Jackson County Buckner to Sibley	13	1215CST			0	0			Hail (0.75)
			Dime-size hail was reported at Buckner and Sibley as a severe thunderstorm tracked along the Missouri River.						
Lafayette County Higginsville	13	1225CST			0	0			Hail (0.75)
			Dime-size hail was reported during a severe thunderstorm in Higginsville.						
Cooper County Pilot Grove	13	1345CST			0	0			Hail (0.75)
			Dime-size hail was reported in a severe thunderstorm at Pilot Grove.						
Jackson County Raytown	14	1909CST			0	0			Hail (1.75)
			A spotter reported golfball-size hail in Raytown.						
Buchanan County San Antonio	14	2010CST			0	0			Hail (0.88)
			Nickel-size hail was reported by the county sheriff's office at San Antonio.						
Bates County Worland to Butler	14	2025CST 2050CST			0	0			Hail (1.00)
			The Drexel Fire department reported quarter-size hail at Butler and Worland and dime-size hail at Adrian.						
Cass County 1 N Harrisonville	14	2030CST			0	0			Hail (1.00)
			A Cass County storm spotter reported quarter-size hail a mile north of Harrisonville.						
Atchison County 4 N Tarkio	14	2035CST			0	0	25K		Thunderstorm Wind (G80)
			The Atchison County Sheriff's office reported a wind gust to 80 MPH at the intersection of Route 59 and Route B. Damage was reported to barns, sheds and an outbuilding in the area.						
Nodaway County Pickering	14	2151CST			0	0			Hail (0.75)
			Public reported dime-size hail at Pickering.						
Henry County 2 E Calhoun	14	2155CST			0	0			Thunderstorm Wind (G60)
			The Henry County Sheriff's Office reported trees down from high winds at Calhoun.						
Bates County 3 N Merwin	14	2230CST			0	0			Hail (1.75)
			The Drexel Fire Department reported golfball-size hail 3 miles north of Merwin.						
Cass County Drexel	14	2240CST			0	0			Hail (1.75)
			The Drexel Fire Department reported golfball-size hail in Drexel during a severe thunderstorm.						

Storm Data and Unusual Weather Phenomena

April 1998

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

MISSOURI, Northwest

Jackson County

Kansas City

25 1804CST

0 0

Thunderstorm Wind (G58)

A 58 MPH wind gust was recorded during a thunderstorm at Research Medical Center on Myer Blvd in Kansas City.

MOZ021-023-

031>032-039-044-046

Clinton - Livingston - Carroll - Chariton - Saline - Johnson - Cooper

27 0000CST

0 0

Flood

30 2359CST

Minor to moderate river flooding occurred at the end of April over North Central Missouri.

Pettite Saline Creek
Boonville, MO

Flood Stage	16 ft
Above Flood Stage	4/28 to 4/29
Crest	18.55 ft on 4/29

Blackwater River
Valley City, MO

Flood Stage	22 ft
Above Flood Stage	4/28 to 4/29
Crest	Estimated 22.0 ft on 4/29

Blue Lick, MO

Flood Stage	24 ft
Above Flood Stage	4/28 to 4/30
Crest	25.72 ft on 4/30

South Grand River
Urich, MO

Flood Stage	24 ft
Above Flood Stage	4/27 to 4/30
Crest	25.9 ft on 4/28

Wakenda Creek
Carrollton, MO

Flood Stage	20 ft
Above Flood Stage	4/28 to 4/29
Crest	21.8 ft

Grand River
Chillicothe, MO

Flood Stage	24 ft
Above Flood Stage	4/28 to 4/30
Crest	28.13 ft on 4/29

Sumner, MO

Flood Stage	26 ft
Above Flood Stage	4/28 to 4/30
Crest	33.69 ft on 4/30

Brunswick, MO

Flood Stage	19 ft
Above Flood Stage	4/30
Crest	NA

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Southeast									
MOZ087-112-114	Cape Girardeau - Mississippi - New Madrid								
	03	0400CST			0	0			Flood
	30	2359CST							
	The Mississippi River crested at 39.1 feet at Cape Girardeau on the 20th. Flood stage there is 32 feet. This resulted in considerable flooding of agricultural bottomlands. Some homes and businesses in flood-prone areas of Cape Girardeau near the river were affected.								
Wayne County									
3 NE Piedmont	13	1644CST			0	0			Hail (1.75)
	Reported on Highway 34.								
Wayne County									
Piedmont	13	1702CST			0	0			Hail (0.75)
	Occurred on Highway 49.								
Ripley County									
Poynor	13	1748CST			0	0			Hail (0.75)
Wayne County									
.5 N Lodi	13	1750CST			0	0			Hail (0.75)
Cape Girardeau									
County									
Whitewater to	13	1824CST			0	0	25K		Thunderstorm Wind (G60)
1 SE Gordonville									
	Thunderstorms produced damaging winds across southwest Cape Girardeau County. Just southeast of Gordonville, a barn and a storage building were both unroofed. Windows were blown out of a building, and trees were blown down.								
Cape Girardeau									
County									
2 W Cape Girardeau	13	1830CST			0	0			Hail (1.25)
Scott County									
2.5 SW Scott City	13	1900CST			0	0			Hail (0.75)
Scott County									
Morley	13	1948CST			0	0			Hail (0.75)
Scott County									
Crowder to	13	2050CST			0	0			Funnel Cloud
4 E Crowder		2055CST							
	Two funnel clouds were observed.								
Scott County									
3.5 E Crowder	13	2055CST			0	0			Hail (0.75)
Scott County									
6 N Sikeston	13	2059CST			0	0			Thunderstorm Wind (G56)
	Spotters estimated wind gusts near 65 MPH.								
Mississippi County									
2 W Charleston to	13	2130CST			0	0			Hail (1.00)
2 E Charleston									
	Quarter size hail fell on U.S. Highway 62.								
New Madrid County									
Portageville	13	2145CST			0	0			Hail (0.75)
Perry County									
Perryville	15	1915CST			0	0			Thunderstorm Wind (G57)
	Wind gusts were estimated near 65 MPH. Hail to one inch in diameter was also observed.								
Perry County									
Perryville	15	1920CST			0	0			Hail (1.00)
Perry County									
Perryville	15	1940CST			0	0	25K		Flash Flood
		2200CST							
	Thunderstorms repeatedly moved over the county, causing torrential downpours that flooded roads. Some road closures were reported.								
Perry County									
.5 E Crosstown to	15	1950CST	0.2	20	0	0	0		Tornado (F0)
.7 E Crosstown									

Storm Data and Unusual Weather Phenomena

April 1998

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

MISSOURI, Southeast

Storm spotters reported a brief tornado near Crosstown. No damage was reported.

Bollinger County

3 SW Patton	15	2010CST			0	0			Hail (1.50)
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Perry County

Countywide	15	2230CST			0	0	20K		Flash Flood
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16 0030CST

More thunderstorms with very heavy rain caused some road closures due to flooding.

Cape Girardeau

County

.5 NW Pochontas to .5 NE Pochontas	15	2243CST 2244CST	0.6	40	0	0	10K		Tornado (F0)
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Storm spotters reported a tornado near Pochontas was only briefly on the ground.

Cape Girardeau

County

Cape Girardeau	15	2315CST			0	0	5K		Flash Flood
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16 0100CST

Thunderstorms with very heavy rainfall flooded streets. Cape Girardeau Police reported several city roads were flooded.

Butler County

Broseley	16	0015CST			0	0	20K		Thunderstorm Wind
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A trailer near the intersection of Highway 51 and Highway P was destroyed by high winds.

Scott County

Morley	27	1403CST			0	0			Hail (0.75)
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Butler County

Qulin	27	1545CST			0	0			Hail (0.75)
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MISSOURI, Southwest

Stone County

Hurley	03	1235CST			0	0			Hail (1.00)
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Taney County

Taneyville	03	1253CST			0	0			Hail (0.75)
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Christian County

Highlandville	03	1255CST			0	0			Hail (0.75)
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Taney County

Protem	03	1320CST			0	0			Hail (0.75)
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Ozark County

Gainesville	03	1334CST			0	0			Hail (0.75)
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Ozark County

Brixey	03	1358CST			0	0			Hail (0.75)
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Howell County

Caulfield	03	1400CST			0	0			Hail (0.75)
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Ozark County

2 W Dora	03	1420CST			0	0			Hail (1.00)
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Howell County

South Fork	03	1430CST			0	0			Hail (0.75)
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Pulaski County

St Robert	13	1248CST			0	0			Hail (0.75)
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Phelps County

Rolla	13	1335CST			0	0			Hail (0.88)
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Phelps County

St James	13	1405CST			0	0			Hail (0.88)
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Dent County

Salem	13	1530CST			0	0			Hail (0.75)
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Oregon County

3 S Riverton	13	1715CST			0	0	0		Hail (1.75)
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Hail fell in forested area.

Oregon County

1 N Calm	13	1740CST			0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

April 1998

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

MISSOURI, Southwest

Hail accumulated to a depth of 3 inches along Highway U, between Highways 160 and 142.

Jasper County 2 N Joplin	14	2355CST			0	0	15K		Hail (1.50)
Numerous reports of quarter to half dollar size hail were received from areas just north of Joplin, in the Webb City area. Hail dented many cars.									
Jasper County 1 W Sarcoxie	15	0010CST			0	0			Hail (0.75)
Barton County Milford	15	0010CST			0	0			Hail (0.88)
Vernon County 10 E Sheldon	15	0010CST			0	0			Hail (0.75)
Lawrence County 4 SW Stotts City	15	0030CST			0	0			Hail (1.00)
Greene County Republic	15	0050CST			0	0			Hail (0.75)
Vernon County Richards	15	0050CST			0	0			Hail (0.75)
Vernon County 2 S Horton	15	0104CST			0	0			Hail (1.50)
Cedar County Caplinger Mills	15	0106CST			0	0			Hail (0.75)
Cedar County El Dorado Spgs	15	0136CST			0	0			Hail (0.75)
St. Clair County 3 W Collins	15	0200CST			0	0			Hail (1.00)
Hickory County Weaubleau	15	0210CST			0	0			Hail (1.50)
Hickory County Wheatland	15	0240CST			0	0			Hail (1.50)
Camden County Branch	15	0245CST			0	0			Hail (0.88)
Dallas County Tunas	15	0300CST			0	0			Hail (0.88)
Laclede County 3 E Eldridge	15	0320CST			0	0			Hail (0.88)
Pulaski County 2 N Richland	15	0340CST			0	0			Hail (1.00)
Laclede County 6 NW Lebanon	15	0355CST			0	0	20K		Hail (2.50)
Hail, up to tennis ball size, fell in areas northwest of Lebanon denting cars and breaking a car windshield.									
Polk County Flemington	15	0410CST			0	0			Hail (0.75)
Hickory County 3 S Preston	15	0415CST			0	0			Hail (1.00)
Dallas County Plad	15	0440CST			0	0			Hail (1.50)
Laclede County Lebanon	15	0453CST			0	0			Hail (1.50)
Laclede County 3 NE Sleeper	15	0503CST			0	0			Hail (1.00)
Texas County Roby	15	0530CST			0	0			Hail (0.75)
Dent County 5 W Salem	15	0550CST			0	0			Hail (1.00)
Benton County Hastain	15	1242CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Southwest									
Morgan County 3 SW Gravois Mills	15	1252CST			0	0			Hail (0.75)
Camden County 3 S Sunrise Beach	15	1310CST			0	0			Hail (0.75)
Miller County Eldon	15	1325CST			0	0			Hail (1.00)
Miller County Tuscumbia	15	1329CST			0	0	25K		Hail (1.75)
			Hail covered the ground in north side of the city and along Highway 52 just north of Tuscumbia. Cars were dented by the large hail and minor roof damage was reported.						
Morgan County 8 S Gravois Mills	15	1346CST			0	0			Hail (0.75)
Maries County Belle	15	1441CST			0	0	5K		Hail (1.00)
			Hail accumulated to a depth of two to three inches along Highway M from just east of Summerfield to Belle.						
Maries County 10 N Vichy	15	1443CST			0	0	1K		Thunderstorm Wind
			Thunderstorms estimated at 50 mph blew down a shed near the community of Paydown and blew down power lines along Highway 42 between Belle and Vichy.						
Laclede County 5 N Falcon	15	1710CST			0	0			Hail (0.75)
Pulaski County Ft Leonard Wood	15	1725CST			0	0			Hail (0.88)
Taney County Cedarcreek	15	1915CST			0	0			Hail (0.88)
Ozark County Wasola	15	1931CST			0	0			Hail (0.88)
Douglas County Gentryville	15	1940CST			0	0			Hail (1.00)
Howell County Mountain View	15	2028CST			0	0			Hail (0.88)
Howell County 1 W Pottersville	15	2150CST			0	0			Flash Flood
			Over two inches of rain in a three hour period caused flooding of Highway KK along the Spring Creek.						
Mcdonald County Anderson	26	0720CST			0	0			Hail (0.88)
Barry County 2 N Ridgley	26	0806CST			0	0			Hail (0.75)
Barry County Butterfield	26	0822CST			0	0			Hail (1.25)
Barton County Lamar	27	1400CST			0	0			Flash Flood
			Low lying areas and county roads around Lamar were under water.						
Ozark County Countywide	27 28	2035CST 1500CST			0	0			Flash Flood
			Heavy rainfall in excess of two inches caused numerous low water bridges to be under water, including Highway H along the Spring Creek northwest of Elijah and Highway 95 near Souder.						
Douglas County Countywide	27 28	2300CST 1500CST			0	0			Flash Flood
			Heavy rainfall in excess of two inches caused numerous low water bridges in the county to be under water, especially in the Squires and Sweden areas.						
Wright County Odin	28	0600CST 1500CST			0	0			Flash Flood
			Heavy rainfall caused flooded over low water bridges in the Odin area of west central Wright county.						

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MISSOURI, Southwest</u>									
Webster County Marshfield	28	0630CST 0900CST			0	0			Flash Flood
			Heavy rainfall caused numerous low water crossings in the Marshfield area to be under water.						
Laclede County Morgan	28	0830CST 1000CST			0	0			Flash Flood
			Heavy rainfall caused flooding of low water crossings along Highway PP at Brush Creek.						
Benton County Countywide	28	1030CST 1600CST			0	0			Flash Flood
			Heavy rainfall in excess of two inches caused flooding of low water bridges over much of the county, including Highway V at Deer Creek, Highway AA at Turkey Creek, and Highway B at Williams Creek.						
<u>MONTANA, Central</u>									
MTZ009		Rocky Mountain Front							
	05	0600MST 1800MST			0	0			Heavy Snow
			up to 10 inches of snow						
MTZ015		Gallatin / Madison							
	12	0600MST 1800MST			0	0			Heavy Snow
			up to 12 inches of snow						
MTZ009		Rocky Mountain Front							
	15	0600MST 1800MST			0	0			Heavy Snow
			up to 6 inches of snow						
MTZ009		Rocky Mountain Front							
	17	0600MST 1800MST			0	0			Heavy Snow
			locally 7 inches of snow						
MTZ011		Blaine / Chouteau / Hill							
	25	0454MST			0	0			High Wind (G65)
<u>MONTANA, East</u>									
			NONE REPORTED.						
<u>MONTANA, South</u>									
			NONE REPORTED.						
<u>MONTANA, West</u>									
MTZ006		Bitterroot / Sapphire Mountains							
	05	0600MST 1800MST			0	0			Heavy Snow
			Five inches of snow fell at Lost Trail Pass.						
MTZ006		Bitterroot / Sapphire Mountains							
	13 14	1800MST 0600MST			0	0			Heavy Snow
			Five inches of snow fell overnight at Sula.						
<u>NEBRASKA, Central</u>									
			NONE REPORTED.						
<u>NEBRASKA, East</u>									
Cass County 3 NW Weeping Water	06	1205CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, East									
Washington County Blair	06	1345CST			0	0			Hail (0.75)
Sarpy County 2 W Offutt Afb	06	1700CST			0	0			Hail (0.75)
Sarpy County Bellevue	06	1700CST			0	0			Hail (2.00)
Sarpy County Offutt Afb	06	1705CST			0	0			Hail (1.25)
Gage County Beatrice	06	1855CST			0	0	4K		Lightning
									Lightning struck the chimney of a home causing damage.
Washington County 6 SE Kennard	06	2115CST			0	0	15K		Lightning
									Lightning struck a windmill near a home and followed the wiring into a nearby house, sparking a fire. Damage was minor.
Pierce County 7 N Pierce	12	1507CST			0	0			Hail (0.75)
Cedar County Laurel	12	1545CST			0	0			Hail (0.75)
Dodge County Winslow	12	1615CST			0	0			Hail (1.00)
Dodge County 2 S Hooper	12	1710CST			0	0			Hail (1.00)
Washington County 12 NNE Arlington	12	1732CST			0	0			Funnel Cloud
Washington County 3 N Blair	12	1747CST			0	0			Hail (1.00)
Nemaha County 3 W Auburn	14	1814CST			0	0			Hail (0.75)
Seward County 2 S Utica	14	1818CST			0	0			Hail (1.75)
Saunders County 2 S Wahoo	14	1908CST			0	0			Hail (2.75)
Washington County 6 S Blair	14	1940CST			0	0	25K		Thunderstorm Wind
									Thunderstorms produced strong winds which destroyed several outbuildings just northwest of Eagle Field.
Douglas County Valley	14	1945CST			0	0			Hail (1.00)
Washington County 5 SE Blair	14	1950CST			0	0	9K		Thunderstorm Wind
									Strong thunderstorm winds rolled a trailer home causing damage.
Saunders County Weston	14	1955CST			0	0			Hail (1.50)
Washington County .5 SE Washington to 5 N Blair	14	2000CST 2115CST			0	0	150K		Thunderstorm Wind
									Thunderstorms produced high winds which damaged or destroyed several sheds and barns. Scattered trees were downed.
Douglas County 4 W Bennington to 2.5 NW Bennington	14	2000CST 2115CST			0	0	100K		Thunderstorm Wind
									Thunderstorms produced high winds which damaged or destroyed several sheds and barns. Scattered trees were downed. A pontoon boat that was in storage inside one of the barns 4 miles west of Bennington was damaged.
Washington County 1 NE Arlington	14	2002CST			0	0			Hail (1.75)
Douglas County Valley	14	2040CST			0	0			Thunderstorm Wind (G53)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, East</u>									
Douglas County 2 W Bennington	14	2055CST			0	0	10K		Thunderstorm Wind
									Pole barn leveled
Saunders County 3 E Malmo	14	2100CST			0	0			Hail (1.00)
Washington County 6 W Ft Calhoun	14	2100CST			0	0	15K		Thunderstorm Wind
									Wind damage to pole barns
Washington County 5 SE Blair	14	2100CST			0	0			Thunderstorm Wind (G60)
									Strong winds rolled a trailer house.
Washington County 5 N Blair	14	2100CST			0	0	10K		Thunderstorm Wind (G60)
									Metal outbuilding pulled out of ground and thrown 30 feet.
Washington County Blair	14	2120CST			0	0			Hail (1.75)
Douglas County 8 N Omaha	14	2123CST			0	0			Hail (0.75)
Washington County 5 W Ft Calhoun	14	2123CST			0	0			Hail (1.00)
Burt County 3 E Lyons	25	1630CST			0	0			Hail (1.75)
Burt County Decatur	25	1707CST			0	0			Hail (1.00)
Thurston County 4 S Macy	25	1715CST			0	0			Hail (0.75)
<u>NEBRASKA, Extreme Northeast</u>									
Dixon County Ponca	12	1608CST			0	0			Hail (0.75)
Dixon County Ponca	12	1608CST			0	0			Thunderstorm Wind (G52)
<u>NEBRASKA, Extreme Southwest</u>									
NONE REPORTED.									
<u>NEBRASKA, South Central</u>									
Buffalo County 3 S Gibbon	14	1538CST			0	0	0	0	Hail (0.75)
Phelps County Holdrege Arpt	14	1550CST			0	0	0	0	Thunderstorm Wind (G58)
Adams County Hastings	14	1720CST			0	0	15K	0	Thunderstorm Wind (G55)
Hamilton County 6 NW Giltner	14	1736CST			0	0	30K	0	Thunderstorm Wind (G61)
Buffalo County Kearney	14	1750CST			0	0	0	0	Thunderstorm Wind (G66)
York County Benedict	14	1906CST			0	0	0	0	Hail (0.75)
Polk County Shelby	14	1930CST			0	0	0	0	Thunderstorm Wind (G55)
									Severe thunderstorms developed rapidly in south-central Nebraska and spread northeast across the area. One severe thunderstorm moved across southern Hall county and produced wind gusts to 70 mph near its rear flank. Three trucks were blown over while driving on Interstate 80 six miles northwest of Giltner. Near Hastings, a 63 mph wind gust broke windows and collapsed a couple of garage doors.

NEBRASKA, West

Storm Data and Unusual Weather Phenomena

April 1998

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

NEBRASKA, West

NONE REPORTED.

NEVADA, North

NVZ006-011>012

Humboldt - White Pine - Lander/Eureka

04 0700PST 0 0 Heavy Snow

A winter-like storm dropped localized extremely heavy snow over parts of Humboldt County, especially in the Winnemucca area. During a six-hour period ending at 7:00 am PST, 8-12 inches of snow fell in the city of Winnemucca causing widespread power outages due to heavy, wet snow coating power lines and trees. In addition, travel in the city and adjacent Interstate 80 was very hazardous. In Northern Humboldt County, lighter snow amounts were reported with 5 inches at McDermitt. In East Central Nevada, the same storm system dropped much lighter snow amounts with 3 inches reported at Austin in southern Lander County while 3 inches fell at McGill and 2 inches at Ely.

NVZ011

White Pine

06 0700PST 0 0 Heavy Snow

A localized winter-type storm dropped heavy snow over parts of White Pine County of East Central Nevada. 12 hour snowfall totals ending at 7:00 am PST included: 7 inches in the City of Ely, 5 inches at both Ely airport and Ruth, and 4 inches at McGill.

NVZ008>009

Southwest And South Central Elko - Southeast Elko

23 1600PST 0 1 High Wind (G54)
2120PST

A very strong cold front raced east across Northeast Nevada causing strong gradient winds. Sustained winds in the 30-40 mph range were widespread during the afternoon and evening hours causing areas of blowing dust and sand. With the frontal passage, winds gusted to 60 mph in Spring Creek at 500 pm PDT causing damage to sheds and outbuildings. In addition, many yard objects were sent airborne in the high winds. Later in the evening as the front approached the Utah border, winds gusted to 54 mph at Wendover airport causing a Department of Defense transport truck to overturn on Interstate 80 just west of West Wendover, injuring the driver.

NEVADA, South

NVZ013

Northern Nye

23 1250PST 0 0 High Wind (G56)

Strong gradient winds resulted in a gust to 64 mph at the Tonopah airport. A 58 mph gust was also recorded 30 minutes later. No damage was reported.

NEVADA, West

NVZ003

Greater Reno/Carson City/Minden Area

01 0645PST 0 0 Heavy Snow

24 hour snow fall: NW Reno NV 5 inches, SW Reno (Galena Forest Estates) 5 inches, and Stead NV (10 miles N of Reno NV) 6 inches.

NVZ002

Greater Lake Tahoe Area

23 1100PST 0 0 High Wind (G55)
1101PST

Peak wind gust 55 knots at Kingsbury Grade NV. No damage reported.

NVZ004

Western Nevada Basin And Range

23 1330PST 0 0 High Wind (G50)
1331PST

Peak wind gust 50 knots at Yerington NV. No damage reported.

NVZ003

Greater Reno/Carson City/Minden Area

23 1559PST 0 0 20K High Wind (G70)
1600PST

Strong winds, with an estimated peak gust near 70 knots, toppled a billboard in SW Reno NV. Estimated damage \$20000.

NEW HAMPSHIRE, North and Central

**Carroll County
Countywide**

01 0000EST 0 0 Flood
0515EST

**Coos County
Countywide**

01 0000EST 0 0 300K Flood
1800EST

**Grafton County
Countywide**

01 0000EST 0 0 200K Flood
1800EST

Rapid snowmelt due to record breaking high temperatures combined with rainfall to cause river flooding on the tributaries and headwaters of the Connecticut, Androscoggin, and Saco Rivers. Many homes were flooded and schools were closed in the affected areas.

Storm Data and Unusual Weather Phenomena

April 1998

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

NEW HAMPSHIRE, North and Central

NHZ001>005	Northern Coos - Southern Coos - Northern Grafton - Northern Carroll - Southern Grafton				0	0			Flood
	01	0000EST							
	05	0300EST							

Record warmth and rapid snowmelt caused rivers in northern New Hampshire to flood from late March through early April. The snowmelt combined with a line of thunderstorms that produced 1.5 to 2 inches of rain on the evening of the 30th resulted in record or near record flows on the upper Connecticut River, and on the Androscoggin and Swift Rivers. The Connecticut reached a crest of 15.63 feet at North Stratford on the 31st (13 ft. flood stage), a crest of 23.70 feet at Dalton on the 1st (17 ft. flood stage), a crest of 14.1 feet at Wells River, VT on the 2nd (11 ft. flood stage), and a crest at West Lebanon of 21.86 feet on the 2nd (18 ft flood stage). The Saco River crested at Conway at 9.54 feet late on the 31st (9 ft. flood stage) .

NEW HAMPSHIRE, Southern

NONE REPORTED.

NEW JERSEY, Northeast

Union County Countywide	01	1700EST 1930EST			0	0			Urban/Sml Stream Fld
Hudson County Countywide	01	1715EST 1945EST			0	0			Urban/Sml Stream Fld

A low pressure system passed from west to well north of the local area. A "back-door" cold front slipped just south of the area as another cold front extending from the low approached the area. Widespread showers and thunderstorms developed in a moist unstable airmass ahead of the approaching cold front.

Heavy rainfall from 1 1/2 to 2 1/2 inches produced widespread flooding of streets, low-lying, and poor drainage areas. Significant street flooding occurred in the vicinity of Meeker Blvd. in Hoboken where cars were trapped in high water under over-passes. Widespread street flooding was reported across Union County, where up to 2 feet of water "pooled" in low-lying and poor drainage areas.

Selected rainfall amounts were: 2.35 inches at Harrison (Hudson County) and 2.26 inches at Canoe Brook (Union County).

Essex County Countywide	09	2037EST			0	0			Thunderstorm Wind (G50)
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As a low pressure system developed rapidly off the Virginia Coast and moved northeast, it produced heavy rain and scattered thunderstorms. High winds associated with thunderstorms downed poles along the Garden State Parkway in Essex County. Rainfall amounts generally ranged from 1 1/2 to 2 1/2 inches.

NEW JERSEY, South and Northwest

Hunterdon County Countywide	01	1500EST 2359EST			0	0	0	Heavy Rain
Mercer County Countywide	01	1500EST 2359EST			0	0	0	Heavy Rain
Morris County Countywide	01	1500EST 2359EST			0	0	0	Heavy Rain
Sussex County Countywide	01	1500EST 2359EST			0	0	0	Heavy Rain
Warren County Countywide	01	1500EST 2359EST			0	0	0	Heavy Rain

A series of showers and thunderstorms with heavy rain moved across West Central and Northwest New Jersey during the latter half of the afternoon and evening of the 1st and caused some urban and poor drainage flooding, but no significant flooding of streams and rivers in the area. Storm totals averaged between 1.6 and 2.6 inches and included 2.62 inches in Washington's Crossing (Mercer County), 2.51 inches in Wertsville (Hunterdon County), 2.44 inches in Chatham (Morris County), 2.13 inches in Princeton (Mercer County), 2.03 inches in Trenton (Mercer County), 2.01 inches in Wantage (Sussex County) and Washington Township

Storm Data and Unusual Weather Phenomena

April 1998

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

NEW JERSEY, South and Northwest

(Morris County), 1.90 inches in Stewartville (Warren County), 1.87 inches in Lambertville (Hunterdon County), 1.72 inches in Boonton (Morris County) and 1.68 inches in Hackettstown (Warren County). No serious injuries were reported.

Somerset County Countywide

01	1830EST								
02	2000EST			0	0		0		Flood

A series of thunderstorms with heavy rain moved across Somerset County during the late afternoon and evening of the 1st and caused flooding of streams and creeks as well as considerable urban and poor drainage flooding, especially in the eastern half of the county. The heavy rain and runoff also caused the Millstone River to flood on the 2nd. The first wave of thunderstorms dropped around an inch and a half of rain during the early evening commute. This forced the closure of New Jersey State Route 22 from Greenbrook to North Plainfield. Vehicles were floating in the water in Greenbrook. The second wave of thunderstorms exacerbated conditions and forced the closure of six roadways in Franklin Township. Storm totals in the county approached three inches and included 2.95 inches in Blackwells Mills and 2.88 inches in Belle Mead. The Millstone River in Blackwells Mills went above its 9 foot flood stage at 730 a.m. EST on the 2nd. It crested at 9.42 feet at 215 p.m. EST and was back within bankfull at 8 p.m. EST. No serious injuries or property damage were reported.

Somerset County Middle Bush

01	2230EST								
				0	0	5K	0		Lightning

Lightning pierced a hole in the roof of a townhouse on Kingsberry Drive in Franklin Township and ignited a small fire.

Middlesex County Dunellen

01	2245EST								
02	0145EST			0	0		0		Flood

A series of thunderstorms with heavy rain moved across Middlesex County during the late afternoon and evening of the 1st. The last in a series of thunderstorms moved through the county between 10 and 11 p.m. EST and caused small stream, urban and poor drainage flooding in the county, especially in the northwest corner. The entire south side of Dunellen was closed to vehicular traffic because of the flooding. Piscataway police also had to close two roads and River Road (New Jersey State Route 18) was closed in Middlesex Borough. Storm totals included 1.69 inches in Iselin and 1.64 inches in New Brunswick. Nearly three inches of rain fell in some locations in neighboring Somerset County. No serious damage or injuries were reported.

Ocean County New Egypt

01	2250EST								
				0	0				Hail (0.75)

Hunterdon County Countywide

09	0700EST								
10	0600EST			0	0		0		Heavy Rain

Morris County Countywide

09	0700EST								
10	0700EST			0	0		0		Heavy Rain

Burlington County Countywide

09	0800EST								
10	0700EST			0	0		0		Heavy Rain

Mercer County Countywide

09	0800EST								
10	0700EST			0	0		0		Heavy Rain

Middlesex County Countywide

09	0800EST								
10	0800EST			0	0		0		Heavy Rain

Monmouth County Countywide

09	0800EST								
10	0800EST			0	0		0		Heavy Rain

Ocean County Countywide

09	0800EST								
10	0800EST			0	0		0		Heavy Rain

Somerset County Countywide

09	0800EST								
10	0700EST			0	0		0		Heavy Rain

Warren County Countywide

09	0800EST								
10	0500EST			0	0		0		Heavy Rain

Mercer County Trenton

10	0000EST								
	0400EST			0	0		0		Flood

Storm Data and Unusual Weather Phenomena

April 1998

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

NEW JERSEY, South and Northwest

NJZ008-010

Morris - Somerset
10 0930EST
2245EST

0 0 0 Flood

A low pressure system moved into the central Ohio River Valley the morning of the 9th. Its associated warm front extended east into the Delmarva Peninsula. A second low pressure system developed along this boundary on the Delmarva Peninsula the evening of the 9th and moved rapidly offshore the morning of the 10th. Rain overspread New Jersey the morning of the 9th, but fell at its heaviest during the afternoon and evening of the 9th. Precipitation changed over to snow across the extreme northwest part of the state overnight on the 9th. Lighter precipitation fell into the morning of the 10th. Storm totals averaged between 1.5 and 2.5 inches (with some locally higher amounts) from Burlington and Ocean Counties north. Less rain fell farther south in the state with storm total amounts generally around an inch. The heavy rain in the central and northern part of the state caused minor flooding along a few creeks and rivers in Mercer, Morris and Somerset Counties as well as the usual urban and poor drainage flooding.

In Mercer County, the Assunpink Creek at Trenton was above its 7 foot flood stage from 1 a.m. EDT through 5 a.m. EDT on the 10th. It crested at 7.15 feet at 230 a.m. EDT. Later that day in Somerset County, the Raritan River at Manville was above flood stage (12 feet) from 1030 a.m. EDT through 2 p.m. EDT. It crested at 12.25 feet at Noon EDT. Also in Somerset County, the Millstone River at Blackwells Mills was above its flood stage (9 feet) from 1130 a.m. EDT through 1145 p.m. EDT on the 10th. It crested at 9.54 feet at 6 p.m. EDT. In Morris County, the Rockaway River below the Boonton Reservoir reached its 5 foot flood stage at 430 p.m. EDT on the 10th. It crested at 5.04 feet at 6 p.m. EDT on the 10th and was back within bankfull at 11 p.m. EDT that evening.

Storm totals included 2.77 inches in White House Station (Hunterdon County), 2.62 inches in Hackettstown (Warren County), 2.61 inches in Stewartsville (Warren County), 2.48 inches in Red Bank (Monmouth County), 2.34 inches in Belvidere (Warren County), 2.29 inches in Wertsville (Hunterdon County), 2.28 inches in Washington's Crossing (Mercer County), 2.26 inches in Hamilton Square (Mercer County), 2.20 inches in New Brunswick (Middlesex County), 2.07 inches at the McGuire AFB (Burlington County), 1.99 inches in Iselin (Middlesex County), 1.98 inches in Lambertville (Hunterdon County), 1.82 inches in Freehold (Monmouth County) and Harvey Cedars (Ocean County), 1.77 inches in Washington Township (Morris County), 1.71 inches in Mount Laurel (Burlington County), 1.67 inches in Long Valley (Morris County) and 1.61 inches in Mount Holly (Burlington County).

Gloucester County
Williamstown

09 1610EST 0 0 Hail (1.75)

In addition to the golf ball size hail, there were other reports of pea to marble size hail within Williamstown.

Burlington County
Mt Laurel

09 1627EST 0 0 0 Thunderstorm Wind

A severe thunderstorm knocked down a couple of trees on Centerton Road within Mount Laurel.

NJZ001

Sussex

09 1730EST 0 0 0 Snow
10 0500EST

A low pressure system moved into the central Ohio River Valley the morning of the 9th. Its associated warm front extended east into the Delmarva Peninsula. A second low pressure system developed along this boundary on the Delmarva Peninsula the evening of the 9th. As the low intensified it pulled down colder air from New York State and Canada and started changing the rain to snow over the higher terrain of Sussex County the evening of the 9th. The snow became very elevation dependent overnight as very little snow accumulated beside in the higher terrain. By the time the snow ended the morning of the 10th, 5 inches of snow accumulated in Sparta and High Point, but only an inch or two accumulated in the valleys. An inch or two of snow also accumulated over the higher terrain in Warren, Hunterdon and Morris Counties.

NJZ014-024>026

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

09 1900EST 0 0 Coastal Flooding
10 0000EST

A low pressure system moved into the central Ohio River Valley the morning of the 9th. Its associated warm front extended east into the Delmarva Peninsula. A second low pressure system developed along this boundary on the Delmarva Peninsula the evening of the 9th and moved rapidly offshore the morning of the 10th. By 8 a.m. EDT on the 10th, the surface low was already about 200 miles east of Cape Cod and 450 miles eastnortheast of Atlantic City. The onshore flow during the evening of the 9th produced minor tidal flooding in Atlantic, Cape May and Ocean Counties and minor to locally moderate tidal flooding in Monmouth County. The worst tidal flooding was reported in northern parts of Long Branch where several people were trapped in vehicles along Ocean Avenue and farther west. The evening high tide at Atlantic City was around 6.7 feet above mean lower low water and around 7.7 feet above mean lower low water in Sandy Hook.

NEW MEXICO, Central and North

NMZ004

Sangre De Cristo Mountains
02 0600MST
1800MST

0 0 Heavy Snow

Isolated heavy snows developed across the northern mountains. Red River reported nearly 12 inches of snow and gusty winds of 30-40 mph.

Storm Data and Unusual Weather Phenomena

April 1998

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

NEW MEXICO, Central and North

NMZ001>002-009-020	Northwest Plateau - Northwest Mountains Including Jemez - Middle Rio Grande Valley - Roosevelt	02	1100MST 1700MST		0	0	23K		High Wind (G47)
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An upper level low pressure center which brought heavy snow to far northern New Mexico produced gusty winds during the afternoon for most northern and central areas of the state. Roof damage was reported at the Aztec Ruins National Monument and also in Portales and in Casa Colorada south of Belen.

NMZ005-010>011	Northeast Highlands - Sandia/Manzano Mountains - Central High Plains/Estancia Valley County	16	0030MST		0	0			Heavy Snow
		17	0600MST						

Heavy snow developed across the north central mountains of Taos, western Colfax, western Mora and northwest San Miguel counties. Gascon and Black Lake reported 12-14 inches of snow, while Lake Maloya measured 8 inches in less than 6 hours.

Bernalillo County Albuquerque		17	1320MST		0	0	3K		Dry Microburst
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Gusts, estimated at 60 mph, from a dry microburst damaged a church roof and nearby storage building in northeast Albuquerque.

NEW MEXICO, South Central and Southwest

NONE REPORTED.

NEW MEXICO, Southeast

NMZ027>029	Guadalupe Mountains Of Eddy County - Eddy County Plains - Lea	01	0000CST		0	0			Drought
		30	2359CST						

A very dry pattern became established over southeast New Mexico and southwest Texas as the waning strong El Nino sent storm systems to other parts of the U.S. At the Midland/Odessa National Weather Service Office the rain total for April 1998 was 0.00" (not even a trace of precipitation). The month was very dry over the entire region with only a few stations reporting any measurable precipitation and those amounts were only around 1/10 inch.

NEW YORK, Central

NONE REPORTED.

NEW YORK, Coastal

New York County Countywide		09	2045EST		1	0			Thunderstorm Wind (G50)
			F?BU						

Richmond County Countywide		09	2045EST		0	0			Thunderstorm Wind (G50)
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As a low pressure system developed rapidly off the Virginia Coast and moved northeast, it produced heavy rain and scattered thunderstorms. High winds associated with thunderstorms downed trees and electrical cables in Grymes Hills, Midland Beach and South Beach in Staten Island. They also caused a brick facade to blow off from a building in Lower Manhattan. Unfortunately, the bricks fell on a woman passing in front of the building and killed her. Peak wind gusts of 51 mph were measured at both Central Park and LaGuardia Airport. Rainfall amounts generally ranged from 1 1/2 to 2 1/2 inches.

Nassau County Bellmore		09	2100EST		0	1			Lightning
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A man was injured when he was struck by lightning in Bellmore.

NEW YORK, East

NYZ033-039	Hamilton - Fulton	01	0000EST		0	0			Flood
		02	1200EST						

Due to rapid snowmelt during the end of March, flooding continued along the Sacandaga River in Hamilton and Fulton Counties. The flooding was confined to low land areas along route 30. During the afternoon of April 1, the river at Hope crested at 7.57 feet. Flood stage at Hope is 7 feet.

NYZ042	Warren	01	0000EST		0	0	125K		Flood
		07	2200EST						

Storm Data and Unusual Weather Phenomena

April 1998

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

NEW YORK, East

Due to rapid snowmelt at the end of March and beginning of April, rather severe flooding continued along the Schroon River in Warren County. The flood waters affected river front homes, State Highway 418 between Warrensburg and Thurman Station and forced the closure of a bridge at Starbuckville. The river at Riverbank crested at 9.3 feet during the afternoon of April 2. Flood stage at Riverbank is 7 feet.

NYZ041>043-050

Northern Saratoga - Warren - Washington - Southern Saratoga

01	0200EST			0	0	1K	Flood
04	1600EST						

Rapid snowmelt during the end of March and beginning of April caused minor flooding along the Hudson River from Hadley to Mechanicville. The flood waters impacted the Stillwater Flats, which included flooding Wrights Loop and the lower part of Ferry Lane. The river crested approximately 1 foot over flood stage at Hadley, near flood stage at Fort Edward and 3.7 feet above flood stage at Schuylerville.

NYZ038

Southern Herkimer

02	0400EST			0	0	5K	Flood
04	0800EST						

Rapid snowmelt during the end of March and beginning of April, caused the Hinckley Reservoir to fill and spill over the dam. Approximately two feet of water spilled over the Hinckley Dam for several days, which resulted in minor flooding along the West Canada Creek. The flood waters impacted trailer parks and recreational areas along the creek.

Dutchess County

Red Hook

02	1345EST			0	0		Hail (0.88)
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An isolated severe thunderstorm, produced nickel size hail at Red Hook in Dutchess County.

NEW YORK, North

Clinton County

Countywide

01	0000EST			0	0	10K	Flood
02	1400EST						

Spring flooding continued from March into early April along several rivers. The water was especially high along the Great Chazy and Saranac Rivers. A number of roads continued closed due to washouts and water on roads before the water gradually receded.

Franklin County

Countywide

01	0000EST			0	0		Flood
02	1400EST						

Spring Flooding continued from March into early April, especially along the Salmon River. These flood waters slowly receded.

St. Lawrence County

Countywide

01	0000EST			0	0		Flood
02	1400EST						

Spring flooding continued from March into early April especially along the Raquette and Oswegatchie Rivers. Several local roads were impacted with high water before the water gradually receded.

Essex County

Countywide

01	1100EST			0	0		Flood
02	0100EST						

Spring Flood waters gradually receded in early April. There was some field flooding along the Ausable River.

NYZ028-035

Northeast Clinton - Eastern Essex

01	1800EST			0	0	20K	Flood
13	1800EST						

Spring runoff and flood waters resulting in the lake level of Lake Champlain rising to equal or exceed the 101 foot level during this period. The maximum level reached this year was 101.82 feet on April 5. Flooding of lake shore areas became widespread with water closing some roads and flooding some private property. Due to the high lake level water back flowed up the rivers that flow into the lake.

NEW YORK, West

NONE REPORTED.

NORTH CAROLINA, Central

Harnett County

Erwin

01	1315EST			0	0		Hail (1.75)
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Hoke County

Raeford

01	1333EST			0	0		Hail (0.75)
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Harnett County

Erwin

01	1345EST			0	0		Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NORTH CAROLINA, Central									
Hoke County									
Rockfish	01	1400EST			0	0			Hail (0.75)
Wayne County									
Pikeville	01	1425EST			0	0			Hail (1.00)
Sampson County									
Spiveys Corner	01	1430EST			0	0			Thunderstorm Wind (G50)
									Downburst thunderstorm wind downed numerous trees in Spivey's Corner. Marble size hail also occurred with this storm.
Wayne County									
3 N Pikeville	01	1437EST			0	0			Hail (1.00)
Wayne County									
Seven Spgs	01	1545EST			0	0			Hail (1.00)
Wayne County									
3 E Goldsboro	01	1545EST	0.5	50	0	0	30K		Tornado (F0)
									A weak F0 tornado touched down in the New Hope Community about 3 miles east of Goldsboro. One roof was blown off a house and one modular home was blown about 10 feet off its foundation. Several trees were also taken down. Several funnel clouds were also sighted with the same storm as it moved across Wayne county.
Moore County									
Vass	03	2039EST			0	0			Hail (1.00)
									Quarter size hail fell in the Vass community of eastern Moore county
Stanly County									
Norwood	03	2222EST			0	0			Hail (1.00)
Montgomery County									
10 SW Troy	03	2222EST			0	0			Hail (1.00)
Stanly County									
Stanfield	03	2259EST			0	0			Hail (0.75)
Guilford County									
Gibsonville	03	2302EST			0	0			Hail (0.75)
Lee County									
Sanford	03	2311EST			0	0			Hail (0.75)
									Dime size hail occurred in Sanford and at other locations in Lee county as thunderstorms crossed the county from the west. The reports were courtesy of the Highway Patrol.
Sampson County									
Garland	03	2321EST			0	0			Hail (0.88)
Montgomery County									
Mt Gilead	09	0430EST 0800EST			0	0			Flash Flood
Stanly County									
Locust to Albemarle	09	0430EST 0800EST			0	0			Flash Flood
Moore County									
Robbins	09	0500EST 0800EST			0	0			Flash Flood
									Flash Flooding occurred in three southern Piedmont and western Sandhills counties during the early morning hours as strong, slow moving thunderstorms moved east across the region. The flooding affected mostly rural areas of Stanly, Montgomery, and Moore counties. Several roads had to be closed due to flooding. The areas that were affected the most were the Locust to Albemarle areas east to Lake Tillary and Robbins.
Orange County									
8 W Hillsborough	09	1230EST			0	0			Hail (0.75)
									Dime size hail fell along Interstate 40 about 8 miles west of the town of Hillsborough. This report was received by a Skywarn Observer.
Halifax County									
5 NW Halifax to Roanoke Rapids	09	1353EST 1400EST			0	0			Hail (0.75)
									Dime size hail occurred and strong thunderstorm winds blew down trees in the Roanoke Rapids and Halifax areas of Halifax county.
Forsyth County									
Winston Salem	17	1710EST 1800EST			0	0			Flash Flood

Storm Data and Unusual Weather Phenomena

April 1998

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

NORTH CAROLINA, Central

An isolated strong thunderstorm moved over the Winston-Salem area very slowly from the northwest. Flooding was reported in many locations including Reynolda Road at Wake Forest University and along Interstate 40 and Highway 52 near downtown. 2 to 2.5 inches of rain fell in an hour over the western and downtown sections of the city. The slow moving storm also caused streams to come out of their banks west of the city all the way to the Yadkin River.

Davidson County Thomasville to Lexington	17	1715EST 1830EST			0	0			Urban/Sml Stream Fld
Guilford County High Pt	17	1725EST 1830EST			0	0			Urban/Sml Stream Fld
Randolph County Randleman	17	1725EST 1830EST			0	0			Urban/Sml Stream Fld

Urban and small stream flooding occurred as a slow moving thunderstorm drenched the Thomasville, High Point, and Randleman areas with 2 inches of rain in an hour. Highways NC-62, NC-150, and US-301 in these areas were flooded in numerous spots where several traffic accidents occurred. Several streams and drainage ditches flooded creating a hazard for residents.

Forsyth County 1 S Winston Salem	17	1740EST			0	0			Hail (0.88)
Davidson County Welcome	17	1740EST			0	0			Hail (0.88)
Davidson County Thomasville	17	1750EST			0	0			Hail (0.88)
Guilford County High Pt	17	1750EST			0	0			Hail (0.88)
Randolph County 5 NW Randleman	17	1800EST			0	0			Hail (0.75)

An isolated severe thunderstorm dropped dime to nickel size hail in many locations in northeast Davidson, southwest Guilford, and northern Randolph counties. The cities and communities hit the hardest by the hail event were Thomasville, High Point, north Archdale, and near Randleman.

Alamance County 5 NW Burlington	19	1645EST			0	0	10K		Thunderstorm Wind (G50)
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Downburst winds knocked a trailer off its foundation and blew the underpinning out from the trailer. Several outbuildings received damage to tin roofs and several trees were uprooted.

Wake County Fuquay Spgs	19	1835EST			0	0	25K		Thunderstorm Wind (G50)
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A microburst peeled back a small section of the tin roof on the Tillery Warehouse near the highway 55 and 42 split. Two medium trees were also blown down on the road.

Cumberland County (Fbg)Ft Bragg to Spring Lake	23	0800EST 1000EST			0	0			Flash Flood
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2 to 2.5 inches of rain fell in approximately 2 hours over northwest Cumberland county creating flooding of area streams and creeks that feed into the Little River. Street and road flooding occurred from Spring Lake to Fort Bragg along NC-210 and NC-87.

Hoke County 5 NE Raeford	23	0800EST 1000EST			0	0			Flash Flood
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Flash Flooding occurred mainly on the Fort Bragg Military Reservation in northern Hoke county where 2.5 inches of rain fell in less than 2 hours. Nearly 2.0 inches of rain fell in Raeford. Streams and creeks came out of their banks and local drainage ditches became swollen creeks during the event.

NORTH CAROLINA, Central Coastal

Lenoir County 6 S La Grange	01	1550EST	1	50	0	0	30K		Tornado (F1)
Lenoir County 5 SSE La Grange	01	1555EST	1.5	100	0	0	350K		Tornado (F1)
Lenoir County 3 SW Kinston	01	1605EST	1.5	75	0	3	90K		Tornado (F1)
Lenoir County 7 E Pink Hill	01	1650EST	1	50	0	0			Tornado (F0)

Storm Data and Unusual Weather Phenomena

April 1998

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

NORTH CAROLINA, Central Coastal

Jones County 3 E Wise Fork	01	1715EST	0.5	50	0	0			Tornado (F0)
Craven County 3 NW Vanceboro	01	1730EST	0.5	50	0	0			Tornado (F0)
Craven County 3 W Vanceboro	01	1744EST	0.5	50	0	0			Tornado (F0)

A series of tornadoes across Lenoir, Craven and Jones counties produced nearly a half million dollars in damage and 3 injuries, none serious. The first occurrence in extreme southwest Lenoir County on Dailey's Chapel Road ripped a roof off a trailer and damaged a turkey farm. Shortly thereafter a tornado on Davis Road just east of Hardy Bridge Road in Moss Hill destroyed an airplane hangar and several planes inside. Airplanes were lifted out of the hangar and thrown. One boat was pushed out of the structure a distance of 100 yards. In addition, an outbuilding was destroyed and a Ford Explorer was rolled several times. About 3 miles southwest of Kinston another tornado destroyed a pole barn and damaged 11 trailers. One trailer that was totally demolished had 3 occupants inside who were slightly injured. There were several other tornadoes that touched down in open fields.

Dare County Kill Devil Hills	04	0846EST			0	0			Waterspout
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Just off coast north of Helga Street . Moved northeast and dissipated.

NORTH CAROLINA, Extreme Southwest

Cherokee County Countywide	03	2010EST			0	0	10K	17K	Thunderstorm Wind
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Trees and powerlines down throughout county.

Cherokee County Hiwassee Dam	08	1829EST			0	0			Hail (1.00)
Cherokee County Andrews	08	2200EST			0	0			Hail (0.75)

NORTH CAROLINA, North Coastal

Northampton County Seaboard	09	1410EST			0	0	3K		Thunderstorm Wind
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Vinyl siding ripped off house and fence knocked down.

Pasquotank County 2 SSW Elizabeth City	09	2025EST			0	0			Hail (0.88)
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NORTH CAROLINA, Northwest and North Central

Surry County White Plains	08	1700EST			0	0			Hail (0.75)
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An isolated severe thunderstorm produced dime size hail during the evening hours on the 8th in White Plains.

Wilkes County South Portion	17	0200EST 0700EST			0	0	600K		Flash Flood
Stokes County King	17	0300EST			0	0	0		Thunderstorm Wind
Rockingham County 5 NW Stoneville	17	0330EST			0	0	0		Thunderstorm Wind

Thunderstorms produced flash flooding and damaging winds in north-central and northwest North Carolina during the early morning hours on the 17th.

Heavy rainfall resulted in the flooding of Moravian, Cub and Mill Creeks in the southern portion of Wilkes County. Numerous roads were washed out, damaged, or flooded. In Wilkesboro, over a dozen businesses were damaged by flood waters. Road damage was estimated at \$500,000.

Thunderstorm winds knocked down trees and power lines five miles northwest of Stoneville and knocked down a large tree in King.

NCZ003-019>020 Surry - Wilkes - Yadkin	17	0615EST 1645EST			0	0			Flood
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Heavy rain during the late evening hours on the 16th and early morning hours on the 17th resulted in minor flooding on the Yadkin River in Elkin. The Yadkin River crested almost two and a half feet above flood stage at Elkin at 1245 EST on the 17th.

Storm Data and Unusual Weather Phenomena

April 1998

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

NORTH CAROLINA, Northwest and North Central

NCZ006	Caswell								
	17	1700EST			0	0			Flood
	21	1300EST							
	Heavy rainfall during the late evening hours on the 16th through the early morning hours on the 17th and then again on the 19th resulted in flooding on the Dan River in northern Caswell County.								
Ashe County									
Central Portion	19	1245EST 1445EST			0	0			Flash Flood
Watauga County									
Boone	19	1330EST 1500EST			0	0			Flash Flood
Wilkes County									
Wilkesboro	19	1500EST 1600EST			0	0			Flash Flood
Surry County									
Elkin	19	1610EST 1800EST			0	0			Flash Flood
	Thunderstorms with heavy rainfall during the morning and early afternoon hours on the 19th resulted in flash flooding.								
	In central Ashe County, Buffalo, Silas and Beaver Creeks were flooded. Kraut Creek in Boone, Cub Creek in Wilkesboro, and Elkin Creek in Elkin were flooded. The flooding of Elkin Creek resulted in road closings.								

NORTH CAROLINA, South Coastal

Bladen County									
White Oak	03	2315EST 2320EST			0	0			Hail (0.75)
	Hail covered the ground								
Pender County									
Burgaw	03	2320EST 2322EST			0	0			Hail (0.75)
	Reported by Skywarn Spotter 3 W of Burgaw								
Brunswick County									
Supply	09	0717EST			0	0			Hail (0.75)
Brunswick County									
Leland	09	0733EST 0736EST			0	0			Hail (1.00)
	Reported at Olde Fort Golf Course...10 S Leland								
New Hanover County									
Myrtle Grove to Wrightsville Beach	09	0740EST 0745EST			0	0	2K		Thunderstorm Wind (G77)
	Numerous trees down in the Echo Farms area . 77 Knot gust measured at the Blockade Runner Hotel by local TV station's anemometer								
Brunswick County									
Ash	22	1530EST 1532EST			0	0			Hail (0.75)
	Reported by Fire Department								

NORTH CAROLINA, Southwest

Graham County									
Fontana Vlg	03	1840EST			0	0			Hail (0.75)
Mecklenburg County									
2.5 S Charlotte	03	2128EST			0	0			Hail (2.00)
Henderson County									
Bat Cave	03	2130EST			0	0			Hail (1.00)
Cabarrus County									
Midland	03	2150EST			0	0			Hail (1.75)
	A strong spring storm system moved northeast through the Tennessee Valley on the 3rd. A couple thunderstorms along the occluded front that passed across the mountains became severe and produced hail up to quarter size. Other severe thunderstorms developed along a thermal-moisture boundary in the piedmont and produced hail up to 2 inches in diameter.								

Storm Data and Unusual Weather Phenomena

April 1998

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

NORTH CAROLINA, Southwest

Buncombe County Skyland	08	1435EST			0	0			Hail (0.75)
A severe thunderstorm produced dime size hail.									

Cabarrus County South Portion	09	0400EST 1100EST			0	0			Flood
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Mecklenburg County Charlotte	09	0400EST 1100EST			0	0	50K		Flood
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Union County Monroe	09	0400EST 1100EST			0	0			Flood
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Heavy rain and thunderstorms persisted over the Charlotte metro area during the early morning and resulted in several flooded roads. A park was flooded in Monroe and people were stranded in their van. Bridges were covered by the flood waters in the southern portion of Cabarrus county with one vehicle stuck in the water. Apartments and cars in the Briar Creek area of south Charlotte were flooded and some evacuations took place.

NCZ049-052-059 Yancey - Haywood - Northern Jackson	10	0500EST 1000EST			0	0			Snow
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A trough of low pressure swung east across the mountains during the morning of the 10th and temperatures were just cold enough at the high elevations to produce light snow. One to three inches of snow fell and closed portions of the Blue Ridge Parkway.

Graham County Tuskegee	16	1745EST			0	0			Hail (1.00)
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Graham County Tapoco	16	1750EST			0	0			Hail (1.75)
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Graham County Stecoah	16	1802EST			0	0			Hail (1.00)
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Swain County Bryson City	16	1829EST			0	0			Hail (1.00)
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Jackson County Balsam	16	1850EST			0	0			Hail (1.00)
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Haywood County 3 NE Waynesville	16	1910EST			0	0			Hail (0.88)
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Buncombe County Enka to Asheville	16	1930EST 1940EST			0	0			Hail (2.00)
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Buncombe County Enka to Asheville	16	1930EST 1940EST			0	0			Thunderstorm Wind (G50)
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Henderson County 1 NE Hendersonville	16	1935EST			0	0			Funnel Cloud
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Catawba County 1 S Maiden	16	2133EST			0	0			Hail (1.00)
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Lincoln County 5 N Boger City	16	2133EST			0	0			Hail (1.00)
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Supercell thunderstorms developed in a highly sheared and unstable atmosphere across central and eastern Tennessee ahead of a cold front. One particular supercell tracked from Graham county, across the mountains, including the Asheville area and moved into the foothills and eventually the western piedmont, before dying out. This well-defined mesocyclone produced a swath of large hail across the above listed mountain counties and blew down at least a dozen trees on the north side of Asheville. At least one home was damaged by a fallen tree. The supercell weakened for a time as it crossed the southern foothills, but strengthened along the Catawba/Lincoln county line and produced quarter size hail again. There were a few funnel cloud sightings with this supercell, but there were no confirmed tornado touchdowns.

Caldwell County Lenoir to Patterson	17	0100EST 0900EST			0	0			Flash Flood
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Persistent thunderstorms in Caldwell county late on the 16th and into the 17th caused serious flash flooding during the early morning hours. Numerous evacuations took place, 10 homes and 1 business were flooded, water covered highways 321 and 18 and several mudslides occurred north of Collettesville. The Yadkin River rose out of its banks and damaged 6 houses and 5 mobile

Storm Data and Unusual Weather Phenomena

April 1998

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

NORTH CAROLINA, Southwest

homes.

Iredell County 2 NW Statesville	17	1631EST			0	0			Hail (0.75)
A severe thunderstorm produced dime size hail.									
Henderson County Central Portion	19	1200EST 1400EST			0	0			Flood
Mecklenburg County Charlotte	19	1508EST			0	0	40K		Thunderstorm Wind (G50)
Mecklenburg County 8 N Charlotte	19	1515EST			0	0	30K		Thunderstorm Wind (G50)
Cabarrus County Concord	19	1520EST			0	0	1K		Thunderstorm Wind (G50)
Union County Stallings	19	1605EST			0	0	1K		Thunderstorm Wind (G50)

Thunderstorms ahead of cold front crossing the western North Carolina caused portions of central Henderson county to experience flooding. Interstate 26, U.S. Highway 25, and North Mills River Road were flooded, with high water remaining into the night. Fast-low topped thunderstorms moved rapidly north across the Charlotte metro area a little later in the afternoon. A few of the storms became severe and produced a moderate amount of wind damage. A large tree was blown onto 2 cars, one house, and broke a gas line on the south side of Charlotte. Trees and power lines were downed from Matthews to Mint Hill. North of Charlotte, a roof was blown off an old grocery store, a beauty shop was damaged, mobile home windows were blown out, and a car had a piece of wood hurled through its glass. One large tree and several small trees were blown down, and the corner of a hangar roof was damaged at the Concord Regional Airport. Large limbs were blown down and shingles were blown off a roof in Union county.

NORTH DAKOTA, Central and West

NONE REPORTED.

NORTH DAKOTA, East

NDZ053 Richland	01	0000CST 1000CST			0	0			Heavy Snow
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Bands of heavy snow fell as wrap-around precipitation from a low pressure system tracking toward the Great Lakes. Several bands became nearly stationary, extending from southeast Richland county in North Dakota to southern Clearwater county in Minnesota. Heavy snow fell across this line, with a sharp cutoff to little snow on either side of the line. Hankinson reported 14 inches of snow, Lidgerwood reported 12 inches, and Wahpeton reported 7 inches.

OHIO, East

Coshocton County Coshocton	08	1422EST			0	0			Hail (0.75)
Coshocton County Keene	08	1430EST			0	0	1K		Thunderstorm Wind
Two large trees were downed by thunderstorm winds.									
Tuscarawas County New Philadelphia	08	1500EST			0	4	20K		Thunderstorm Wind
A sign on top of a department store in New Philadelphia was blown over by thunderstorm winds, causing part of the roof to cave in. Four employees inside the store were injured. Nearby, one tree was blown over onto a vehicle and another tree fell onto power lines.									
Belmont County Bellaire	08	1517EST			0	0			Hail (0.75)
Jefferson County Wintersville	08	1523EST			0	0	1K		Thunderstorm Wind
Thunderstorm winds blew a large tree down.									
Columbiana County East Liverpool	08	1525EST			0	0			Hail (0.75)
Harrison County Cadiz	08	1530EST			0	0			Hail (1.00)
Coshocton County Countywide	17	0345EST 0800EST			0	0			Flash Flood

Storm Data and Unusual Weather Phenomena

April 1998

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

OHIO, East

Heavy rains caused minor flooding which forced the closing of several roads across the county, including Rte 60N near Blissfield and Rtes 715 and 206 near Walhonding.

OHIO, North

Sandusky County									
Hessville	08	1240EST			0	0			Hail (1.00)
Sandusky County									
Fremont	08	1256EST			0	0			Hail (0.75)
Erie County									
Sandusky	08	1335EST			0	0			Hail (1.00)
Erie County									
Sandusky	08	1349EST			0	0			Hail (0.75)
Cuyahoga County									
Lakewood	08	1415EST			0	0			Hail (0.88)
Cuyahoga County									
Cleveland	08	1427EST			0	0			Hail (0.75)
Wayne County									
Doylestown	08	1427EST			0	0			Hail (0.88)
Summit County									
Macedonia	08	1430EST			0	0			Hail (1.00)
Cuyahoga County									
Solon	08	1435EST			0	0			Hail (0.88)
Cuyahoga County									
Cleveland Hgts	08	1440EST			0	0			Hail (1.75)
Summit County									
Twinsburg	08	1442EST			0	0			Hail (0.75)
Cuyahoga County									
Gates Mills	08	1450EST			0	0			Hail (0.88)
Stark County									
Waynesburg	08	1452EST			0	0			Hail (0.75)
Ashland County									
Ashland	08	1500EST			0	0			Hail (0.75)
Richland County									
Shelby	08	1500EST			0	0			Hail (0.88)
Richland County									
Mansfield	08	1500EST			0	0			Hail (0.88)
Geauga County									
Chesterland	08	1500EST			0	0			Hail (1.75)
			Large hail fell in Chester Township.						
Geauga County									
Fowlers Mill	08	1503EST			0	0			Hail (1.75)
			Large hail fell in Munson Township.						
Stark County									
Canton	08	1505EST			0	0			Hail (0.88)
Medina County									
Wadsworth	08	1519EST			0	0			Hail (0.75)
Summit County									
Norton	08	1520EST			0	0			Hail (0.75)
Summit County									
Copley	08	1530EST			0	0			Hail (1.75)
Wayne County									
Doylestown	08	1534EST			0	0			Hail (0.75)
Cuyahoga County									
Cleveland Hgts	08	1542EST			0	0			Hail (0.75)
Summit County									
Cuyahoga Falls	08	1546EST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OHIO, North									
Trumbull County Braceville	08	1600EST			0	0			Hail (0.75)
Medina County Hinckley	08	1835EST			0	0			Hail (0.75)
Summit County Richfield	08	1850EST			0	0			Hail (0.75)
Portage County Garrettsville	08	1900EST			0	0			Hail (0.75)
Trumbull County Niles	08	1910EST			0	0			Hail (0.75)
Trumbull County Warren	08	1926EST			0	0			Hail (0.75)
Portage County Garrettsville	08	1945EST			0	0			Hail (0.75)
OHZ047	Knox 09	0830EST 1035EST			0	0	50K		High Wind
			In Fredericktown, at least one house suffered roof damage, a small barn was overturned, and a wood shed and small trees were damaged..						
OHZ028	Crawford 09	0844EST			0	0	40K		High Wind
			Two garages were destroyed.						
OHZ029	Richland 09	0900EST 0930EST			0	0	40K		High Wind
			One tree was downed and a house was damaged in Mansfield. Four large pine trees were also uprooted.						
Erie County Berlin Hgts	09	0900EST			0	1			Lightning
			A man was struck by lightning and was taken to the hospital.						
Richland County Mansfield	09	1000EST 1300EST			0	0			Flood
			Two secondary roads were closed due to high water.						
Huron County Fitchville	09	1000EST 1130EST			0	0			Flood
			State Route 250 was flooded.						
OHZ006	Wood 09	1000EST			0	0	20K		High Wind
			Trees and power lines were downed.						
OHZ003	Lucas 09	1015EST 1100EST			0	0	30K		High Wind
			A number of trees, limbs and power lines were downed.						
Erie County Bay View to Whites Lndg	09 10	1200EST 1000EST			0	0	1M		Storm Surge
Lucas County Toledo to Reno Beach	09 10	1200EST 1000EST			0	0	200K		Storm Surge
Ottawa County Port Clinton to Marblehead	09 10	1200EST 1000EST			0	0	2M		Storm Surge
Sandusky County Whites Lndg	09 10	1200EST 1000EST			0	0	500K		Storm Surge

Northeast gales of 35 knots and water levels that peaked just below 100 inches above low water datum produced 10 to 14 foot waves which caused major damage along the lakeshore. Many lakeshore roads were not only flooded, but also covered with rocks

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
OHIO, North									
Summit County Copley	09	1245EST 1248EST	0.3	25	0	0	2K		Tornado (F0)
									A weak tornado touched down briefly near Copley causing some minor roof damage.
Lorain County Eaton Estates	09	1245EST 1247EST	0.1	20	0	0			Tornado (F0)
									A weak tornado briefly touched down. No damage was reported.
Portage County Windham	09	1330EST 1332EST	0.1	20	0	0			Tornado (F0)
									A weak tornado briefly touched down near State Routes 88 and 303. No damage was reported.
OHZ003		Lucas							
	09	1420EST			0	0	5K		High Wind
									A propane tank was overturned.
Trumbull County Leavittsburg	09	1428EST 1430EST	0.1	20	0	0			Tornado (F0)
									A weak tornado briefly touched down. No damage was reported.
OHZ003		Lucas							
	10	0200EST			0	0	50K		Flood
	13	0100EST							The Maumee River at Waterville exceeded its flood stage of nine feet and crested at 11.1 feet at 0700 EST on 04/11/98. Flooding was confined to low lying areas except for some basement flooding .
OHZ036		Marion							
	10	0300EST			0	0			Flood
	11	0430EST							The Scioto River at LaRue exceeded its flood stage of 11 feet and crested at 12.3 feet at 1000 EST on 04/10/98. There was flooding of low lying areas, including some roads near LaRue.
OHZ008		Sandusky							
	10	0700EST			0	0			Flood
	11	2215EST							The Portage River at Woodville exceeded its flood stage of nine feet and crested at 9.2 feet at 1651 EST on 04/10/98. Flooding was confined to low lying areas, including Trail Marker Park.
Mahoning County Youngstown	16	0230EST			0	0	30K		Lightning
									Lightning struck a garage, igniting a fire that destroyed the garage and a car inside and caused damage to three nearby homes.
OHZ033		Mahoning							
	16	1030EST			0	0			Flood
	17	1400EST							The Mahoning River at Youngstown exceeded its flood stage of 10 feet and crested at 11.8 feet at 1945 EST on 04/16/98. Flooding was confined to low lying areas.
Hancock County Mt Cory	16	1730EST			0	0			Hail (0.75)
									Large hail fell ten miles south of Bluffton.
Huron County Norwalk	16	1900EST 1915EST			0	0	1K		Thunderstorm Wind
									Four trees were downed.
Lorain County Countywide	16	1905EST 2215EST			0	0	50K		Flood

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, North</u>									
Huron County Countywide	16	1905EST 2215EST			0	0			Flood
									Heavy thunderstorm rain caused flooding of many roads and low lying areas and also deposited rocks in some spots across Interstate 90 in the northern portion of the county. In Vermilion, State Routes 60 and 2 had one foot of water standing in places. In the city of Lorain, State Routes 254 and 57 also were covered in spots with one foot of water and some shops had 18 inches of standing water. In Birmingham, Vermilion Road was flooded.
Cuyahoga County Countywide	16	2020EST 2215EST			0	0			Flood
									Heavy thunderstorm rain caused flooding of many roads and low lying areas. There was flooding in Willard on State Route 61 and in Wakeman on Highway 21.
OHZ011									Cuyahoga
	16	2100EST			0	0	75K		Flood
	17	1200EST							The Cuyahoga River at Independence exceeded its flood stage of 16 feet and crested at 18.1 feet at 0600 EST on 04/17/98. Flooding occurred along Tinkers Creek Road and Canal Road. There was also some flooding of residential and commercial areas on Gleeson and Charles Streets.
Medina County Countywide	16	2120EST 2215EST			0	0			Flood
									Heavy thunderstorm rain caused flooding of streets, streams and low lying areas.
Trumbull County Niles	16	2120EST 2150EST			0	0			Flood
									Heavy thunderstorm rain caused extensive street flooding by the Eastwood Mall.
Mahoning County Countywide	16	2158EST 2228EST			0	0			Flood
									Heavy thunderstorm rain caused flooding of many roads.
Summit County North Portion	16	2215EST 2245EST			0	0			Flood
									Heavy thunderstorm rain caused flooding of many roads, especially in the Boston Heights area.
Geauga County Countywide	16	2215EST 2240EST			0	0	20K		Flood
									Heavy thunderstorm rain caused flooding of many roads, particularly in the areas of Bainbridge and Burton. At least one building in Burton had six feet of standing water.
OHZ009									Erie
	17	0001EST 2115EST			0	0			Flood
									The Huron River at Milan exceeded its flood stage of 14 feet and crested at 17.2 feet at 1100 EST on 04/17/98. Flooding occurred in some lagoon communities from Milan to near Huron, resulting in some cottages and homes being completely surrounded by flood water. Some roads were impassable.
OHZ036									Marion
	17	0001EST 1800EST			0	0			Flood
									The Scioto River at LaRue exceeded its flood stage of 11 feet and crested at 11.4 feet at 0400 EST on 04/17/98. Flooding was confined to low lying areas.
OHZ023									Trumbull
	17	1315EST 1745EST			0	0			Flood
									The Mahoning River at Leavittsburg exceeded its flood stage of 10 feet and crested at 10.4 feet at 1500 EST on 04/17/98. Flooding was confined to low lying areas.
<u>OHIO, Northwest</u>									
Williams County Edgerton	01	1233EST			0	0	0.50K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, Northwest</u>									
Few trees down near Edgerton.									
Van Wert County Wetsel	08	1005EST			0	0			Hail (1.00)
									Hail 1 inch in diameter just northeast of Wetsel reported by Emergency Manager.
Putnam County Cloverdale	08	1025EST			0	0			Hail (1.00)
									Hail up to 1 inch in diameter reported in Cloverdale by Assistant Emergency Manager.
Allen County Lima to Beaverdam	16	1648EST 1658EST			0	0			Hail (0.75)
									Three-quarter inch hail was reported by Amateur Radio Operators and Sheriff's Department on Mumaugh Rd. in Lima and along I-75 at Beaverdam.
<u>OHIO, Southeast</u>									
Athens County 3 SW Athens	08	1345EST			0	0			Hail (0.75)
Washington County Dunham	08	1423EST			0	0			Hail (0.75)
Vinton County Creola	15	2030EST			0	0			Hail (0.75)
<u>OHIO, Southwest</u>									
Clermont County Batavia	08	0225EST			0	0			Hail (0.75)
Highland County Hillsboro	08	0300EST			0	0			Hail (0.88)
Franklin County Columbus	08	1250EST			0	0			Hail (0.75)
Franklin County Flint	08	1304EST 1305EST			0	0			Hail (0.75)
Delaware County Sunbury	08	1320EST			0	0			Hail (0.75)
Scioto County Portsmouth	08	1545EST			0	0	3K		Thunderstorm Wind (G50)
									Several trees downed.
Hardin County Kenton	08	2200EST			0	0			Hail (0.88)
Logan County Bellefontaine	09	0033EST 0130EST			0	0			Flood
									Heavy rainfall caused roads to be flooded.
Shelby County Sidney	09	0100EST 0130EST			0	0			Flood
									Persistent heavy rains caused roads to be close due to high water.
Shelby County Pemberton	09	0600EST 0845EST			0	0			Flood
									After a short break, thunderstorms with heavy rainfall dropped 1-2 additional inches across the county causing more roads to be flooded.
Logan County De Graff	09	0700EST 0740EST			0	0			Flood
									After a few hours of dry conditions, thunderstorms with heavy rainfall returned to the county causing more roads to be flooded.
Hardin County Countywide	09	1900EST 2200EST			0	0			Flood
									Heavy rainfall caused numerous county roads to be closed.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OHIO, Southwest									
Highland County Rocky Fork Lake	15	1900EST			0	0			Hail (0.75)
Hamilton County Countywide	16	0146EST 0830EST			0	0	4M		Flood
			Heavy rainfall caused numerous roads to be closed. Also, Mill Creek overflowed its banks near Sharonville and Evandale. Many areas businesses received major damage due to the flood waters.						
Butler County Countywide	16	0220EST 0600EST			0	0			Flood
			Thunderstorms with heavy rainfall caused many roads to be closed due to high water.						
Clermont County Countywide	16	0220EST 0800EST			0	0			Flood
			Heavy rainfall caused many roads to be flooded.						
Clinton County Countywide	16	0223EST 0800EST			0	0			Flood
			Many creeks and streams were flooded by persistent heavy rainfall. Numerous roads were closed due to the high water.						
Warren County Countywide	16	0230EST 0900EST			0	0	2M		Flood
			Persistent heavy rainfall caused county creeks and streams to flood across roads. A section of State Route 350 was washed out by the high water. One hundred fifty people were evacuated from the banks of Turtle Creek while a total of 210 were evacuated across the county. Seventy homes received minor damage and 5 had major damage.						
Greene County Countywide	16	0500EST 0800EST			0	0			Flood
			Persistent heavy rainfall caused several roads to be closed.						
Warren County Springboro	16	0500EST			0	0	250K		Lightning
			Lightning struck a home which caused a fire. The home was completely destroyed by the fire.						
Franklin County Countywide	16	0700EST 0900EST			0	0			Flood
			Heavy rainfall caused many roads to be closed. Also, a trailer park with evacuated due to a rapidly rising creek. A warm front remained across southwestern Ohio through the overnight hours providing the focus for thunderstorms which produced 2-4 inches of rain in 6-8 hours.						
OHZ071-078			Warren - Clermont						
	16	0400EST			0	0			Flood
	18	2300EST							
			The Little Miami River rose out of its banks from Kings Mills to Milford. At Kings Mills, the river crested at 24.0 feet around 100 pm EST on the 16th. Flood stage is 17.0 feet. Some flooding occurred in South Lebanon and Morrow in Warren county. A police car was submerged by the rising flood water. At Milford, the river crested at 21.3 feet around noon on the 16th. Flood stage is 17.0 feet.						
OHZ077			Hamilton						
	16	0800EST			0	0			Flood
	17	0600EST							
			The Great Miami River at Miamitown rose out of its banks, reaching an estimated 22.0 feet around 300 pm EST on the 16th. Flood stage is 16.0 feet. The flooding affected some homes along the river from New Baltimore to Cleves.						
Mercer County Celina	16	1604EST			0	0			Hail (0.75)
Preble County Eaton	16	1655EST			0	0			Hail (1.00)
OHZ073-082			Ross - Pike						
	16	2100EST			0	0			Flood
	19	2300EST							
			The Scioto River rose out of its banks at Circleville and Piketon. At Circleville, the river crested at 16.9 feet around 600 am EST on the 18th. Flood stage is 14.0 feet. At Piketon, the river crested at an estimated 21.0 feet around 700 pm EST on the 17th. The						

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
OHIO, Southwest									
flooding was limited to agricultural areas and bottomland areas. Also, backwater flooding into area creeks occurred.									
Warren County Waynesville to Springboro	22	1415EST 1440EST			0	0			Hail (1.75)
A thunderstorm left a path of large hail across the northern part of the county. The hail accumulated several inches deep in spots.									
Montgomery County Chautauqua to Germantown	22	1450EST 1510EST			0	0			Hail (1.00)
A thunderstorm left a path of large hail which accumulated to several inches in spots.									
Preble County Camden	22	1526EST 1545EST			0	0			Hail (1.00)
Hail accumulated to 1 inch depth during a thunderstorm.									
OHZ081 Adams	30	1200EST 1700EST			0	0			Flood
The Ohio Brush Creek at West Union left its banks reaching a crest of 15.6 feet around 300 pm on the 30th. Flood stage is 15.0 feet. The flooding was limited to low-lying areas near the river.									
OKLAHOMA, Eastern									
Tulsa County Tulsa	02	2323CST			0	0			Hail (0.75)
Near 51st and Yale									
Craig County Welch	02	2359CST			0	0			Thunderstorm Wind (G52)
Delaware County 5 NE Grove	03	0028CST			0	0			Hail (0.75)
30 to 40 mph winds reported as well									
Summary of events for April 2-3 1998:									
A line of thunderstorms formed along an eastward-moving dryline over central and western Oklahoma late on the afternoon of April 2. As the thunderstorms moved into northeast Oklahoma generally along and north of US Hwy 412, an outflow boundary formed out in advance of the line. The thunderstorms remained below severe limits for the most part, primarily producing widespread thunderstorm wind gusts of 30 to 45 miles an hour. However, the thunderstorms did strengthen enough over the far northeast corner of Oklahoma to cause isolated severe reports there.									
Osage County Shidler	06	2030CST			0	0	0.10K		Thunderstorm Wind
A broken line of thunderstorms, oriented from northwest to southeast, moved across northwestern Osage County in advance of a much larger complex of thunderstorms over northwestern and northcentral Oklahoma. These storms downed large tree limbs near Shidler.									
Okfuskee County Weleetka	06	2040CST			0	0			Thunderstorm Wind (G52)
Mcintosh County Pierce	06	2110CST			0	0			Hail (0.75)
Mcintosh County 5 W Eufaula	06	2118CST			0	0			Hail (0.75)
Mcintosh County 4 WNW Eufaula	06	2120CST			0	0			Thunderstorm Wind (G55)
63 mph tstm gust measured at Oklahoma mesonet site									
Pittsburg County Haywood	06	2120CST			0	0	0.10K		Thunderstorm Wind
Several large tree limbs downed									
Muskogee County Porum	06	2140CST			0	0	0.10K		Thunderstorm Wind
Several large tree limbs downed									
Haskell County Tamaha	06	2200CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Eastern									
Pittsburg County 1 W Kiowa	06	2210CST			0	0			Hail (1.75)
Pittsburg County 1 N Kiowa	06	2214CST			0	0			Hail (1.75)
Sequoyah County Sallisaw	06	2218CST			0	0			Hail (0.75)
Haskell County Keota	06	2220CST			0	0			Thunderstorm Wind (G52)
Adair County Bunch	06	2225CST			0	0			Thunderstorm Wind (G52)
Latimer County Red Oak	06	2245CST			0	0			Hail (0.75)
Sequoyah County Short	06	2245CST			0	0			Hail (0.75)
Sequoyah County Short	06	2245CST			0	0			Thunderstorm Wind (G61)
Tulsa County Glenpool	06	2253CST			0	0			Hail (0.88)
Le Flore County Arkoma	06	2255CST			0	0			Thunderstorm Wind (G52)
Tulsa County Jenks	06	2300CST			0	0			Hail (0.75)
Wagoner County 3 E Coweta	06	2328CST			0	0			Hail (0.88)
			Nickel-sized hail covered the ground						
Osage County Shidler	06	2333CST			0	0			Hail (0.75)
Le Flore County 10 S Heavener	06	2340CST			0	0			Hail (0.88)
			Near US Hwy 259 and State Hwy 1						
Le Flore County 2 NE Muse	07	0005CST			0	0			Funnel Cloud
Summary of events for April 6 1998:									
Two distinct lines of thunderstorms moved across eastern Oklahoma on the evening of April 6. One line moved across far northern Oklahoma, mainly affecting Osage and Pawnee counties between 800 PM CDT and 1030 PM CDT. This line produced no known severe weather.									
The second line produced severe thunderstorms, containing primarily dime to nickel-sized hail and some 60 to 70 mph wind gusts. It affected east central and southeast Oklahoma. The line of storms first entered Okfuskee County around 930 PM CDT and swept eastward, mainly along and south of Interstate 40. The line of storms had moved eastward into Arkansas by midnight CDT.									
Another thunderstorm displaying signs of rotation on radar moved across extreme southern Pittsburg, northern Pushmataha, and southern Le Flore Counties from just before midnight until just after 1 AM CDT, but only a few reports of funnel clouds were received just east of Talihina and northeast of Muse, both in Le Flore County.									
Finally, isolated severe thunderstorms containing dime to nickel-sized hail formed over Osage, Tulsa, and Wagoner Counties between 1130 PM CDT and 100 AM CDT as a weak cold front approached from the northwest.									
Okmulgee County 4 N Beggs	07	1911CST			0	0			Hail (0.88)
Creek County Mounds	07	1915CST			0	0			Hail (0.88)
Okmulgee County 3 W Hector	07	1915CST			0	0			Hail (0.75)
Tulsa County 3 SW Bixby	07	1920CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 1998

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

OKLAHOMA, Eastern

Muskogee County Haskell	07	1930CST			0	0			Hail (0.75)
Muskogee County Ft Gibson	07	2005CST			0	0			Hail (0.75)
Creek County Sapulpa	07	2015CST			0	0			Hail (0.75)
Creek County 1 E Sapulpa	07	2020CST			0	0			Hail (0.75)
Tulsa County 2 W Bixby	07	2023CST			0	0			Hail (0.88)
Tulsa County Bixby	07	2037CST			0	0			Hail (1.00)
Wagoner County Coweta	07	2050CST			0	0			Hail (0.75)

Summary of events for April 7 1998:

Two isolated severe thunderstorms, following very similar paths, developed by surprise on the evening of April 7 with the approach of a 500 mb cold front in northwesterly flow aloft. Both thunderstorms developed near Stillwater, travelling quickly eastward to near Tahlequah before dying out. The thunderstorms were separated in time by just over one hour. These thunderstorms produced mostly dime to nickel-sized hail.

OKZ054>055-059>060 Osage - Washington - Pawnee - Tulsa	12	0900CST 1600CST			0	0			High Wind (G45)
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Summary of April 12 1998 high wind event:

While Easter Sunday (April 12) was windy across most of eastern Oklahoma, these four counties had measured wind gusts over 50 miles an hour. At 1131 AM CDT, the Tulsa International Airport measured a peak gust for the day of 52 miles an hour. The sustained wind at the time was 41 miles an hour. At 148 PM and 447 PM CDT, the Bartlesville observation site (KBVO) measured wind gusts of 52 miles an hour. At 200 PM CDT, both the Burbank and Pawnee mesonet sites measured wind gusts of 52 and 50 miles an hour respectively. Otherwise, the rest of northeast Oklahoma saw frequent wind gusts of 40 to 45 miles an hour.

The strong winds were caused by the pressure gradient between a 983 mb low over the northern plains and a 1024 mb ridge of high pressure along the Atlantic seaboard.

Pawnee County Maramec	14	1706CST			0	0			Hail (0.75)
Pawnee County 1 S Hallett	14	1712CST			0	0			Hail (1.00)
Pawnee County 1 S Cleveland	14	1725CST			0	0			Hail (0.88)
Osage County 16 W Burbank	14	1745CST			0	0	2K		Hail (3.00)
3" diameter hail caused roof damage and busted windows out of a car about 4 miles east-southeast of Ponca City									
Osage County 8 W Burbank	14	1750CST			0	0			Hail (2.00)
Osage County 1 W Burbank	14	1755CST			0	0			Hail (0.75)
Osage County Shidler	14	1800CST			0	0			Hail (1.75)
Osage County 3 NE Bowring	14	2030CST			0	0			Hail (1.00)
Washington County Copan	14	2045CST			0	0			Hail (0.75)
Nowata County Wann	14	2100CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

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

OKLAHOMA, Eastern

Nowata County								
South Coffeyville	14	2112CST			0	0		Hail (1.75)

Summary of events for April 14 1998:

Scattered severe thunderstorms developed late on the afternoon of April 14 over northcentral Oklahoma well out in advance of a dryline over western Oklahoma. One thunderstorm developed near Stillwater and became severe as it travelled across Pawnee County from Maramec to just south of Cleveland early in the evening. The storm continued across southeastern Osage County and weakened below severe limits before entering northern Tulsa County. Another severe thunderstorm entered western Osage County south of Ponca City and travelled across northwestern Osage County, producing hail as large as 3 inches in diameter before exiting into Kansas northeast of Foraker. Finally, thunderstorms redeveloped around 830 pm CDT over northern Osage County and became severe after 900 pm CDT, moving from northeastern Osage across far northern Washington and far northern Nowata Counties before exiting into Kansas and weakening below severe levels.

Sequoyah County								
9 NE Gore	15	1640CST			0	0		Hail (0.75)
Le Flore County								
Fanshawe	15	1815CST			0	0		Hail (0.75)
Pittsburg County								
2 S Mc Alester	15	1855CST			0	0		Hail (0.75)
			Dime-sized hail covered the ground					
Le Flore County								
3 W Panama	15	1933CST			0	0		Hail (0.88)
Pushmataha County								
4 NW Moyers	15	1950CST			0	0		Thunderstorm Wind (G52)
Le Flore County								
Pocola	15	2001CST			0	0		Hail (0.88)
Le Flore County								
Hodgen	15	2013CST			0	0		Hail (1.00)
Choctaw County								
2 NW Sawyer	15	2256CST			0	0	0.10K	Thunderstorm Wind
			Large tree limbs down and hail of unknown size					
Pushmataha County								
8 E Albion	16	0140CST			0	0		Hail (0.75)
Muskogee County								
Muskogee	16	0145CST			0	0		Hail (0.75)
Mcintosh County								
Checotah	16	0150CST			0	0		Hail (0.88)
Muskogee County								
Warner	16	0155CST			0	0		Hail (0.75)
Cherokee County								
3 N Cookson	16	0200CST			0	0		Hail (0.88)
Le Flore County								
2 N Talihina	16	0200CST			0	0		Hail (0.75)
Adair County								
Bunch	16	0215CST			0	0		Hail (1.00)
Sequoyah County								
Nicut	16	0256CST			0	0		Hail (1.75)
Pushmataha County								
Kiamichi	16	0420CST			0	0		Hail (0.75)
Le Flore County								
Muse	16	0429CST			0	0		Hail (0.75)
Pushmataha County								
8 E Albion	16	0430CST			0	0		Hail (1.00)
Le Flore County								
Muse	16	0435CST			0	0		Hail (0.88)

Summary of events for April 15-16 1998:

Storm Data and Unusual Weather Phenomena

April 1998

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

OKLAHOMA, Eastern

Two rounds of severe weather affected east central and southeast Oklahoma with this event: the first was during the late afternoon through late evening hours of April 15; the second was during the early morning hours of April 16.

A broken line of severe thunderstorms, primarily producing dime to nickel-sized hail, developed late on the afternoon of April 15 along a Pacific cold front moving through eastern Oklahoma. The first thunderstorms developed east of Muskogee around 400 PM CDT, and the rest of the front lit up with thunderstorms during the evening. Areas affected by the severe thunderstorms were to the southeast of Mc Alester, Tahlequah, and West Siloam Springs. The north end of the thunderstorm line moved quickly into Arkansas early in the evening, while the south end of the line moved slowly and took the entire evening to sag south of the Red River.

The second round of severe storms developed during the early morning hours of April 16 with the approach of strong upper level winds, well behind the cold front now located over north Texas. These storms produced large amounts of dime to quarter-sized hail, with one report of golfball-sized hail. The progression of these storms was similar to round one, with initial development over eastcentral Oklahoma followed by a southward push to the severe emphasis.

Washington County

Ochelata 26 **0530CST** **0** **0** **Hail (0.75)**

Rogers County

5 N Bushyhead 26 **0553CST** **0** **0** **Hail (1.75)**
Quarter to golfball-sized hail reported by Chelsea PD to be covering the ground 4 miles west of Chelsea

Rogers County

4 W Catale 26 **0600CST** **0** **0** **Hail (1.00)**

Craig County

3 S White Oak 26 **0610CST** **0** **0** **Hail (1.75)**

Mayes County

5 NW Adair 26 **0630CST** **0** **0** **Hail (1.00)**

Delaware County

4 ENE Grove 26 **0655CST** **0** **0** **Hail (0.88)**

Summary of events for morning of April 26 1998:

Severe thunderstorms developed along and to the north of a cold front moving into northeast Oklahoma with the approach of a n upper level disturbance on the morning of Sunday, April 26. These thunderstorms tracked from southern Washington County across northern Rogers, southern Craig, and northern Delaware Counties before exiting into southwestern Missouri. These severe thunderstorms were responsible for producing very large hail to the size of golfballs.

Choctaw County

Boswell 26 **1948CST** **0** **0** **25K** **Thunderstorm Wind**

Thunderstorm winds caused a tree to fall on a mobile home and a vehicle parked near the mobile home in Boswell. The Dodso n Feed Store in Boswell had its roof torn away by the high winds. Countywide, the winds knocked down numerous trees and caused power outages as the thunderstorms moved to the east at 45 miles an hour.

Choctaw County

Ft Towson 26 **2030CST** **0** **0** **0.50K** **Thunderstorm Wind**

Several trees blown down

Pittsburg County

Mc Alester 26 **2042CST** **0** **0** **Thunderstorm Wind (G61)**

Pushmataha County

Nashoba 26 **2045CST** **0** **0** **0.10K** **Thunderstorm Wind**

A few large tree limbs blown down

Le Flore County

Zafra 26 **2150CST** **0** **0** **0.10K** **Thunderstorm Wind**

Several trees and large tree limbs blown down

Summary of events for evening of April 26 1998:

A line of severe thunderstorms, primarily containing strong straight-line winds, raced across southeast Oklahoma on the evening of April 26. The storms weakened briefly while moving across Haskell County but reintensified as they moved into southern Le Flore County.

Storm Data and Unusual Weather Phenomena

April 1998

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

OKLAHOMA, Eastern

Tulsa County

(Tul)Tulsa Intl Arpt	27	0000CST 1100CST			0	0			Heavy Rain
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The 2.33 inches of rain that fell at the Tulsa International Airport between midnight CST and Noon CDT was enough to break the daily rainfall record for April 27. The previous rainfall record for April 27 had been 1.85 inches set in 1985.

Tulsa County

(Tul)Tulsa Intl Arpt	27	0000CST 2359CST			0	0			Record Cool
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The high temperature at the Tulsa International Airport (KTUL) on the afternoon of April 27 was 57 degrees Fahrenheit. This broke the previous record low maximum temperature for the date of 60 set in 1920.

Creek County Countywide

27	0400CST 0930CST			0	0			Flash Flood
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Osage County Countywide

27	0400CST 0930CST			0	0			Flash Flood
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Pawnee County Countywide

27	0400CST 0930CST			0	0			Flash Flood
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Tulsa County Countywide

27	0400CST 0930CST			1	0	12K		Flash Flood
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M39VE

Summary of flash flood event on April 27 1998:

Moderate to heavy rains near the center of a nearly stationary upper level weather system developed late in the evening on April 26. As the nearly stationary area of rain continued into the pre-dawn hours of April 27, grounds became saturated and flash flooding commenced in Creek, Osage, Pawnee, and Tulsa Counties. There were widespread two-day rainfall totals in excess of 4 inches in these counties, most of which fell during the early-morning hours of April 27. Some places approached 6 inch totals. The following are some two-day rainfall totals (in inches): Cleveland_5WSW...6.23, Hominy...6.02, Bristow...5.81, Mannford_6NW...5.76, Oilton...5.71, Maramec...5.65, Skiatook...5.21, Pawnee...4.87, Burbank...4.65, Wynona...4.43, Ralston...4.40, Tulsa International...3.93, Tulsa Riverside...3.76. Again, most of this fell between 7 PM CDT on April 26 and Noon CDT on April 27.

One death occurred in this event as a 39-year old man tried driving across a low-water bridge over Fred Creek near 86th and Lewis in southwest Tulsa between 500 and 530 AM CDT. Floodwaters swept his car off the road and carried it two blocks downstream before the water submerged it completely. It took three hours before floodwaters receded enough for rescuers to even find the car.

Otherwise, numerous streets in Creek, Tulsa, and Osage Counties were flooded. In Creek County, Sahoma Lake Road (161st W. Ave) near Sapulpa was closed.

In Osage County, Delaware Creek came out of its banks and forced the closing of Osage Drive in Sperry. In Hominy, high waters from Penn Creek caused the closing of a street near the Hominy City Barn for several hours. Water levels at the Low Water Bridge were the highest in years. High waters completely covered Main Street in front of the Hominy Animal Clinic.

In Tulsa County, flooding forced the closure of several roads in Bixby and in the city of Tulsa, including 56th Street North just east of Hwy 75, E. 86th Street N. and E. 96th Street N. from US Hwy 75 to SH 11, and SH 51 from 137th W. Ave. to W. 41st Street. Hwy 20 in and around Skiatook had to be closed as well as Hwy 11 north of Skiatook and south of Skiatook to Sperry. About 15 people evacuated their homes in Skiatook. In Owasso, a woman had to be rescued when water pushed her car off of Mingo Road.

Heavy rains sent the Bird Creek, Caney River, Polecat Creek, Deep Fork River, and the Neosho River above flood stage.

OKLAHOMA, Extreme Southeast

NONE REPORTED.

OKLAHOMA, Panhandle

Beaver County Clear Lake

07	1450CST			0	0			Hail (1.00)
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A severe thunderstorm produced large hail over the eastern Oklahoma Panhandle during the afternoon as reported by the Beaver county sheriff's office.

Storm Data and Unusual Weather Phenomena

April 1998

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

OKLAHOMA, Panhandle

Cimarron County

5 SE Kenton	11	1910CST			0	0			Thunderstorm Wind (G50)
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A severe thunderstorm moved through the western Oklahoma panhandle producing an isolated report of high winds.

OKLAHOMA, Western, Central and Southeast

Harper County

6 E Laverne	06	1615CST			0	0			Hail (1.00)
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Comanche County

5 S Cache	06	1716CST			0	0			Hail (0.75)
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Woodward County

21 NNE Mooreland	06	1730CST			0	0			Thunderstorm Wind (G53)
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measured at the Oklahoma Mesonet site

Tillman County

4 W Grandfield	06	1737CST			0	0			Hail (0.88)
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Tillman County

5 SW Grandfield	06	1741CST			0	0			Hail (1.00)
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Tillman County

Grandfield	06	1743CST			0	0			Hail (0.75)
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Woods County

16 NNE Freedom	06	1755CST			0	0			Thunderstorm Wind (G53)
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measured at the Oklahoma Mesonet site

Comanche County

6 S Lawton	06	1800CST			0	0			Hail (0.75)
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Tillman County

Grandfield	06	1800CST			0	0			Hail (1.00)
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Custer County

5 SW Butler	06	1805CST			0	0			Thunderstorm Wind (G58)
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measured at the Oklahoma Mesonet site

Cotton County

4 N Devol	06	1810CST			0	0			Hail (0.88)
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Alfalfa County

Cherokee	06	1848CST			0	0			Hail (0.75)
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McClain County

Payne	06	1849CST			0	0			Hail (0.75)
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Grant County

6 NNE Nash	06	1905CST			0	0			Hail (0.88)
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Stephens County

Comanche	06	1907CST			0	0			Hail (0.88)
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Garfield County

Drummond	06	1939CST			0	0			Hail (0.88)
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Stephens County

2 SE Velma	06	1945CST	0.1	10	0	0			Tornado (F0)
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Tornado touched down briefly in an open field and lasted less than one minute.

Garvin County

8 S Stratford	06	2038CST			0	0			Hail (1.00)
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Murray County

3 N Sulphur	06	2040CST			0	0			Hail (0.75)
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Logan County

Crescent	06	2045CST			0	0			Hail (0.88)
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Pontotoc County

2 SE Fittstown	06	2115CST			0	0			Hail (0.88)
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Summary of events of April 6, 1998:

Severe thunderstorms moved across much of Oklahoma during the late afternoon and evening of the 6th. Hail as large as quarters, severe straight-line winds, and one tornado were reported. The tornado, an F0, touched down in a field in Stephens County. Severe thunderstorm wind gusts were measured at speeds up to 67 mph by the Oklahoma Mesonet site north of Mooreland in Woodward

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western, Central and Southeast									
County. Reports of hail as large as quarters were received from near Grandfield in Tillman County, east of Laverne in Harper County, and south of Stratford in Garvin County.									
See preceding individual Storm Data entries for further details and additional reports.									
Woodward County Woodward	07	1550CST			0	0			Hail (1.00)
Woodward County Woodward	07	1555CST			0	0			Hail (0.88)
Nickel-sized hail covered the ground on the east side of Woodward.									
Lincoln County 3 NW Agra	07	1758CST			0	0			Hail (0.88)
Kiowa County 3 E Roosevelt	14	1418CST			0	0			Hail (1.00)
Kiowa County 3 E Cooperton	14	1429CST			0	0			Hail (1.00)
Caddo County 8 S Carnegie	14	1515CST			0	0			Hail (0.88)
Caddo County 4 SW Apache	14	1529CST			0	0			Hail (0.75)
on Highway 281									
Caddo County Cement	14	1543CST			0	0			Hail (0.88)
Caddo County 8 NW Apache	14	1549CST			0	0			Hail (1.50)
Caddo County 8 NW Apache	14	1549CST			0	0			Thunderstorm Wind (G52)
Caddo County 5 E Apache	14	1554CST			0	0			Hail (0.88)
Caddo County 2 W Cyril	14	1556CST			0	0			Hail (1.00)
Caddo County Cyril	14	1602CST			0	0			Hail (0.88)
Caddo County 2 W Cyril	14	1611CST			0	0			Hail (0.75)
Grady County Chickasha	14	1611CST			0	0			Hail (0.75)
Grady County 2 NE Ninnekah	14	1615CST			0	0			Hail (1.25)
Grady County 2 S Alex	14	1625CST			0	0			Thunderstorm Wind (G52)
on Highway 19									
Grady County Ninnekah	14	1625CST			0	0			Hail (1.75)
Grady County .5 E Alex	14	1626CST			0	0	6K		Thunderstorm Wind
Severe thunderstorm winds tore the roof off an unoccupied business building on Highway 19.									
Grady County Chickasha	14	1630CST			0	0	0.50K		Thunderstorm Wind
Severe thunderstorm winds downed a power pole on Highway 277 near Chickasha.									
Grady County Ninnekah	14	1630CST			0	0			Thunderstorm Wind (G69)
Severe thunderstorm winds were recorded at speeds up to 80 mph between Chickasha and Rush Springs. Numerous limbs were e downed in and around Chickasha.									
Grady County 1 NE Norge	14	1630CST			0	0			Hail (1.00)
Tillman County 6 SW Grandfield	14	1655CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

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

OKLAHOMA, Western, Central and Southeast

Garvin County 2 W Lindsay	14	1700CST			0	0			Hail (0.88)
Garvin County 2 W Lindsay	14	1700CST			0	0	0.50K		Thunderstorm Wind
Severe thunderstorm winds downed trees.									
Mcclain County 7 WSW Payne	14	1700CST			0	0			Hail (1.00)
Tillman County 3 WNW Grandfield	14	1700CST			0	0			Thunderstorm Wind (G50)
measured at the Oklahoma Mesonet site									
Cotton County 4 N Devol	14	1705CST			0	0			Thunderstorm Wind (G52)
Mcclain County Payne	14	1710CST			0	0			Hail (1.00)
Garvin County Paoli	14	1725CST			0	0			Hail (1.25)
Cotton County Walters	14	1730CST			0	0			Hail (1.00)
Garvin County Pauls Valley	14	1730CST			0	0			Hail (1.75)
Garvin County Pauls Valley	14	1734CST			0	0			Hail (1.00)
Garvin County Pauls Valley	14	1735CST			0	0			Hail (0.90)
Kay County 3 S Ponca City	14	1742CST			0	0	10K		Hail (3.00)
Hail larger than baseballs broke windows and damaged roofs and vehicles south of Ponca City.									
Kay County 3 S Ponca City	14	1742CST			0	0	0.30K		Thunderstorm Wind (G52)
Severe thunderstorm winds estimated at 60 mph downed power lines south of Ponca City.									
Noble County 2 SE Marland	14	1743CST			0	0			Hail (1.00)
Stephens County Duncan	14	1745CST			0	0			Hail (1.00)
Garvin County 11 E Pauls Valley	14	1750CST			0	0			Hail (1.00)
Garvin County 15 S Pauls Valley	14	1805CST			0	0			Hail (1.00)
Garvin County Stratford	14	1805CST			0	0			Hail (1.00)
Garvin County 3 S Stratford	14	1809CST			0	0			Hail (1.88)
Pontotoc County Vanoss	14	1810CST			0	0			Hail (0.88)

Summary of events of April 14, 1998:

Isolated severe thunderstorms developed during the afternoon and moved across Oklahoma, producing large hail and damaging winds. One storm in north-central Oklahoma produced hail up to 3 inches in diameter and wind gusts estimated as high as 60 mph south of Ponca City. Houses and cars sustained damage from this storm. Another storm in central Oklahoma produced hail as large as golf balls and damaging wind gusts as well. Portions of Grady County were particularly hard-hit, with damage reported to trees and power lines between Rush Springs and Chickasha.

See preceding individual Storm Data entries for further details and additional reports.

Atoka County 5 SW Lane	15	1940CST			0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western, Central and Southeast									
Atoka County									
4 SW Lane	15	1942CST			0	0			Hail (0.88)
Atoka County									
3 SW Lane	15	1945CST			0	0			Hail (1.00)
Atoka County									
2 SW Lane	15	1945CST			0	0			Hail (0.75)
Major County									
5 E Chester	26	0305CST			0	0			Hail (1.00)
Cotton County									
7 SE Temple	26	0730CST			0	0			Hail (1.00)
Jefferson County									
Hastings	26	0735CST			0	0			Hail (0.88)
Stephens County									
4 SE Bray	26	0800CST			0	0			Hail (1.00)
Tillman County									
6 SW Grandfield	26	1250CST			0	0			Hail (0.75)
Pontotoc County									
8 NW Ada	26	1528CST			0	0			Hail (0.75)
Stephens County									
Marlow	26	1715CST			0	0			Flash Flood
			Flash flooding washed out a road and flooded two streets.						
Carter County									
Lone Grove	26	1755CST			0	0	10K		Thunderstorm Wind
			Severe thunderstorm winds unroofed two mobile homes.						
Carter County									
Ardmore	26	1805CST			0	0	2K		Thunderstorm Wind
			Numerous tree limbs and power lines were downed by severe thunderstorm winds. A carport was also damaged.						
Jefferson County									
Waurika	26	1900CST			0	0			Flash Flood
			Two-inch rain on already saturated ground caused flash flooding of low-lying areas and resulted in several road closings in the Waurika area.						
Johnston County									
4 W Nida	26	1900CST			0	0	0.50K		Thunderstorm Wind (G52)
			Severe thunderstorm winds estimated at 60 mph blew down 6-inch diameter tree limbs and knocked out power.						
Garvin County									
Pauls Vly	26	1920CST			0	0			Flash Flood
			After 3 to 4 inches of rain fell during the afternoon and evening, Highway 19 was closed due to high water between Maysville and Pauls Valley. In the business district of Pauls Valley, water rose to depths of 4 to 5 inches deep.						
Coal County									
Coalgate	26	1935CST			0	0	2.5K		Thunderstorm Wind
			Severe thunderstorm winds destroyed a barn near the junction of Highways 3 and 75. Power lines and trees were also downed across Coal County.						
Atoka County									
12 S Atoka	26	1945CST			0	0	0.50K		Thunderstorm Wind
			Severe thunderstorm winds downed power lines.						
Atoka County									
7 SE Atoka	26	1955CST			0	0	0.50K		Thunderstorm Wind
			Severe thunderstorm winds downed power lines.						
Seminole County									
Countywide	26	2030CST 2230CST			0	0	165K		Flood
			Rainfall amounts upwards of 3 inches caused widespread creek, ditch, and street flooding across Seminole County. Numerous driveways built across ditches (tin horns) across the county were washed out and several roads were closed. Tragically, a mother and her two children drowned in a swollen creek. Investigators determined that flooding was not the direct cause of the accident since she was not washed off the road; rather, she had simply driven off of the roadway in the darkness and the family was not able to escape the vehicle.						

Storm Data and Unusual Weather Phenomena

April 1998

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

Seminole County

Seminole	26	2055CST			0	0			Flash Flood Several streets in northeast Seminole were barricaded due to high water. Several cars were stalled in the high water around town.
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Seminole County

1 N Sasakwa	26	2125CST			0	0			Flash Flood Flash flooding washed out a bridge on Highway 56 and a car was subsequently washed off the road. One person was rescued.
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Garvin County

Stratford	26	2200CST			0	0			Flash Flood After 3.8 inches of rain fell in Stratford, water as high as waist-deep was reported in parts of town.
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Summary of events of April 26, 1998:

Early morning thunderstorms in western Oklahoma produced hail as large as quarters. By early afternoon, the storms had formed a squall line that moved across central and eastern sections of the state during the afternoon and evening hours. Several reports of severe thunderstorm wind damage were received, including two mobile homes that were unroofed near Lone Grove in Carter County. Widespread 24-hour rainfall totals of 3 to 4 inches caused flash flooding in many areas. Particularly hard-hit were Garvin, Jefferson, Carter, and Seminole Counties.

See preceding individual Storm Data entries for further information and additional reports.

OREGON, Central and East

Umatilla County

Stanfield to Van Sycle	10	1405PST 1430PST			0	0			Hail (1.00) A thunderstorm produced hail up to one inch as it moved through northwestern Umatilla county.
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ORZ013-016

North Central Oregon - Lower Columbia Basin									
	13	0400PST 1000PST			0	0			Heavy Snow Three to seven and a half inches of snow fell across Wasco and Sherman counties.

ORZ019

Northeast Oregon									
	13	1600PST			0	0			Heavy Snow Ten to twelve inches of snow fell in the town of Tollgate.

ORZ016>017

Lower Columbia Basin - Foothills Of The Blue Mountains									
	14	0200PST 0700PST			0	0			Heavy Snow Snow fell across Gilliam, Morrow, and Umatilla counties above 1500 feet. Amounts ranged from 2.5 to 5 inches.

ORZ014

Central Oregon									
	14	1700PST			0	0			Heavy Snow Five to six inches of new snow fell in an area 5-10 miles south of Prineville at an elevation of 3500-4000 feet. Ten inches of snow fell in Ochoco Pass on Highway 26.

ORZ019

Northeast Oregon									
	15	0700PST 1310PST			0	0			Heavy Snow Six inches of snow fell in the town of Tollgate.

Crook County

Prineville	23	0840PST 1100PST			0	0			Lightning A thunderstorm moved through Deschutes, Crook, and Wheeler counties. Lightning caused a power pole to catch fire 3 miles northeast of Prineville. One quarter to one half inch hail covered the ground in eight miles north of Bend. Five eighths inch hail and 30 mph wind were reported in the town of Post. Heavy rain, strong wind, and pea-sized hail were reported in the town of Fossil. The storm moved through the town of Spray with heavy rain and strong wind gusting to 40-50 mph.
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Morrow County

Heppner to Ione	23	1110PST 1120PST			0	0			Heavy Rain Three tenths to one half inch of rain fell in 20 minutes from Heppner to Ione with wind gusts to 40 mph.
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ORZ014-019

Central Oregon - Northeast Oregon									
	23	1200PST			0	0			High Wind (G50) 30 1630PST

Storm Data and Unusual Weather Phenomena

April 1998

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

OREGON, Central and East

Strong wind snapped a 14 inch diameter tree at the LaPine State Airport.

ORZ019	Northeast Oregon								
	23	1545PST 1800PST			0	0			Flood
Willow creek near the town of Imbler went over its banks with minor flooding on lower pastures.									
Umatilla County Hermiston Arpt to Milton Freewater	23	1208PST 1300PST			0	0			Tstm Wind/Hail

A thunderstorms moved through Umatilla county that produced wind gusts to 65 mph and hail up to three quarter inch. Some of the wind gusts were: 49 mph at the Hermiston airport, 55 mph at the Pendleton airport, 65 mph gusts five miles south of Pendleton airport, and 60 mph in Helix. Three eighths inch to three quarter inch hail was reported in Pendleton. Hail and high wind caused damage to orchards in Milton-Freewater. A lightning strike damaged some electronic equipment at the Umatilla Chemical Depot.

OREGON, Northwest

Linn County Sodaville	22	2130PST 2330PST			0	0	200K		Lightning
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Lightning struck an A-frame house on Sodaville-Mountain Home Road in Sodaville and the house burned to the ground.

OREGON, Southeast

Baker County (Bke)Baker Muni Arpt	23	1127PST			0	0			Hail (0.75)
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A severe thunderstorm produced 3/4 inch hail at the Baker County Airport.

Malheur County 15 NE Rome	23	1310MST			0	0			Hail (1.50)
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A severe thunderstorm produced one and a half inch hail at Danner in southeast Oregon. this storm then crossed into Idaho and produced a number of severe weather reports in Idaho as well.

OREGON, Southwest

Josephine County Selma	29	2009PST			0	0			Hail (0.75)
	Josephine County Grants Pass	29	2142PST			0	0		Lightning

A unusually organized strong to severe thunderstorm developed in the Siskiyou Mountains along the Jackson and Josephine county border and moved north along the county line before propagating to the right into eastern Douglas County where it gradually weakened. The organized cell showing weak supercell characteristics produced a fantastic lightning display with spotters reporting continuous lightning with one report of ball lightning. 44000 residents were without power between Rogue River Oregon to Crescent City California from 2032 pm to 2200 pm. The storm developed in an area of strong upper level diffluence in advance of an approaching shortwave trough.

PACIFIC

Guam Agat	01	0000HST			0	0	35K		Wild/Forest Fire
	30	2359HST							

GUZ001>003-006	Belau - Micronesia - Marshall Islands - Guam								
	01	0000HST			0	0			Drought
	30	2359HST							

Drought continues across the Western Pacific. While all areas had rainfall significantly below average Yap and Majuro were hardest hit. Yap only had 0.21 of an inch, with the average being 5.98 inches. Majuro had only 0.64 of an inch with their average being 11.91 inches. On Guam, the dry conditions were again favourable for uncontrolled fires across the island. During the month an estimated 1,115 acres were burnt.

PENNSYLVANIA, Central

Adams County Table Rock	01	1230EST	1.5	100	0	0			Tornado (F1)
		1235EST							

Storm Data and Unusual Weather Phenomena

April 1998

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

PENNSYLVANIA, Central

A small tornado touched down just south of Table Rock north of Route 394, about 5 miles northeast of Gettysburg, around 12:30 pm EST on 4/1/98. The storm moved northeast for 1-1/2 miles, destroying a barn and taking down trees along a 100 yard wide path. A small chicken coop was blown away just north of Route 394 at the beginning of the damage. From there, the storm crossed open fields for 1/2 mile, picked up a horse watering trough and a bench, then blew over a fence. The tornado continued northeast, taking the roof off a barn, blowing in the barn doors on the south side of a barn, and blowing out the north side walls. A small cedar tree had been snapped off at the base and rolled north up a fence line, then hurled northeast about 30 feet. A farmhouse just northwest of the barn was undamaged. A number of trees were damaged as the tornado continued northeast to about 1-1/2 miles northeast of Table Rock. A woman at a home used as a daycare center told of hearing the warning alert on the radio and hurrying the children to the basement shortly before the storm struck.

**Montour County
Ottawa**

01	1240EST	2	1200	0	0	Tornado (F0)
	1245EST					

A small tornado touched down just north of the intersection of Route 44 and Route 54, about 3 miles east of Turbotville in Anthony Township. Damage extended east along a 2 mile path, just north of Route 44. Several farms sustained damage to barns and farm equipment. Three small barns were destroyed. A house was unroofed and a barn lost part of its roof. Siding and sheet metal roofing came to rest in the tops of trees.

**Lebanon County
Lickdale**

01	1330EST			0	0	Thunderstorm Wind (G51)
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Thunderstorm winds uprooted trees and collapsed a shed.

**Dauphin County
Middletown**

08	1425EST			0	0	Thunderstorm Wind (G51)
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Winds gusted to 50 knots at Harrisburg International Airport.

**York County
Manchester**

08	1435EST			0	0	Thunderstorm Wind (G51)
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Thunderstorm winds blew down tree limbs in West Manchester.

**Adams County
Biglerville**

08	1438EST			0	0	Hail (0.75)
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Winds gusted to 60 mph and dime sized hail fell in Biglerville.

**Somerset County
Somerset**

08	1705EST			0	0	Thunderstorm Wind (G51)
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Winds gusted to 60 mph in Somerset.

**Cambria County
Johnstown**

08	1707EST			0	0	Thunderstorm Wind (G51)
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Wires were blown down in Richland Township near Johnstown.

**Cambria County
Nanty Glo**

08	1726EST			0	0	Thunderstorm Wind (G51)
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Trees were blown down in Nanty Glo and Ebensburg. A Wendy's sign was also blown over in Ebensburg.

**Blair County
Altoona**

08	1750EST			0	0	Thunderstorm Wind (G51)
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Winds took down large limbs, blocking roads in downtown Altoona.

**Centre County
Philipsburg**

08	1810EST			0	0	Thunderstorm Wind (G51)
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Winds blew apart a small horse barn just east of Philipsburg.

**Cameron County
Emporium**

08	1815EST			0	0	Hail (0.75)
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**York County
Glen Rock**

17	1510EST			0	0	Hail (1.00)
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**York County
Shrewsbury**

17	1515EST			0	0	Hail (1.00)
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Quarter sized hail fell in Shrewsbury and trees and limbs were downed in Glen Rock.

**Lancaster County
Wakefield**

17	1550EST			0	0	Thunderstorm Wind (G51)
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Powerlines and poles were blown over in Wakefield. Funnel clouds were reported in Wakefield and Quarryville.

PAZ024

	Cambria					
19	1655EST			0	0	High Wind (G51)

PAZ024

	Cambria					
19	1700EST			0	0	High Wind (G51)

High winds blew down a tree on Barron Avenue in Johnstown and also in Geistown.

Storm Data and Unusual Weather Phenomena

April 1998

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

PENNSYLVANIA, Central

Bedford County Countywide	19	1800EST 2200EST			0	0			Flash Flood
Blair County Countywide	19	1800EST 2100EST			0	0			Flash Flood
Huntingdon County Countywide	19 20	1800EST 1000EST			0	0			Flash Flood
Franklin County Countywide	19	1900EST 2200EST			0	0			Flash Flood
Juniata County Countywide	19	1900EST 2200EST			0	0			Flash Flood
Union County Countywide	19	1900EST 2230EST			0	0			Flash Flood

A steady soaking rain fell across the region with 24 hour amounts in excess of 2 inches. Storm drains clogged, some roads were closed, small streams topped their banks, and a number of basements were flooded.

Snyder County Countywide	19	1900EST 2230EST			0	0			Flash Flood
Blair County Countywide	26	1730EST 2100EST			0	0			Flash Flood
Cambria County Countywide	26	1730EST 2100EST			0	0			Flash Flood
Clearfield County Countywide	26	1730EST 2100EST			0	0			Flash Flood
Centre County Countywide	26	1800EST 2100EST			0	0			Flash Flood
Huntingdon County Countywide	26	1800EST 2100EST			0	0			Flash Flood

From 2 to nearly 3 inches of rain fell across the central mountains, causing small stream and road flooding.

PENNSYLVANIA, East

Lehigh County Seipstown	01	1415EST			0	0	0		Thunderstorm Wind
A severe thunderstorm tore the roof from a garage of a house on Seipstown Road in Weisenberg Township. The thunderstorm also knocked over a support of the house's patio and uprooted seven trees in the neighboring property.									
Berks County Morgantown	01	1430EST			0	0	0		Thunderstorm Wind
A severe thunderstorm caused wind damage in Caernarvon Township mainly in and around the Morgantown Airport. The winds snapped the ropes tied to the wings of a Cessna plane and moved it eight feet. The thunderstorm winds also ripped the aluminum trim from the roof of a building at the sewage treatment plant, tossed three 150 pound railroad ties, shattered the windows of one car and overturned a large doghouse. No injuries were reported.									
Chester County 1 NE Cedarville	01	1437EST	0.5	100	0	1	25K	0	Tornado (F1)
A weak tornado (F1 on the Fujita Scale) briefly touched down in North Coventry Township near the Coventry Mall and Pennsylvania State Route 724. It remained on the ground for about half a mile and its path width was about 100 yards. One construction worker suffered minor injuries when some debris was thrown into his face as he was diving under a guardrail. No other injuries were reported. Property damage including damage to the Coventry Mall was estimated at \$25,000. About eight homes, mainly on the south side of Pearl Place suffered minor damage.									

After the tornado touched down near the mall, it moved northeast and crossed Pennsylvania State Route 100. The tornado moved

Storm Data and Unusual Weather Phenomena

April 1998

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

PENNSYLVANIA, East

between Pearl Place to its north and Pennsylvania State Route 724 to its south and lifted just before it reached Kline Avenue. The tornado passed just to the north of the North Coventry Elementary School.

At the mall, the tornado pulled open several doors and took two clothing racks from a J.C. Penney Store. It knocked down several poles, damaged a 10 foot by 25 foot privacy wall, blew a large trash container through a concrete retaining wall and uprooted eight trees. The tornado also damaged the roof of a Pizza Hut Restaurant, snapped two steel power line towers and cracked seven other utility poles on Pennsylvania State Route 724. As the tornado crossed Pennsylvania State Route 100, it hurled construction debris and street signs and injured one worker. An exit sign was found half a mile away. It then cut a path behind the homes on the south side of Pearl Place. About 40 trees were damaged in the area. One home had numerous shingles pulled from it, another had a tree leaning on it and a third had a shed destroyed. About five other homes also suffered minor damage. Pennsylvania State Routes 724 and 100 remained closed due to debris clean-up through 11 p.m. EST that evening.

Chester County Countywide

01	1520EST	0	0	0	Flood
02	1330EST				

A series of thunderstorms with heavy rain moved across Chester County the afternoon and evening of the 1st and caused flooding of streams and creeks as well as considerable urban and poor drainage flooding. Small stream flooding began in Coatesville around 330 p.m. EST after 1.74 inches of rain fell within one hour. Numerous vehicles became trapped in underpasses. Successive showers and thunderstorms produced a widespread swath of heavy rain across the county with the largest storm totals in a band along the central third of the county from Atglen to Downingtown to Phoenixville. The runoff from the heavy rain also caused flooding along the larger creeks within the county.

The East Branch of the Brandywine Creek near Downingtown reached its flood stage of 7 feet at 9 p.m. EST on the 1st. It crested at 9.0 feet at 11 p.m. EST and was back within bankfull at 130 p.m. EST on the 2nd. Farther downstream the Brandywine Creek at Chadds Ford briefly exceeded its 9 foot flood stage from 6 a.m. EST to 1030 a.m. EST on the 2nd. It crested at 9.2 feet at 730 a.m. EST. The Valley Creek near Valley Forge was above its estimated flood stage of 7 feet the evening of the 1st from 7 p.m. EST through 10 p.m. EST. It crested at 7.5 feet at 8 p.m. EST.

Storm totals included 2.91 inches in Glenmoore, 2.37 inches in Valley Forge, 2.08 inches in Phoenixville and 1.83 inches in Honey Brook. Aside from a larger number than normal auto accidents, no other serious property or personal damage was reported.

Berks County St Lawrence

01	1700EST	0	0	0	Lightning
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Lightning struck a tree in Saint Lawrence and took down power lines. About 15 homes lost power for about four hours.

Montgomery County Countywide

01	1730EST	0	0	0	Flood
02	0600EST				

A series of thunderstorms with heavy rain moved across Montgomery County the second half of the afternoon and the evening of the 1st. They caused flooding of streams and creeks as well as considerable urban and poor drainage flooding especially in the lower half of the county. Small stream flooding began in Montgomery and Whitpain Townships as the Park and Prophecy Creeks overflowed their banks and forced road closures. Poor drainage and small stream flooding also forced the closure of three roadways in Upper and Lower Gwynedd Township including a 5 mile stretch of U.S. Route 202 at 6 p.m. EST. The DeKalb Avenue Bridge in Norristown was also closed because of flooding during the evening commute. Farther north runoff from the heavy rain caused the Perkiomen Creek at Schwenksville to overflow its banks (Flood stage estimated at 7 feet.) between 230 a.m. EST and 6 a.m. EST on the 2nd. It crested at 7.4 feet at 130 a.m. EST.

Storm totals included 2.37 inches in Valley Forge, 1.95 inches in Norristown and 1.93 inches at the Willow Grove N.A.S. No serious injuries or property damage were reported.

Montgomery County Worcester

01	1815EST	0	0	2K	0	Lightning
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Lightning struck and caused damage to two homes in Worcester Townships on Morris Road and Overhill Drive.

Bucks County Doylestown

01	2135EST	0	0	0	Thunderstorm Wind
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A severe thunderstorm pulled down wires in and around Doylestown and also produced numerous reports of pea to marble size hail in central Montgomery County and central and northern Bucks County. PECO Energy reported 33,000 customers lost power due to the lightning and high winds throughout their service area in Southeast Pennsylvania on the 1st. As of 11 p.m. EST, the greatest number of remaining outages (3,700) were in Bucks County.

Montgomery County Montgomeryville

01	2155EST	0	0	5K	0	Lightning
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Lightning struck a house on Sparks Circle in Montgomery Township and the ensuing fire caused damage to its attic and roof.

Storm Data and Unusual Weather Phenomena

April 1998

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

PENNSYLVANIA, East

Bucks County Langhorne

02	0015EST 0700EST				0	0			0	Flood
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A series of thunderstorms with heavy rain moved across the southern half of Bucks County during the evening of the 1st and caused considerable urban and poor drainage flooding. The runoff from the heavy rain caused flooding along the Neshaminy Creek during the early morning of the 2nd. The Neshaminy Creek at Langhorne reached its 9 foot flood stage at 1215 a.m. EST on the 9th, crested at 9.8 feet at 4 a.m. EST and was back within bankfull at 7 a.m. EST. Storm totals included 2.93 inches in Doylestown, 2.38 inches in Sellersville, 2.00 inches in Southampton, 1.85 in New Hope, 1.83 inches in Fricks, and 1.40 inches in Neshaminy Falls. No serious injuries or property damage were reported.

PAZ071

Philadelphia										
02	0230EST 0500EST				0	0			0	Flood

Heavy rain falling over the headwaters of the Wissahickon Creek in Montgomery County caused some minor flooding of the creek within Philadelphia during the early morning of the 2nd. The Wissahickon Creek near Ridge Street was above its estimated 5 foot flood stage from 230 a.m. EST until 5 a.m. EST on the 2nd. It crested at 5.4 feet. Storm totals in lower Montgomery County averaged between 1.5 and 2.0 inches and less than an inch within Philadelphia.

PAZ070

Delaware										
02	0600EST 1030EST				0	0			0	Flood

A series of thunderstorms with heavy rain that moved across the headwaters of the Brandywine Creek in Chester County on the 1st produced flooding along the main stem of the Brandywine Creek on the 2nd. The Brandywine Creek at Chadds Ford exceeded its 9 foot flood stage from 6 a.m. EST to 1030 a.m. EST on the 2nd. It crested at 9.2 feet at 730 a.m. EST. While storm totals within Delaware County averaged only around half an inch, storm totals averaged between two and three inches in Chester County. No serious injuries or property damage were reported.

Berks County Countywide

09	0500EST				0	0			0	Heavy Rain
10	0400EST									

Lehigh County Countywide

09	0600EST				0	0			0	Heavy Rain
10	0500EST									

Chester County Countywide

09	0700EST				0	0			0	Heavy Rain
10	0600EST									

Northampton County Countywide

09	0700EST				0	0			0	Heavy Rain
10	0600EST									

Bucks County Countywide

09	0800EST				0	0			0	Heavy Rain
10	0700EST									

Delaware County Countywide

09	0800EST				0	0			0	Heavy Rain
10	0700EST									

Montgomery County Countywide

09	0800EST				0	0			0	Heavy Rain
10	0700EST									

Philadelphia County Countywide

09	0800EST				0	0			0	Heavy Rain
10	0700EST									

Chester County Valley Forge

09	1845EST 1915EST				0	0			0	Flood
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Montgomery County Schwenksville

09	2200EST				0	0			0	Flood
10	0700EST									

A low pressure system moved into the central Ohio River Valley the morning of the 9th. Its associated warm front extended east into the Delmarva Peninsula. A second low pressure system developed along this boundary on the Delmarva Peninsula the evening of the 9th and moved rapidly offshore the morning of the 10th. Rain overspread Southeast Pennsylvania the morning of the 9th, but fell at its heaviest during the afternoon and evening of the 9th. Light rain lingered into the morning of the 10th. Storm totals averaged between 1.5 and 2.0 inches with some locally higher amounts especially in Montgomery County. The heavy rain caused flooding along some of the streams in Montgomery and Chester Counties as well as the usual urban and poor drainage flooding.

Storm Data and Unusual Weather Phenomena

April 1998

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

PENNSYLVANIA, East

In Chester County, the Valley Creek near Valley Forge briefly crested above its estimated 7 foot flood stage around 8 p.m. EDT. In Montgomery County, the Perkiomen Creek in Schwenksville reached its estimated flood stage of 7 feet at 11 p.m. EDT. It crested at 7.4 feet at 2 a.m. EDT and was back within bankfull at 4 a.m. EDT. The Manatawny Creek flooded in two locations. At Spangsville (in Berks County), it crested and remained at its estimated flood stage of 6 feet from 2 a.m. through 4 a.m. EDT on the 10th. At Pottstown (in Montgomery County), the Manatawny Creek reached its estimated flood stage of 4.5 feet at 2 a.m. EDT on the 10th, crested at 4.9 feet at 5 a.m. EDT and was back within bankfull at 8 a.m. EDT on the 10th.

Storm totals included 2.75 inches in Green Lane (Montgomery County), 2.67 inches at the Easton Bridge (Northampton County), 2.19 inches in Fricks (Bucks County), 2.07 inches at the Lehigh Valley International Airport, 2.01 inches in Perkasio (Bucks County), 1.98 inches in Doylestown (Bucks County) and the Blue Marsh Dam (Berks County), 1.90 inches in Hamburg (Berks County) and Neshaminy Falls (Bucks County), 1.89 inches in Valley Forge (Montgomery County), 1.77 inches in Palm (Montgomery County), 1.72 inches in Reading (Berks County), 1.71 inches at the Northeast Philadelphia Airport, 1.65 inches in Glenmoore (Chester County), 1.64 inches in Norristown (Montgomery County), 1.61 inches in Exton (Chester County), 1.52 inches in Crum Creek (Delaware County), 1.50 inches at the Franklin Institute within Philadelphia and 1.02 inches at the Philadelphia International Airport.

PAZ055

Monroe

09	1700EST	0	0	0	Heavy Snow
10	0500EST				

PAZ054

Carbon

09	1800EST	0	0	0	Snow
10	0400EST				

A low pressure system moved into the central Ohio River Valley the morning of the 9th. Its associated warm front extended east into the Delmarva Peninsula. A second low pressure system developed along this boundary on the Delmarva Peninsula the evening of the 9th and moved rapidly offshore the morning of the 10th. As this secondary low developed, it pulled down colder air from New York State and Canada and the rain began to change to snow over the higher terrain of the Poconos during the early evening of the 9th. This became an elevation snow event with heavy snow falling over the highest terrain of Monroe County and little if any snow in the valleys of both Carbon and Monroe County. While East Stroudsburg reported no measurable snow and a storm precipitation total of 1.55 inches, 9.7 inches of heavy wet snow had accumulated at Blakeslee at an elevation of 2200 feet by the time the snow ended the morning of the 10th. Other accumulations included 4 inches in Long Pond and 2 inches in Tobyhanna. Around two inches of snow also accumulated over the higher terrain in Lehigh and Northampton Counties after 10 p.m. EDT on the 9th.

Berks County Wyomissing

17	1519EST	0	0	0	Thunderstorm Wind
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A severe thunderstorm knocked over a couple of trees and wires in and around Wyomissing.

PAZ067

Chester

17	1655EST	0	0	0	Heavy Rain/Wind
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A burst of heavy rain and strong winds associated with a thunderstorm contributed to a three dozen vehicle accident on the U.S. Route 30 By-Pass near Downingtown at 555 p.m. EDT. The chain reaction accidents occurred in both the eastbound and westbound lanes of the by-pass. Twenty-seven people were treated for injuries.

PENNSYLVANIA, Northeast

Luzerne County Avoca

01	1415EST	0	0	10K	Lightning
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Scattered thunderstorms developed along a squall line which accompanied a cold frontal passage across northeastern Pennsylvania early in the afternoon on the 1st.

Nearly continuous cloud to ground lightning was reported with the stronger cells. A commuter plane on final approach to the Wilkes-Barre Scranton International Airport was struck by lightning. The plane was able to maneuver a successful landing. However, substantial damage was incurred to some of the outer tiles near the cargo holder area.

Lackawanna County Scranton to 5 NE Clarks Summit

01	1430EST 1440EST	0	0	40K	Thunderstorm Wind
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Storm Data and Unusual Weather Phenomena

April 1998

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

PENNSYLVANIA, Northeast

A strong cold front moved through northeastern Pennsylvania early in the afternoon on the 1st. A band of heavy rain and isolated thunderstorms developed along the front. One thunderstorm cell became severe as it ripped through central and northern sections of the county.

Several large trees were uprooted in the city of Scranton. Minor home damage was reported in this area as falling tree branches smashed windows, tore off shingles, and removed gutters. A couple of vehicles also sustained minor damage from the falling debris. As the storm moved northeast towards Scott and Greenfield townships, it continued to produce damaging winds. A small barn in Greenfield was flattened by the gusty winds while an adjacent house suffered major damage to the porch area as a large tree was toppled.

PENNSYLVANIA, Northwest

Crawford County

Meadville	09	1130EST 1430EST		0	0				Flood
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A few roads were flooded north of town.

PENNSYLVANIA, West

Beaver County

Midland	08	1545EST		0	0				Hail (0.75)
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Allegheny County

2 S Wexford	08	1555EST		0	0	1K			Thunderstorm Wind
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Several large trees were blown down across a road.

Allegheny County

Pittsburgh Intl Arpt	08	1600EST		0	0				Thunderstorm Wind (G53)
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Beaver County

Harshaville	08	1600EST		0	0	1K			Thunderstorm Wind
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Thunderstorm winds blew several large trees down.

Washington County

Midway	08	1600EST		0	0	2K			Thunderstorm Wind
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Thunderstorm winds blew trees down onto power lines.

Allegheny County

1 NW Ingomar	08	1602EST		0	0				Hail (0.75)
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Allegheny County

Glenshaw	08	1623EST		0	0	2K			Thunderstorm Wind
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Thunderstorm winds blew down three trees.

Allegheny County

Monroeville	08	1630EST		0	0	1K			Thunderstorm Wind
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Thunderstorm winds blew down a tree.

Armstrong County

Leechburg to Apollo	08	1635EST 1656EST		0	0	15K			Thunderstorm Wind
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Numerous trees blown down by thunderstorm winds in Leechburg and Apollo. One tree fell onto a home in Apollo.

Washington County

Cherry Vly	08	1640EST		0	0	1K			Thunderstorm Wind
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Thunderstorm winds blew a large tree down.

Westmoreland County

2 S Delmont	08	1640EST		0	0				Thunderstorm Wind (G50)
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Large tree limbs blown down onto Rte 993 between Delmont and Greensburg.

Indiana County

Indiana	08	1652EST		0	0				Thunderstorm Wind (G53)
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Indiana County

Shelocta	08	1704EST		0	0				Thunderstorm Wind (G53)
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Indiana County

Armagh	08	1705EST		0	0				Thunderstorm Wind (G53)
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Westmoreland County

Greensburg	08	1715EST		0	0	1K			Thunderstorm Wind
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Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>PENNSYLVANIA, West</u>									
Thunderstorm winds downed powerlines in Greensburg.									
Beaver County									
Unionville	09	1330EST	0.2	50	0	0	10K		Tornado (F1)
An F1 tornado with maximum winds estimated at around 90 MPH briefly touched down and knocked out a 55 foot wide by 30 foot high hole in the southeast corner of a cinder block warehouse. Several witnesses reported seeing the tornado lift back into the cloud just after it knocked out the wall. Cinder blocks were blown out roughly 25 to 30 feet to the east from the building. The cell continued moving to the southeast with no other damage reported.									
Westmoreland County									
New Stanton	10	0245EST 0800EST			0	0			Flash Flood
Heavy rains caused flooding of up to 1.5 feet on Fry Hollow Road in Hempfield Township.									
Westmoreland County									
1 S Latrobe to Latrobe	10	0530EST 0800EST			0	0			Flash Flood
Loyalhanna Creek flooded onto Rte 982 just south of Latrobe.									
Mercer County									
Countywide	16	1020EST 1300EST			0	0	5K		Flash Flood
Heavy rains forced Yankee Run Creek near Brookfield and Bobby Run Creek near Hermitage out of their banks. Lowland and basement flooding reported near Greenville.									
Allegheny County									
Tarentum	26	1900EST 2030EST			0	0			Flash Flood
Heavy rains caused localized minor flooding with water covering Baileys Run Road in Tarentum.									
<u>PUERTO RICO</u>									
Ponce									
Northeast Portion	07	1300AST 1800AST			0	0	50K		Flash Flood
Heavy rains produced landslides and flash flooding in parts of Villalba, Juana Diaz and Santa Isabel. A river in Juana Diaz and a river in Santa Isabel went out of their banks flooding adjacent areas. Several roads were impassable due to flooding.									
Arecibo									
Northeast Portion	16	0600AST 1800AST			0	0	50K		Flash Flood
Humacao									
North Portion	16	0600AST 1800AST			0	0			Flash Flood
San Juan									
North Portion	16	0600AST 1800AST			0	0	50K		Flash Flood
A nearly stationary cold front produced widespread precipitation across the north and east sections of Puerto Rico during most of the day. The municipalities most affected were Vega Alta and Manati where several roads and houses were flooded. A landslide was reported in Naranjito.									
Mayaguez									
Sabana Grande	17	1300AST 1430AST			0	0			Urban/Sml Stream Fld
Urban flooding was reported in San Isidro neighbourhood in Sabana Grande.									
San Juan									
Toa Baja	18	1530AST 1605AST			0	0			Waterspout
A citizen sighted a waterspout just off the coast of Toa Baja in northern Puerto Rico.									
Humacao									
Rio Grande	19	1500AST 1800AST			0	0			Urban/Sml Stream Fld
Civil Defense reported urban flooding in the municipality of Rio Grande due to heavy rains.									
Humacao									
Yabucoa	20	1745AST 1815AST			0	0			Waterspout
A news media reporter sighted two funnel clouds near Lucia beach in Yabucoa.									

Storm Data and Unusual Weather Phenomena

April 1998

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

RHODE ISLAND

RIZ005>007

Bristol - Washington - Newport

01	1500EST		0	0		Heavy Rain
02	0300EST					

Heavy rain occurred across the southern portion of Rhode Island. Ashaway reported 2.50 inches, while Tiverton had 2.35 inches. Most of the rain occurred during a 12-hour period from 3:00 PM on April 1st to 3:00 AM on April 2nd.

RIZ002>007

Southeast Providence - Western Kent - Eastern Kent - Bristol - Washington - Newport

09	2200EST		0	0		Strong Winds
10	0800EST					

A strong and intensifying low pressure system moved northeast, passing to the south and southeast of Cape Cod. It brought strong northeast winds to coastal Rhode Island and inland as far north as the Providence area. There were several reports of peak wind gusts to 40 mph or more, including: Block Island, 51 mph; Newport, 47 mph; and Providence, T.F. Green Airport, 44 mph. There were no reports of damage. Rainfall totals of around 1 inch were reported with this storm.

SOUTH CAROLINA, Central

Mccormick County

2 N Mc Cormick

03	2115EST		0	0	0.10K	0	Thunderstorm Wind (G70)
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A downburst took down a couple of trees around a home at the intersection of hwy 10 and secondary 51.

Saluda County

6 SSW Saluda

03	2150EST		0	0		0	Hail (1.75)
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Sheriff reported golf ball size hail.

Saluda County

5 S Saluda

03	2155EST		0	0		0	Thunderstorm Wind (G60)
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Sheriff reported several trees down off highways south of Saluda.

Lexington County

2.5 E Lexington

03	2210EST		0	0		0	Hail (0.75)
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SKYWARN spotter reports dime size hail at I-20 and US 1.

Lexington County

Cayce

03	2230EST		0	0		0	Hail (1.00)
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Spotter reports 1inch hail in Cayce.

Lexington County

Congaree

03	2230EST		0	0		0	Hail (1.25)
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SKYWARN spotter reports 1.25 inch hail in South Congaree.

Lexington County

Gilbert

03	2235EST		0	0		0	Hail (0.75)
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Spotter reports dime size hail.

Lexington County

Gilbert

03	2235EST 2240EST		0	0		0	Thunderstorm Wind (G50)
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Minor wind damage to Town Hall. Permanent sign and awning destroyed.

Richland County

Columbia

03	2235EST		0	0		0	Hail (0.75)
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Police report 3/4 inch hail.

Richland County

5 NE Columbia

03	2240EST		0	0		0	Hail (0.88)
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Weather Service Employee reports nickel size hail.

Sumter County

10 W Sumter

03	2310EST		0	0		0	Thunderstorm Wind (G50)
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WIS TV reports trees down along highway 378 in western Sumter county.

Aiken County

Beech Is to
Clearwater

03	2315EST 2325EST		0	0		0	Hail (0.88)
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SKYWARN spotter reports nickel size hail.

Aiken County

4.5 W New Ellenton

03	2320EST		0	0		0	Hail (0.88)
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SKYWARN spotter reports nickel size hail at hwys 302 and 278.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
SOUTH CAROLINA, Central									
Barnwell County									
Williston to	03	2355EST			0	0			Hail (1.00)
Blackville	04	0010EST							
		Sheriff reports one inch hail.							
Bamberg County									
Denmark	04	0005EST			0	0	0	0	Hail (0.75)
		Sheriff reports dime size hail.							
Mccormick County									
Clarks Hill	08	1440EST			0	0			Hail (0.75)
		Spotter reports dime size hail.							
Edgefield County									
Edgefield	08	1500EST			0	0	0	0	Hail (0.75)
		County EFP reports dime size hail.							
Saluda County									
7 S Saluda	08	1510EST			0	0	0	0	Hail (0.75)
		SKYWARN reports dime size hail.							
Saluda County									
10 E Saluda	08	2040EST			0	0	0	0	Hail (0.75)
		SKYWARN reports dime size hail.							
Lexington County									
2 SSE Chapin	08	2100EST			0	0	0	0	Hail (0.75)
		Public at Dutchman Shores reports dime size hail.							
Richland County									
3 N Columbia	08	2110EST			0	0	0	0	Hail (0.75)
		Highway Patrol reports 3/4 inch hail just east of I-26 on I-20.							
Edgefield County									
Colliers	08	2123EST			0	0	0	0	Hail (0.75)
		Sheriff reports 3/4 inch hail.							
Calhoun County									
13 NW St Matthews	08	2245EST			0	0	0	0	Hail (0.75)
		Storm survey found public reporting penny size hail along highway 178.							
Aiken County									
Belvedere	08	2259EST			0	0	0	0	Hail (0.75)
		SKYWARN reports 3/4 inch hail.							
Aiken County									
Aiken	08	2310EST			0	0			Hail (1.50)
		TV 12 weather reports 1.5 inch hail near Aiken.							
Lexington County									
Gilbert	08	2342EST			0	0	0	0	Hail (0.75)
		Spotter reports dime size hail.							
Richland County									
Cedar Creek	17	0550EST			0	0	0	0	Hail (0.75)
		COOP observer reported dime size hail.							
Aiken County									
North Augusta	22	1358EST			0	0	0	0	Hail (0.75)
		TV 12 spotters report 3/4 inch hail in North Augusta.							
Aiken County									
Clearwater to Aiken	22	1405EST 1415EST			0	0	0		Hail (0.75)
		SKYWARN spotters report 3/4 inch hail.							
Aiken County									
7 S Aiken	22	1425EST			0	0			Hail (0.88)
		SKYWARN spotter reported nickel size hail at highways 302 and 278.							
Aiken County									
2 E Aiken	22	1430EST			0	0			Hail (0.88)
		SKYWARN spotter reported nickel size hail at highways 302 and 78.							
Saluda County									
5 W Saluda	22	1445EST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 1998

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

SOUTH CAROLINA, Central

Spotter reported nickel size hail on highway 178 west of Saluda.

Lexington County Batesburg	22	1453EST			0	0	0		Hail (0.75)
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Spotter reported dime size hail.

Lexington County West Columbia	22	1600EST			0	0			Hail (1.75)
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TV 10 spotter reported golf ball size hail at the Lexington Medical Center near I26 and hwy 378.

Lexington County West Columbia	22	1606EST			0	0			Hail (0.75)
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SKYWARN spotter reported 3/4 inch hail at Oak Dr. and U.S.1.

Lexington County West Columbia	22	1625EST			0	0			Hail (0.75)
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SKYWARN spotter reported 3/4 inch hail on U.S.1.

Chesterfield County Patrick	22	1758EST 1813EST			0	0	0		Hail (0.75)
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Post Office reported 3/4 inch hail.

SOUTH CAROLINA, North Coastal

Florence County Lake City to Scranton	04	0013EST 0020EST			0	0			Hail (0.75)
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Hail covered the ground between Lake city and Scranton...reported by Florence County SO

Georgetown County Pleasant Hill	09	0610EST 0615EST			0	0			Thunderstorm Wind (G60)
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Several trees down and a tin roof blown off barn...reported by Georgetown Co. EOC

Marlboro County Bennettsville	22	1630EST 1633EST			0	0			Hail (0.75)
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Reported by 911 dispatcher

SOUTH CAROLINA, Northwest

Pickens County Dacusville	03	1950EST			0	0			Hail (1.00)
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Greenville County Tigerville to 1 NW Greer	03	1957EST 2005EST			0	0			Hail (1.00)
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Spartanburg County Inman	03	2020EST			0	0			Hail (1.00)
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Spartanburg County Mountain View	03	2025EST			0	0			Hail (1.00)
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Anderson County 2 N Anderson	03	2037EST			0	0			Hail (0.75)
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Cherokee County Blacksburg	03	2044EST			0	0			Hail (1.00)
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Anderson County Williamston	03	2045EST			0	0			Hail (1.75)
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Anderson County Belton	03	2050EST			0	0			Hail (1.00)
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Greenville County Wares Xrds	03	2050EST			0	0			Hail (1.00)
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Greenville County Fountain Inn	03	2100EST			0	0			Hail (0.75)
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Laurens County Laurens	03	2101EST			0	0			Hail (0.75)
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Laurens County Clinton	03	2115EST			0	0			Hail (1.00)
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Storm Data and Unusual Weather Phenomena

April 1998

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

SOUTH CAROLINA, Northwest

York County Clover	03	2118EST			0	0			Hail (0.75)
Greenwood County Greenwood	03	2130EST			0	0			Hail (0.75)
Greenwood County 17 SE Greenwood	03	2130EST			0	0			Hail (0.75)
Greenwood County 17 SE Greenwood	03	2130EST			0	0			Thunderstorm Wind (G50)
Union County Union	03	2130EST			0	0	20K		Lightning
York County Hickory Grove	03	2150EST			0	0	1K		Hail (1.75)
<p>A strong surface low was moving northeast through the Tennessee Valley on the 3rd. Rain and thunderstorms developed ahead of the low pressure area. Enough instability was in place above a cool stable layer of air over the Upstate to generate several severe thunderstorms that produced mainly large hail between dime and quarter size. Although there were two reports of golf ball size hail; one in eastern Anderson county and the other in Hickory Grove, York county where it broke windows in a house and damaged vehicles. It hailed so hard for 10 minutes between Tigerville and Lake Cunningham in Northern Greenville county that the hail remained on the ground until the following morning. The only report of wind damage was that of a large tree down in the far southeastern part of Greenwood county. Lightning struck two homes in Union causing structural damage but no fires.</p>									
Abbeville County 1 NW Calhoun Falls	08	1942EST			0	0			Hail (0.75)
Abbeville County Lowndesville	08	1942EST			0	0			Hail (0.75)
Greenwood County South Portion	08	2000EST 2300EST			0	0			Flood
Greenwood County 7 NE Greenwood	08	2005EST			0	0			Hail (0.75)
<p>Showers and thunderstorms developed during the evening and produced dime size hail across the far southern portion of the Upstate. Flooding developed in the southern portion of Greenwood county where Wilson Creek rose well out its banks and many ponds overflowed. Some roads were blocked by high water until around midnight.</p>									
Laurens County Clinton	09	0220EST			0	0			Hail (1.00)
Anderson County Anderson	09	0230EST 0600EST			0	0			Urban Flood
Greenville County South Portion	09	0230EST 0900EST			0	0			Flash Flood
Laurens County Countywide	09	0230EST 0600EST			0	0			Flood
Chester County Countywide	09	0300EST 0600EST			0	0			Flood
York County Rock Hill	09	0300EST 0600EST			0	0			Flood
<p>Persistent heavy rain and thunderstorms that continued into the early morning on the 9th resulted in some flash flooding. Several roads flooded in the city of Anderson. Several creeks and rivers came out of their banks in Laurens and Greenville counties. Bridges were covered by water in Laurens county. The Reedy River rose one half foot above flood stage and one vehicle was trapped in high water in Greenville county. Flooded roads and standing water isolated 100 homes in Rock Hill. Water approached several houses in Chester county and 100 acres of woods and 40 acres of hayfields were flooded. One severe thunderstorm produced quarter size hail in Clinton.</p>									
SCZ007-010-012		Spartanburg - Anderson - Laurens			0	0			Gusty Winds
<p>A tight pressure gradient induced by deep low pressure in the Ohio Valley caused westerly winds behind a cold front to gust near 45</p>									

Storm Data and Unusual Weather Phenomena

April 1998

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

SOUTH CAROLINA, Northwest

mph across portions of the Upstate. Several trees were downed, partially due to the wet soil. However, 3000 people were without power in Anderson county and 5 cars were damaged in Laurens and Spartanburg counties.

Oconee County 6 S Westminster	17	0140EST			0	0			Thunderstorm Wind (G50)
Anderson County Pendleton	17	0200EST			0	0	5.5K		Thunderstorm Wind (G50)
Oconee County 4 SSW Tamassee	17	0200EST			0	0			Thunderstorm Wind (G50)
Pickens County Easley	17	0208EST			0	0			Thunderstorm Wind (G50)
Pickens County Dacusville	17	0210EST			0	0			Hail (0.75)
Spartanburg County Pelham	17	0220EST			0	0			Thunderstorm Wind (G50)
Anderson County Belton	17	0230EST 0800EST			0	0			Flash Flood
Spartanburg County 4 E Reidville	17	0240EST			0	0			Thunderstorm Wind (G50)
Spartanburg County 3 S Chesnee	17	0245EST			0	0	50K		Thunderstorm Wind (G50)
Cherokee County 7 WNW Gaffney	17	0255EST			0	0	20K		Thunderstorm Wind (G50)
Anderson County Anderson	17	0330EST 0900EST			0	0	480K		Flash Flood
Greenville County 7 E Simpsonville	17	0400EST 0900EST			0	0			Flash Flood
Laurens County Laurens to Clinton	17	0400EST 0900EST			0	0			Flash Flood
Greenville County Fountain Inn	17	0530EST			0	0			Hail (1.75)

Thunderstorms developed in a warm, moist, unstable airmass ahead of a strong cold front early on the 17th. These storms produced mainly wind damage as 8 to 10 trees fell on houses in Oconee county, a gas station canopy was blown off in Anderson county, and a large tree fell on a house in Easley. Trees were blown down across Highway 14 near Pelham. Near Lake Blalock in Spartanburg county, significant parts of 2 roofs were blown off 2 houses, a dozen trees were downed, and a chimney collapsed. A business' roof was damaged and a mobile home moved off its foundation in Cherokee county.

Fairly significant flash flooding occurred as well. In Belton, water was waist deep and washed out many roads and bridges. Evacuations took place in Anderson when the Whitner and Broadway Creeks rose out of their banks. Small streams flooded a subdivision in southern Greenville county. Several creeks in the Laurens and Clinton areas rose high enough to warrant evacuations and closed some roads and bridges. The Little River in downtown Laurens rose to its highest level since the flood control project of the mid 1970s.

Laurens County 3 W Waterloo to 4 N Waterloo	19	1325EST 1333EST	5	50	0	0	70K		Tornado (F0)
York County 2 W Clover	19	1430EST	0.1	20	0	0	0.50K		Tornado (F0)
York County Rock Hill	19	1508EST	0.1	10	0	0			Tornado (F0)

Lines of low-topped thunderstorms moved rapidly north across the Upstate along a cold front pushing east. A few of these storms became severe and produced weak, short lived tornadoes. The most damaging tornado occurred in southern Laurens county where trees were blown onto structures and vehicles. A tornado just west of Clover took a tin roof off a barn and blew the camper shell off a truck. Two skywarn weather spotters had visual contact with this tornado. A woman observed a brief tornado touchdown in a field behind her house on the south side of Rock Hill.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
<u>SOUTH CAROLINA, Northwest</u>									
Pickens County									
Liberty	23	1515EST			0	0			Hail (0.75)
		A severe thunderstorm produced dime size hail that remained on the ground until the following morning.							
<u>SOUTH CAROLINA, South Coastal</u>									
Charleston County									
Folly Beach	03	1735EST 1738EST			0	0			Hail (0.88)
Jasper County									
2 N Ridgeland to 1 NE Ridgeland	03	1740EST 1745EST	1	30	0	0			Tornado (F0)
		Mobile home damaged, roof damage to another home and numerous trees down.							
Jasper County									
Ridgeland	03	1750EST 1755EST			0	0			Thunderstorm Wind (G55)
		Several trees down.							
Beaufort County									
5 E Beaufort	03	1755EST 1800EST			0	0			Hail (1.00)
Beaufort County									
Beaufort	03	1755EST			0	0			Hail (0.75)
Jasper County									
8 E Switzerland	03	1935EST 1940EST			0	0			Hail (0.75)
Beaufort County									
12 SW Beaufort	03	1945EST 1948EST			0	0			Thunderstorm Wind (G50)
		Several trees down near Gray's Hill and Broad River Bridge.							
Beaufort County									
Yemassee to Beaufort	03	1945EST 1955EST			0	0			Hail (0.75)
		Numerous reports of hail across northern and western sections of county.							
Charleston County									
North Charleston	09	0010EST 0014EST			0	0			Hail (1.00)
Berkeley County									
Wando	09	0020EST 0023EST			0	0			Hail (1.75)
Jasper County									
1.5 W Hardeeville to .5 W Hardeeville	09	0522EST 0527EST	1	150	0	0	50K		Tornado (F1)
		Numerous trees uprooted or snapped off, shingles taken off of nearby roofs, and several other buildings damaged. This F1 tornado was spawned by the same supercell that produced the F3 tornado in Bryan County, Georgia that moved into western Effingham County and lifted with no further touchdown until the Hardeeville area.							
Jasper County									
5 S Ridgeland to 3 ESE Ridgeland	09	0525EST 0530EST			0	0			Funnel Cloud
		Spotter observed a funnel cloud, but no touchdown.							
Jasper County									
5 S Ridgeland	09	0525EST 0530EST			0	0			Hail (1.00)
Beaufort County									
Beaufort	09	0542EST 0545EST			0	0			Hail (0.75)
Beaufort County									
Port Royal	22	1740EST 1745EST			0	0			Hail (0.75)
Beaufort County									
5 ESE Beaufort	22	1745EST 1748EST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 1998

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

SOUTH CAROLINA, South Coastal

Berkeley County									
Goose Creek	22	1810EST 1815EST			0	0			Hail (0.75)

SOUTH DAKOTA, Central and North

SDZ006									
	Brown								
	02	0600CST			0	0			Flood
	30	2359CST							

The James River began to flood in early April from Columbia south to around Stratford. The James rose to around 1.5 feet above flood stage at Columbia and Stratford during the month of April. Flood Stage at Columbia 11 west is 11 feet and it reached 12.6 feet on April 16th. Flood stage at Columbia 1 south is 13 feet and the stage reached 14.4 feet also on April 16th. Flood stage at Stratford is 14 feet with its highest crest occurring in May. The James River mainly flooded farmland, pastureland, and a few roads in the vicinity of the channel.

SDZ007>008-011-019>023	Marshall - Roberts - Day - Clark - Codington - Grant - Hamlin - Deuel								
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	12	0700CST 1600CST			0	0			High Wind (G45)
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A very intense area of low pressure moving along the South Dakota and North Dakota border brought high winds to most of northeast South Dakota from the morning to the afternoon of the 12th. South winds from 30 to over 50 mph damaged numerous farm buildings, tore some shingles off houses, brought large tree branches down along with some trees. In rural South Shore, a door was blown in on a machine shed. With all of the high water around northeast South Dakota, the high winds generated some damaging waves. Water washed over many roads causing a lot of erosion. West of Webster, on Highway 12, the shoreline and rip-rapping work done along Rush Lake suffered heavy damage as high waves washed over the highway and ate away at the shoreline. Also, waves affected travel on Highway 212 5 1/2 miles east of Clark as tree branches were washed onto the road. Some wind gusts were, 52 mph at Sisseton and 51 mph at Watertown.

SDZ007-011-018>019	Marshall - Day - Spink - Clark								
	25	1900CST			0	0			Flood
	26	0300CST							

Heavy rainfall of 1 to 3 inches with some isolated 5 inch amounts occurred across northern Spink, northern Clark, across most of Day and Marshall counties making a bad flood situation only worse. The area hardest hit with heavy rainfall was eastern Day county in the Webster, Grenville and Roslyn areas. Many years of above normal precipitation had already brought area lakes to record levels creating an ongoing disaster, especially for Day County. And meltwater from 6 inches to around a foot of heavy snow at the end of March added to the high water level. This heavy rain put many area residents over the edge with thousands of residents being affected by the high water. Several homes in the southeast corner of Grenville went under water up to their roofs. Many farm homes and outbuildings became isolated by the highwater. There was only one road that allowed access to Grenville after this rainfall. Water was moving closer to homes across much of the area and thousands of acres of crop and pastureland were swallowed up. Many spots on county and township roads were added to the closed list, which was already in the hundreds. U.S. Highway 12 between Webster and Bristol had to be built up in spots to allow traffic to flow. Extensive sandbagging was done on several of the area lakes to save property, especially on Blue Dog, Rush, and Waubay Lake. Day, Marshall, Spink, and Clark counties were all declared a disaster area as a result of the flooding. Some of the heaviest rainfall amounts included, 1.24 inches at Conde, 1.41 inches at Clark, 1.45 inches at Andover, 2.81 inches at Britton, 3.30 inches at Webster, and 5 inches at Grenville.

SOUTH DAKOTA, Southeast

SDZ038>040-053>056-060>062-065>067-069>071	Beadle - Kingsbury - Brookings - Sanborn - Miner - Lake - Moody - Hanson - Mccook - Minnehaha - Hutchinson - Turner - Lincoln - Yankton - Clay - Union								
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	12	0900CST 1600CST			0	0	60K		High Wind (G48)
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South winds sustained at 40 mph for several hours with gusts to 55 mph reported caused areas of tree and power line and pole damage. The winds also extensively damaged the porch of a dairy store in Lennox and blew out a few windows in Sioux Falls.

Union County									
Elk Pt	12	1617CST			0	0			Hail (0.75)

SOUTH DAKOTA, West

NONE REPORTED.

TENNESSEE, Central

Benton County									
8 NE Camden	03	1300CST 1301CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
TENNESSEE, Central									
			SKYWARN Spotter reported dime size hail at Eva.						
Humphreys County									
4.5 N Waverly	03	1319CST 1320CST			0	0			Hail (1.00)
			Local law enforcement reported quarter size hail.						
Lincoln County									
6 SE Fayetteville	03	1323CST 1324CST			0	0			Hail (1.00)
			SKYWARN Spotter reported quarter size hail.						
Lincoln County									
Kelso	03	1325CST 1326CST			0	0			Hail (1.00)
			Spotter reported quarter size hail.						
Stewart County									
Carlisle	03	1343CST 1344CST			0	0			Hail (0.75)
			Spotter reported dime size hail.						
Montgomery County									
1.5 SE Mc Allisters Xrds	03	1358CST 1400CST			0	0			Hail (1.00)
			Spotter reported quarter size hail.						
Montgomery County									
Clarksville	03	1409CST 1412CST			0	0			Hail (1.75)
			Sheriff's office and SKYWARN Spotter reported golf ball size hail.						
Montgomery County									
Clarksville	03	1415CST 1416CST			0	0			Hail (0.75)
			Spotter reported dome size hail.						
Montgomery County									
Hilltop	03	1420CST 1421CST			0	0	100K		Thunderstorm Wind (G80)
			Ham radio operator reported homes damaged and large trees uprooted.						
Robertson County									
Springfield	03	1438CST 1439CST			0	0			Hail (1.75)
			Golf ball size hail reported by sheriff's office.						
Robertson County									
8 W White House	03	1450CST 1451CST			0	0			Hail (1.75)
			SKYWARN Spotter reported golf ball size hail and funnel cloud.						
Sumner County									
2.4 SW Walnut Grove	03	1450CST 1451CST			0	0			Hail (2.75)
			SKYWARN Spotter reported baseball size hail at White House.						
Robertson County									
Greenbrier	03	1500CST 1501CST			0	0			Hail (1.75)
			Golf ball size hail was reported.						
Sumner County									
.5 W Cottontown	03	1501CST 1502CST			0	0			Hail (1.75)
			Spotter reported golf ball size hail.						
Sumner County									
6 N Gallatin	03	1510CST 1511CST			0	0			Hail (1.75)
			Spotter reported golf ball size hail.						

Storm Data and Unusual Weather Phenomena

April 1998

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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
TENNESSEE, Central									
Hickman County Centerville	03	1512CST 1513CST			0	0			Hail (0.75)
			Spotter reported dime size hail.						
Davidson County Nashville	03	1518CST			0	0			Hail (0.75)
			Local EMA official reported dime size hail.						
Warren County Centertown	03	1535CST 1536CST			0	0			Hail (1.75)
			Sheriff's office reported golf ball size hail.						
Davidson County Nashville	03	1537CST			0	0			Hail (0.75)
			Metro police reported dime size hail in south Nashville.						
Lincoln County Boonshill	03	1555CST 1556CST			0	0			Hail (1.00)
			Local law enforcement reported quarter size hail.						
Jackson County Whitleyville	03	1600CST			0	0			Thunderstorm Wind (G50)
			Large barn blown down.						
Macon County Hillsdale	03	1600CST 1900CST			0	0			Flash Flood
			A school bus stalled while crossing a bridge over a swollen creek. The water was above the tires. Rescuers got the children off the bus. The bus was taking children home from school.						
Bedford County Countywide	03	1630CST 1632CST			0	0			Thunderstorm Wind (G50)
			News article stated several trees were blown down on power lines around the county.						
Maury County Countywide	03	1630CST 1655CST			0	0			Hail (0.75)
			Dime size hail reported throughout the county by local law enforcement.						
Maury County Countywide	03	1630CST 1655CST			0	0			Thunderstorm Wind (G50)
			Local law enforcement reported trees down around the county.						
Overton County Livingston	03	1631CST			0	0			Hail (0.75)
			Spotter reported dime size hail.						
Dekalb County Smithville	03	1650CST 1651CST			0	0			Hail (0.75)
			Local law enforcement reported dime size hail.						
Maury County Spring Hill	03	1650CST 1651CST			0	0			Hail (0.75)
			SKYWARN Spotter reported dime size hail at the Saturn auto plant.						
Wayne County East Portion	03	1655CST 1700CST			0	0			Thunderstorm Wind (G80)
			Spotter reported trees down in east portion of county.						
Putnam County Cookeville	03	1658CST			0	0			Hail (0.75)
			Spotter reported dime size hail.						

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
TENNESSEE, Central									
Putnam County South Portion	03	1705CST 1706CST			0	0			Thunderstorm Wind (G50)
									Sheriff's office reported trees blown down.
Lawrence County 3 NW Lawrenceburg	03	1715CST 1720CST			0	0	10K		Thunderstorm Wind
									Some structural damage to a building.
Lawrence County Loretto	03	1715CST			0	0			Thunderstorm Wind (G50)
									Local law enforcement reported barn blown down.
Giles County Pulaski	03	1730CST 1731CST			0	0	5K		Thunderstorm Wind
									2 new air conditioning units were blown off the roof of the Giles County Courthouse.
Maury County West Portion	03	1735CST 1740CST			0	0			Thunderstorm Wind (G50)
									Local law enforcement reported trees down across the western part of the county. Some of these trees were blocking roadways.
Montgomery County Hilltop to 6.4 NE Hilltop	03	1410CST 1420CST	6.4	200	0	0	100K		Tornado (F2)
									67 homes were damaged in the Hilltop area, and about 7 homes received major damage. Most of the damage was to roofs. Trees were blown down.
Robertson County 7.7 SSW Springfield to .9 N Greenbrier	03	1435CST 1445CST	5.6	200	0	3	500K		Tornado (F2)
									30 homes were damaged and 7 trailers were totally destroyed. Most of the damage was on Hwy 431 in Coopertown, Reader School Rd. and also along Hwy 41 near Greenbrier. Many trees and power lines were down. One mobile home was hurled 100 yards across Hwy 431 and totally destroyed. 3 were slightly injured in the mobile home.
Pickett County 8 WNW Byrdstown to 4 NNW Byrdstown	03	1649CST 1657CST	5.5	100	0	0			Tornado (F1)
									Local law enforcement spotted a tornado. A few trees were down.
Sumner County 2.6 E Cottontown to Castalian Spgs	03	1458CST 1515CST	15.8	200	0	0	200K		Tornado (F2)
									The tornado downed trees, power lines and took off roofs to many homes. Areas just south of Cottontown were hardest hit. Homes were also damaged just north of Gallatin on RT 109 and Douglas Lane.
Trousdale County North Portion	03	1520CST 1530CST			0	0	50K		Thunderstorm Wind
									News article states strong winds damaged barns, downed trees and power lines from Templew to Willard. The Friendship Baptist Church had roof damage. There was also damage to a store building at Templew.
Jackson County 1 WNW North Spgs to 5 NE Whitleyville	03	1608CST 1618CST	10	200	0	0	100K		Tornado (F2)
									3 barns were completely destroyed, several houses, a church, and other barns lost roofs.
Wilson County 3.2 NNE Laguardo to 6.6 NE Laguardo	03	1512CST 1525CST	4.6	100	0	0	250K		Tornado (F1)
									The tornado clipped the Cherokee Marina and took out 16 docks, 14 of them completely to pieces. There was damage to 100 boats.
Macon County South Portion	03	1610CST 1624CST			0	0			Hail (1.75)
									Newspaper article showed golf ball size hail that fell near the Trousdale-Macon county border. Light to moderate hail damage was reported to private vehicles in Willette. Also, significant roof damage occurred to the Macon County Junior High on HWY 52 Bypass, south of Lafayette.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, Central									
Macon County Willette	03	1620CST 1624CST			0	0	500K		Thunderstorm Wind
									30 to 50 homes in the Willette-Jennings Creek area had light to moderate damage from strong thunderstorm winds. 2 barns were completely destroyed, and the roof was taken off the Willette Head Start Center. Most of the damages to homes were from broken windows and vinyl siding. There was roof damage to some homes as well.
Davidson County Inglewood	08	0200CST			0	0	5K		Thunderstorm Wind
									Tree fell on a car. A few bricks were out of a chimney.
Davidson County Donelson	08	0215CST 0216CST			0	0			Thunderstorm Wind (G50)
									Local law enforcement reported trees and powerlines down.
Trousdale County Hartsville	08	0230CST 0235CST			0	0			Thunderstorm Wind (G50)
									Public reported trees were blown down along HWY 141 near Hartsville.
Wilson County Northeast Portion	08	0230CST 0235CST			0	0			Thunderstorm Wind (G50)
									Public reported trees were blown down along HWY 141 between Lebanon and Hartsville.
Wilson County Mt Juliet	08	0235CST 0236CST			0	0	0.30K		Thunderstorm Wind
									Local law enforcement reported a light pole was down.
Wilson County East Portion	08	0241CST 0242CST			0	0			Thunderstorm Wind (G50)
									Local law enforcement reported trees down.
Lawrence County 2 W Lawrenceburg	08	0312CST			0	0			Hail (0.75)
									Dime size hail was reported by local law enforcement.
Lawrence County Ethridge	08	0315CST			0	0			Thunderstorm Wind (G50)
									Local law enforcement reported 2 trees were blown down.
Marshall County West Central Portion	08	0335CST			0	0			Hail (0.75)
									Spotter reported dime size hail.
Decatur County 8 SW Decaturville	08	0940CST			0	0			Thunderstorm Wind (G50)
									Spotter reported large tree limbs down at Scotts Hill.
Benton County 2 W Holladay	08	1004CST			0	0			Thunderstorm Wind (G50)
									County highway department reported 2 trees were blown down.
Stewart County Dover	08	1035CST			0	0			Hail (0.75)
									Sheriff reported dime size hail.
Stewart County Dover	08	1035CST 1036CST			0	0			Hail (1.50)
									Spotter reported ping pong size hail in the northwest part of town.
Wilson County Lebanon	08	1038CST			0	0			Hail (0.75)
									Public report of dime size hail.
Hickman County Northwest Portion	08	1045CST 1046CST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

April 1998

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

TENNESSEE, Central

Tennessee Highway Patrol reported 2 trees were blown down.

Wayne County 3.2 W Cypress Inn	08	1050CST			0	0			Hail (0.75)
			Local law enforcement reported dime size hail.						
Montgomery County 2 W Clarksville	08	1100CST			0	0			Thunderstorm Wind (G60)
			SKYWARN Spotter reported 60 mph wind gust.						
Montgomery County Northwest Portion	08	1105CST			0	0			Thunderstorm Wind (G50)
			County highway department reported 2 trees were blown down.						
Jackson County Gainesboro	08	1120CST			0	0			Hail (0.75)
			Dime size hail reported by local law enforcement.						
Lawrence County Fallriver	08	1125CST 1126CST			0	0			Hail (1.00)
			Local EMA reported one quarter size hail.						
Lawrence County 5 SE Lawrenceburg	08	1125CST			0	0			Thunderstorm Wind (G50)
			Local law enforcement reported large limbs were blown down.						
Overton County 5 N Livingston	08	1130CST			0	0			Hail (0.75)
			Dime size hail reported by local law enforcement.						
Giles County Pulaski	08	1147CST			0	0			Hail (0.75)
			Local law enforcement reported dime size hail.						
Davidson County Donelson	08	1148CST			0	0			Thunderstorm Wind (G60)
			Local law enforcement reported 2 trees blown down.						
Wilson County Mt Juliet	08	1150CST 1151CST			0	0			Thunderstorm Wind (G52)
			Local law enforcement reported 60 mph wind gust.						
Overton County 10 SW Livingston	08	1155CST			0	0			Hail (0.75)
			Local law enforcement reported dime size hail.						
Lincoln County Boonshill	08	1219CST			0	0			Hail (1.00)
			Local law enforcement reported quarter size hail.						
Franklin County 4 N Estill Spgs	08	1300CST			0	0			Hail (0.75)
			Local law enforcement reported dime size hail.						
Warren County Morrison	08	1305CST 1306CST			0	0			Hail (0.75)
			Dime size hail was reported by local law enforcement.						
Moore County Lynchburg	08	1310CST 1311CST			0	0			Thunderstorm Wind (G50)
			Local law enforcement reported 2 trees were blown down.						
Sequatchie County Cagle	08	1310CST			0	0			Hail (0.75)
			Dime size hail was reported by local law enforcement.						
Warren County Centertown	08	1310CST			0	0			Hail (0.75)
			Dime size hail was reported by local law enforcement.						

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, Central									
Van Buren County East Portion	08	1315CST 1325CST			0	0			Hail (2.75)
									Baseball size hail was reported by local law enforcement.
Van Buren County Piney	08	1315CST 1316CST			0	0	10K		Hail (2.75)
									Local law enforcement reported baseball size hail. The hail knocked out car windows and damaged roofs.
Bledsoe County West Central Portion	08	1330CST 1331CST			0	0			Hail (1.75)
									Park employee reported golf ball size hail at the golf shop in Fall Creek Falls State Park.
Wayne County Waynesboro	08	1700CST 1701CST			0	0			Hail (1.50)
									Storm spotter reported walnut size hail.
Lewis County Oak Grove	08	1730CST			0	0	1K		Thunderstorm Wind
									Public reported wind damage to a trailer home.
Wayne County East Portion	08	1735CST 1736CST			0	0			Hail (1.75)
									Local EMA official reported widespread golf ball size hail.
Wayne County South Portion	08	1735CST			0	0			Hail (1.75)
									Local EMA official reported widespread golf ball size hail.
Lawrence County Westpoint	08	1740CST 1741CST			0	0			Hail (1.75)
									EMA official reported golf ball size hail.
Lawrence County Westpoint	08	1740CST 1741CST			0	0			Thunderstorm Wind (G52)
									EMA official reported 60 mph wind gust.
Maury County Culleoka	08	1755CST			0	0			Hail (0.75)
									Public report of dime size hail.
Lawrence County Lawrenceburg	08	1800CST			0	0			Hail (1.75)
									EMA reported golf ball size hail just east of the city.
Lawrence County Leoma	08	1800CST 1801CST	0.5	200	0	0			Tornado (F0)
									SKYWARN Spotter identified a tornado. The tornado blew down trees.
Maury County Southwest Portion	08	1800CST			0	0			Thunderstorm Wind (G50)
									EMA reported debris covering the road on U.S. HWY 43.
Lawrence County Lawrenceburg	08	1805CST 1806CST			0	0			Thunderstorm Wind (G50)
									EMA reported numerous trees that were 18 inches in diameter, were blown down on the southeast side of Lawrenceburg.
Wilson County 6.2 S Mt Juliet	08	1815CST			0	0			Thunderstorm Wind (G50)
									NWS employee reported trees were blown down.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
TENNESSEE, Central									
Marshall County Chapel Hill	08	1830CST 1831CST			0	0			Hail (1.00)
									EMA reported quarter size hail.
Marshall County Chapel Hill	08	1830CST			0	0			Thunderstorm Wind (G50)
									EMA reported large tree limbs were down.
Bedford County Southwest Portion	08	1835CST			0	0			Hail (0.75)
									Sheriff's office reported dime size hail.
Lincoln County 12 NNW Fayetteville	08	1835CST			0	0			Hail (0.75)
									Sheriff's office reported dime size hail at St. Petersburg.
Bedford County Countywide	08	1845CST			0	0			Thunderstorm Wind (G50)
									Public reported many trees were blown down around the county.
Bedford County Shelbyville	08	1845CST			0	0			Hail (0.75)
									Public reported dime size hail.
Rutherford County 5 E Christiana	08	1845CST			0	0			Thunderstorm Wind (G50)
									NWS employee reported exit sign blown down over at mile marker 90 and 91, I-24 westbound.
Marshall County Petersburg	08	1847CST			0	0			Hail (0.75)
									EMA reported dime size hail.
Moore County Lynchburg	08	1850CST			0	0			Hail (1.75)
									Sheriff's office reported golf ball size hail.
Putnam County Cookeville	08	1855CST 1856CST			0	0			Hail (1.75)
									EMA reported golf ball size hail.
Putnam County 5 W Cookeville	08	1855CST 1856CST			0	0			Thunderstorm Wind (G50)
									EMA reported trees were blown down.
Coffee County Manchester to 1 E Manchester	08	1900CST 1901CST	1	200	0	0	50K		Tornado (F1)
									911 center reported numerous roofs off of buildings in downtown Manchester and also widespread wind damage.
Maury County Southwest Portion	08	1910CST 1911CST			0	0	5K		Thunderstorm Wind
									Local law enforcement reported wind damage to a building in southwest Maury county near the Lewis county line.
Warren County Viola	08	1930CST			0	0	10K		Thunderstorm Wind
									NWS employee reported 2 barns damaged and trees down on HWY 127 south near Viola.
Sequatchie County Dunlap	08	2000CST			0	0			Thunderstorm Wind (G50)
									Local law enforcement reported trees down across the northern part of the county from Dunlap northward
Bledsoe County Pikeville	08	2030CST 2031CST			0	0			Thunderstorm Wind (G50)
									Scattered reports of trees and power lines down.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
TENNESSEE, Central									
Hickman County Pleasantville	14	0056CST			0	0	0.50K		Thunderstorm Wind
									Merriwether Lewis Electric Company reported high winds blew down crossarms holding up powerline.
Davidson County Nashville	18	0155CST			0	0			Thunderstorm Wind (G50)
									EMA official reported a tree down on Whites Creek Pike.
Coffee County Manchester	15	1855CST			0	0	5K		Thunderstorm Wind (G50)
									Trees were blown down at Manchester. A large tree fell at the corner of Main and Church Streets near the First United Methodist Church and knocked out electricity. Property damage included a portion of an awning at Jiffy Burger blown off and minor damage to homes from downed trees and limbs.
Cheatham County Countywide	16	0500CST 0630CST			0	0			Flash Flood
									News article reported flooding across many roads in Cheatham county.
Dickson County .8 SSE Tidwell to 2.3 SE Tidwell	16	0610CST 0620CST	2	1300	0	5	500K		Tornado (F3)
									The tornado destroyed or damaged 35 homes, destroyed 7 mobile homes, uprooted trees and demolished cars along a 2 mile path on Nails Creek Road. The Dickson Convention Center/Flea Port USA, on TN Route 46 South, lost a wall and part of a roof.
Montgomery County 1.2 NNW Port Royal to 1.2 NNE Port Royal	16	0918CST 0920CST	1.1	200	0	0	10K		Tornado (F2)
									Many trees and power lines were blown down at Port Royal and Sandlerville Road. Homes were damaged. A TVA transmission line tower fell. This tornado moved into Robertson county.
Robertson County 4.5 WSW Adams to 1.5 NNW Cedar Hill	16	0920CST 0940CST	7.2	400	0	0	400K		Tornado (F3)
									Part of a roof was blown off the Jo Byrns School in Adams. Many trees fell on homes.
Hickman County Wrigley	16	1030CST 1031CST			0	0			Thunderstorm Wind (G50)
									Several trees were blown down.
Humphreys County 1.5 ESE Buffalo to 2 ESE Buffalo	16	1105CST 1106CST	0.5	100	0	0			Tornado (F0)
									Spotter reported a tornado on I-40 between mile marker 145 and 146.
Macon County 2 E Willette to 1 ENE Willette	16	1135CST 1145CST	3	800	0	0	5K		Tornado (F2)
									Many trees and power lines were blown down. A roof was damaged to a house and also to a barn on White Springs Road from large tree branches.
Stewart County Dover	16	0355CST			0	0			Thunderstorm Wind (G50)
									Public reported a tree down on HWY 49 between Dover and Carlisle.
Robertson County White House	16	0500CST 0501CST			0	0			Thunderstorm Wind (G50)
									Ham radio operator reported power lines down just west of White House on HWY 76 and Union Road.
Davidson County Hermitage	16	0525CST 0830CST			0	0			Flash Flood
									NWS employee reported Dobson Chappel Road down to one lane due to high water. Culverts were overflowing.
Davidson County Hermitage	16	0525CST 0526CST			0	0			Hail (0.88)
									NWS employee reported nickel size hail.

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, Central									
Davidson County Hermitage	16	0530CST 0531CST			0	0			Hail (1.75)
			NWS employee reported golf ball size hail.						
Davidson County Hermitage	16	0625CST 0715CST			0	0			Flash Flood
			1/2 foot of water at Lebanon Road and Matterhorn Road.						
Putnam County Baxter to Cookeville	16	0720CST 0728CST			0	0			Thunderstorm Wind (G50)
			EMA reported trees blown down between Baxter and Cookeville along I-40.						
Wilson County Mt Juliet	16	0725CST 0855CST			0	0			Flash Flood
			NWS employee reported water 6 to 8 inches deep covering intersection of S. Greenhill Road and Old Railroad Bed Road.						
Putnam County Cookeville	16	0748CST 1030CST			0	0	10K		Flash Flood
			EMA official reported major street flooding. Some homes were also flooded.						
Sumner County Portland	16	1017CST 1018CST			0	0			Hail (0.75)
			Sheriff reported dime size hail.						
Sumner County Portland	16	1026CST 1027CST			0	0			Hail (0.88)
			County sheriff reported nickel size hail.						
Sumner County Westmoreland	16	1048CST 1049CST			0	0			Hail (0.88)
			Sheriff reported nickel size hail.						
Williamson County 3 N Franklin	16	1127CST 1128CST			0	0			Hail (1.00)
			Trucker reported quarter size hail 3 miles north of Franklin on I-65.						
Rutherford County La Vergne	16	1151CST 1152CST			0	0			Hail (1.00)
			Public reported quarter size hail.						
Rutherford County Murfreesboro	16	1151CST 1152CST			0	0			Hail (1.00)
			Spotter reported quarter size hail.						
Rutherford County Smyrna	16	1151CST 1152CST			0	0			Hail (0.75)
			NWS employee reported dime size hail.						
Rutherford County Walterhill	16	1205CST 1206CST			0	0			Hail (1.00)
			Spotter reported quarter size hail.						
Decatur County Parsons	16	1322CST 1323CST			0	0			Hail (1.00)
			Spotter reported quarter size hail.						
Humphreys County Waverly	16	1325CST 1326CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, Central									
			Sheriff reported quarter size hail.						
Dickson County 8 N White Bluff	16	1350CST 1356CST			0	0			Hail (1.75)
			Spotter reported golf ball size hail covering the ground to a depth of 2 1/2 inches.						
Decatur County Parsons	16	1357CST 1358CST			0	0			Hail (1.00)
			EMA reported quarter size hail.						
Cheatham County 3 NW Ashland City	16	1405CST 1406CST			0	0	50K		Hail (2.75)
			Ham radio operator reported golf ball size hail. However, a newspaper article reported hail the size of baseballs damaged 35 to 50 homes.						
Dickson County White Bluff	16	1410CST 1411CST			0	0			Hail (1.75)
			Sheriff reported golf ball size hail.						
Humphreys County Waverly	16	1410CST 1411CST			0	0			Hail (1.00)
			Sheriff reported quarter size hail.						
Davidson County Nashville	16	1415CST 1416CST			0	0			Hail (1.75)
			Sheriff reported golf ball size hail in west Nashville on Charlotte Pike.						
Sumner County Hendersonville	16	1425CST 1426CST			0	0			Hail (1.00)
			County sheriff reported quarter size hail at junction of HWY 386 and Shackle Island Road.						
Davidson County Nashville	16	1434CST			0	0			Hail (0.75)
			NWS employee reported dime size hail on Delta Queen Drive near Opryland.						
Davidson County Madison	16	1436CST 1437CST			0	0			Hail (0.75)
			Sheriff reported dime size hail.						
Davidson County Inglewood	16	1443CST 1444CST			0	0			Hail (1.00)
			NWS employee reported quarter size hail.						
Davidson County Nashville	16	1520CST 1521CST			0	0			Hail (0.88)
			County sheriff reported nickel size hail in the Green Hills area.						
Smith County Pleasant Shade	16	1550CST 1551CST			0	0			Hail (1.75)
			County sheriff reported golf ball size hail.						
Davidson County Madison	16	1620CST 1621CST			0	0			Hail (1.00)
			Ham radio operator reported quarter size hail.						
Dickson County Dickson	16	1650CST 1900CST			0	0			Flash Flood
			Local law enforcement reported widespread flooding in Dickson.						

Storm Data and Unusual Weather Phenomena

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Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
TENNESSEE, Central									
Dickson County Dickson	16	1650CST 1651CST			0	0			Thunderstorm Wind (G50)
									Local law enforcement reported numerous trees were blown down
Jackson County Gainesboro	16	1715CST 1716CST			0	0			Hail (1.00)
									Local law enforcement reported quarter size hail.
Jackson County Gainesboro	16	1715CST 1716CST			0	0			Thunderstorm Wind (G50)
									Local law enforcement reported several trees were blown down.
Maury County 5 S Columbia	16	1840CST 1841CST			0	0			Hail (0.75)
									Local law enforcement reported dime size hail.
Cheatham County 3.5 NE Pegram to 4.3 NE Pegram	16	1415CST 1417CST	1	400	0	0			Tornado (F0)
Davidson County 6.1 SW Nashville to 8.7 NE Nashville	16	1430CST 1454CST	14.7	1320	1	60	100M		Tornado (F3)
									This Nashville tornado on April 16, 1998 took a very similar path to another F3 tornado that occurred on March 14, 1933, which killed 11 people in Nashville. The tornado touched down at 3:30 PM one mile west of Charlotte Pike and I-440. A tree fell on a ROTC student at Centennial Park. He was attending an ROTC picnic. He died later on May 4 from his injuries. The tornado went through downtown Nashville at 3:40 PM and on toward East Nashville, Donelson and Hermitage. The tornado blew out many windows on office buildings. The Nations Bank Office Towers were one of the hardest hit buildings in Nashville. Tennessee Performance Arts Center (TPAC) and the Tennessee Towers sustained damage. TPAC had over 100 windows blown out. NOA A Weather Radio broadcasts from the Tennessee Towers and was off the air for about 24 hours. 30 private airplanes were damaged at Cornelia Fort Airport. Estimated damage to the airplanes was 3 million dollars. 35 buildings in downtown Nashville were "red tagged", meaning these buildings were structurally unsound. Many signs in Davidson county were blown down or severely damaged. The tornado blew down 3 out of 10 construction cranes on the construction site of the Tennessee Oiler's Football Stadium near the Cumberland River. The tornado continued east and hit the residential section of East Nashville. At least 300 homes were damaged in East Nashville. Many homes lost a good part of their roofs, trees were uprooted, telephone poles were knocked down. St. Ann's Episcopal Church, which is well over 100 years old, received major damage. Uprooted trees, damaged roofs to many homes was the story across Donelson and Hermitage. Numerous windows were blown out from the Gaylord Building in Donelson. About half the trees, that is over a thousand trees, were blown down at Andrew Jackson's home, The Hermitage. The Hermitage is a 600 acre estate of the former President. Some of those trees were well over 200 years old, and a few of those trees that were destroyed were planted by Andrew Jackson himself. Mayor Phil Bredesen closed downtown Nashville of Friday, April 17. Many workers had an unscheduled holiday. The downtown area was reopened Monday, April 20. This gave time for cleanup crews to remove broken glass and repair downed power lines. Nashville Electric Service said 75,000 customers were without power. M22OU
Wilson County 1.1 WNW Green Hill to Hunters Pt	16	1455CST 1530CST	18.5	880	0	0	1M		Tornado (F2)
									This tornado was the same one that struck downtown Nashville. The tornado was seen moving from west to east about a mile south of the NWS office. The tornado caused many trees to be uprooted, power lines were knocked down, signs damaged or blown down, and there was roof damage to homes. The Mt. Juliet Little League field was littered with aluminum and lumber blown from Marvin's Lumber Yard. Part of a roof was taken off First Bank in Mt. Juliet. The tornado continued into southern Trousdale county.
Davidson County 3 N Nashville Metro Arpt to 9.2 NE Nashville Metro Arpt	16	1520CST 1540CST	7.4	880	0	0	50K		Tornado (F2)
									Trees were blown down. There was some damage to homes from fallen trees. This tornado was not as strong as the first. It started between downtown and Nashville International Airport and continued into Wilson county.
Trousdale County 8.8 SW Hartsville to 3.9 SE Hartsville	16	1531CST 1540CST	8.9	400	0	0			Tornado (F2)
									Downed trees in rural areas.

Storm Data and Unusual Weather Phenomena

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Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
TENNESSEE, Central									
Wilson County 1.3 SW Green Hill to 4.9 NE Lebanon	16	1540CST 1605CST	20.3	880	0	0	3M		Tornado (F2)
									This tornado travelled just south of Lebanon Pike and did damage to homes and businesses in West Lebanon. The TRW plant received some damage on HWY 70 Bypass. Trees were uprooted and homes sustained roof damage. There was extensive agricultural losses. Approximately \$60,000 worth of fencing was destroyed or damaged. 20 hogs were killed. Farmers lost 26 outbuildings, and 21 vehicles were damaged.
Wayne County 11 S Clifton to 10.7 SE Waynesboro	16	1550CST 1615CST	23	1760	3	6	4M		Tornado (F4)
									The tornado killed 3 people in Wayne county. 2 females, their ages 75 and 57, were killed in a modular home on Lay Creek Rd. Another female, age 69, was killed on Lay Creek Road in a wooden frame home. The tornado left nothing but the foundation. A lumber yard was destroyed. Many trees were down in the path of the tornado. Many houses and mobile homes were destroyed. 34 homes were completely destroyed, 14 homes had major damage and 22 had minor damage. . F75MH, F57MH, F69PH
Lawrence County 5.8 WSW Deerfield to 5.3 E Summertown	16	1615CST 1705CST	22.7	1760	0	21	4M		Tornado (F5)
									Many fine homes, some even brick, were completely leveled. Trees were uprooted or blown down, power lines were down, 75 utility poles were blown down around the county. People who were at their homes went to the basement, or in a closet, or in a bathroom. A one ton Dodge flatbed truck, which weighs almost 5000 pounds, was hurled 20 miles. A tree was debarked by the flying debris. A 200 yard wide path of pasture land had grass pulled out. Clumps of dirt was pulled up from the ground. Several livestock was killed.
Giles County 5.8 W Yokley to 2.1 NNE Yokley	16	1705CST 1710CST	6.9	800	0	1	1M		Tornado (F4)
									The most extensive damage was north of Yokley. There were downed trees and power lines, a ruptured gas tank, cars overturned, and homes damaged. 5 homes and 8 mobile homes were destroyed in Giles county.
Maury County 6.8 SW Culleoka to 6.3 NE Culleoka	16	1710CST 1730CST	16.8	800	0	8	4M		Tornado (F3)
									The heaviest damage was in the Culleola-Tice Town area. An 18 wheeler was blown over. Many homes were damaged, trees and power lines were down. Several trailers were destroyed or damaged.
Davidson County Nashville to 1 NE Nashville	16	1615CST 1618CST	1	800	0	0	500K		Tornado (F2)
									EMA official reported a tornado touchdowns at 12th and Charlotte and 6th and Union. Damage was mainly blown out windows and downed trees and power lines.
Pickett County 3.6 SW Byrdstown to 1.2 ENE Red Hill	16	1635CST 1650CST	8.6	880	0	4	10M	1M	Tornado (F3)
									40 homes and 22 mobile homes were destroyed from this tornado. 95% of the trees were destroyed in the path of the tornado. 45 utility poles were blown down. 100 barns were destroyed, 2 green houses were heavily damaged, and there was damage to fences and pasture land. There were 4 people injured, but they were treated and released.
Franklin County 1 S Old Salem	16	1830CST			0	0	5K		Thunderstorm Wind (G50)
									A tree was blown down. A large tree limb from this tree was impaled into the side of a house. Part of the facade to the house was also broken off due to the thunderstorm winds.
Sumner County Countywide	16	1700CST 1900CST			0	0			Flash Flood
									10 roads were closed around the county because high water made them impassable. A half dozen people were displaced from their flooded homes, mainly in the Bethpage and Westmoreland areas. .
Bledsoe County 5 NW Pikeville	18	1725CST 1830CST			0	0			Flash Flood
									Local law enforcement reported water over the road along HWY 30.
Perry County Linden	27	1925CST 1926CST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, Central									
Local law enforcement reported tree limbs down over powerlines.									
Coffee County Manchester	30	1520CST			0	0			Hail (0.75)
Coffee county sheriff's office reported dime size hail.									
Grundy County 5 N Altamont	30	1710CST			0	0			Thunderstorm Wind (G50)
Sheriff's office reported a tree down on Northcuts Cove Road.									
Van Buren County Cummingsville	30	1840CST 1940CST			0	0	1K		Flash Flood
The sheriff's office reported a truck was temporarily swept off the road due to high water. He sustained minor damage to front bumper.									
Putnam County Countywide	30	1900CST 2000CST			0	0			Flash Flood
Highway department reported several county roads, ditches and culverts were washed out around the county.									
Overton County Hanging Limb	30	1915CST 2015CST			0	0			Flash Flood
Sheriff's office reported a mudslide in vicinity of Hanging Limb. Numerous streams and creeks were out of their banks. Several county roads, ditches and culverts were washed out.									
TENNESSEE, East									
Anderson County Oliver Spgs	03	1630EST			0	0			Hail (1.75)
Claiborne County Tazewell	03	1715EST			0	0			Hail (0.75)
Fentress County Pall Mall	03	1720EST			0	0			Hail (0.75)
Grainger County 6 S Rutledge	03	1726EST			0	0			Thunderstorm Wind (G52)
Cumberland County Countywide	03	1730EST			0	0	5K		Tstm Wind/Hail
A few trees down across county.									
Hawkins County Rogersville	03	1810EST			0	0			Hail (0.75)
Sevier County Countywide	03	1820EST			0	0	17K	15K	Thunderstorm Wind
Numerous trees and powerlines down throughout county.									
Hamilton County 5 N Sale Creek	03	1835EST			0	0			Funnel Cloud
Funnel cloud seen along the border of Hamilton and Rhea counties.									
Rhea County Dayton	03	1835EST			0	0			Hail (0.75)
Sullivan County Kingsport	03	1840EST			0	0			Hail (1.00)
Washington County 5 W Gray	03	1845EST			0	0			Hail (1.00)
Sullivan County 5 E Kingsport	03	1850EST			0	0			Hail (1.25)
Mcminn County 5 NW Athens	03	1850EST			0	0			Hail (0.88)
Greene County Greeneville	03	1855EST			0	0			Hail (0.75)
Meigs County Decatur	03	1910EST			0	0			Hail (0.75)
Campbell County Jellico	03	1915EST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, East									
Hamilton County Sale Creek	03	1915EST			0	0	12K		Thunderstorm Wind
			Trees down in Sale Creek.						
Unicoi County Erwin	03	1930EST			0	0			Hail (0.88)
Johnson County 5 N Mountain City	03	1930EST			0	0	10K	6K	Thunderstorm Wind (G52)
			Trees and powerlines down.						
Bradley County 15 S Cleveland to 10 S Cleveland	03	1930EST			0	0	11K		Thunderstorm Wind
Carter County Milligan College	03	1945EST			0	0			Hail (0.75)
Monroe County Sweetwater	03	1958EST			0	0			Hail (0.75)
Mcminn County Idlewild	03	2000EST			0	0			Hail (0.75)
Cumberland County Mayland	08	0410CST			0	0			Hail (0.75)
Fentress County Allardt	08	1310CST			0	0			Hail (1.75)
			Golfball-sized hail covered the ground in Allardt.						
Morgan County Deer Lodge	08	1350EST			0	0			Hail (0.75)
Claiborne County Harrogate	08	1425EST			0	0			Hail (0.75)
Knox County Knoxville	08	2115EST			0	0			Hail (0.75)
			Dime and nickle sized hail on Rutledge Pike.						
Grainger County Blaine	08	2125EST			0	0			Hail (1.00)
			Quarter-sized hail 2 inches deep reported in Blaine.						
Mcminn County 8 NW Athens	08	2125EST			0	0			Hail (0.75)
			Dime-sized hail reported in northwest part of county.						
Hamblen County Morristown	08	2128EST			0	0			Hail (0.75)
Loudon County Lenoir City	08	2130EST			0	0			Hail (0.75)
Knox County Farragut	08	2135EST			0	0			Hail (0.75)
Monroe County 7 W Sweetwater	08	2140EST			0	0			Thunderstorm Wind (G80)
			A chicken house was damaged 7 miles west of Sweetwater.						
Monroe County 5 W Sweetwater	08	2140EST			0	0	100K		Thunderstorm Wind
			Concrete building heavily damaged 5 miles west of Sweetwater.						
Monroe County Sweetwater	08	2145EST			0	0	1K	5K	Thunderstorm Wind
			A chimney was blown down and trees down in Sweetwater.						
Rhea County Dayton	08 09	2300EST 2300EST			0	0	10K	20K	Thunderstorm Wind
			Trees and powerlines down in and around Dayton.						
Knox County 15 N Knoxville	09	0200EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, East									
Claiborne County Countywide	15	2000EST			0	0	250K	17K	Flood
	16	0500EST							
	More than two dozen houses damaged by mudslides and flooding. 40 mobile homes damaged by flooding. Widespread mudslides, flash flooding, trees and power lines down. Some damage caused to fences when a herd of cattle stampeded when their corral was destroyed by flooding.								
Morgan County 5 NW Wartburg	16	0950EST			0	0	16K	8K	Thunderstorm Wind
	Large tree limbs down and numerous power outages in the northern part of the county.								
Anderson County Oliver Spgs	16	0951EST			0	0			Funnel Cloud
	Public reported a funnel cloud at Norwood near Oliver Springs.								
Rhea County Grandview	16	1140EST			0	0			Funnel Cloud
	County dispatch reported public sighting of a funnel cloud over Grandview Mountain moving toward Spring City.								
Claiborne County Harrogate	16	1325EST			0	0	35K	5K	Thunderstorm Wind
	A nursing home damaged near Harrogate.								
Hamilton County Countywide	16	1345EST			0	0			Hail (0.75)
Bradley County Cleveland	16	1625EST			0	0			Hail (1.00)
Rhea County Countywide	16	1630EST			0	0			Tstm Wind/Hail
	Most damage in the county occurred in the Garrison and Cottonport areas east of Dayton, as well as Wolf Creek and Yellow Creek southeast of Spring City. The wind tore the roof off amobile home on Maple Springs Road east of Dayton. A home and business in the Cottonport community sustained damage, particularly to a large garage. A large tractor shed was destroyed in the Yellow Creek area. About 500 families in the north end of the county were without electricity after the storm, most of them in the Wolf Creek area. All service was restored by 2am Friday.								
Meigs County Countywide	16	1630EST			0	0			Hail (0.75)
Meigs County 1 W Decatur	16	1630EST			0	0			Flood
	State Route 30 between Decatur and the Tennessee River Bridge was closed because of a washout.								
Sullivan County Kingsport	16	1630EST			0	0		9K	Thunderstorm Wind
	Trees down in the Kingsport area.								
Mcminn County Niota	16	1645EST			0	0			Hail (0.75)
Roane County Kingston	16	1645EST			0	0		6K	Thunderstorm Wind
	Trees down near Kingston.								
Meigs County Decatur	16	1648EST			0	0			Hail (0.75)
Monroe County Countywide	16	1715EST			0	0		11K	Tstm Wind/Hail
	Trees down in southern part of county. 1 inch hail reported near Tellico Mountain.								
Cumberland County Countywide	16	1750CST			0	0	20K		Tstm Wind/Hail
	1 inch hail reported on Highway 70. Roof was blown off a house in southern part of county. Numerous trees down in southern part of county.								
Monroe County Tellico Plains	16	1800EST			0	0			Hail (1.00)
	Quarter-size hail reported in eastern part of county.								
Morgan County 5 NW Wartburg	16	1800EST			0	0	19K	10K	Thunderstorm Wind
	Trees down and roof damage in northern part of county.								

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, East									
Anderson County Countywide	16	1830EST			0	0			Hail (1.00)
Anderson County Countywide	16	1900EST			0	0	15K		Tstm Wind/Hail
Trees down on Highway 61. Hail reported countywide.									
Union County Countywide	16	1900EST			0	0	15K		Tstm Wind/Hail
Hail and trees down across entire county.									
Claiborne County Tazewell	16	1915EST			0	0			Hail (0.75)
Dime-size hail covered the ground in Tazewell.									
Claiborne County Tazewell	16	1915EST			0	0			Hail (0.75)
Loudon County Countywide	16	1930EST			0	0	6K		Tstm Wind/Hail
Roane County Kingston	16	1930EST			0	0	10K		Thunderstorm Wind
Trees down in Kingston.									
Roane County Oliver Spgs to Harriman	16	1930EST			0	0			Urban/Sml Stream Fld
Floodwaters from the Emory River blocked Highway 61 between Oliver Springs and Harriman.									
Jefferson County Strawberry Plains	16	1955EST			0	0	5K		Tstm Wind/Hail
Sevier County Kodak	16	1955EST			0	0	5K		Tstm Wind/Hail
3/4" hail and large trees down vicinity of Sevier/Jefferson/Knox county line.									
Cumberland County Creston	16	2000CST			0	0			Hail (1.75)
Claiborne County Clairfield	16	2130EST			0	0			Urban/Sml Stream Fld
Eagan Bridge underwater in the Clairfield area.									
Union County Countywide	16	2130EST			0	0			Flood
Roads flooded countywide. Some bridges washed out. Rescue squad members pulled a mother and daughter from a van that was caught in the swirling waters of a creek near Maynardville. A shelter was set up at the courthouse for people seeking safety from the storm.									
Campbell County Jacksboro	16	2130EST			0	0			Urban/Sml Stream Fld
Roads flooded in the Jacksboro area.									
Hamilton County Harrison	16	2245EST			0	0			Hail (1.00)
Bradley County 7 W Cleveland to 1 S Charleston	16	2320EST	11.5	50	1	0	750K		Tornado (F1)
The woman was killed when she was making her way into the basement in her home to take shelter from the approaching tornado. High winds caused the house to shift on its foundation, crushing her. Two homes were completely destroyed. Damage occurred to 33 homes, 10 barns, 2 mobile homes and a church. F35PH									
Loudon County Lenoir City	17	0000EST			0	0	250K		Flood
The News-Herald newspaper office in Lenoir City had 44 inches deep in the basement, destroying several computers, company records and turned a refrigerator on its side. Radio station WLIL was almost swept off its foundation by waters rising from adjacent Town Creek. A number of families in the Highland Park area were evacuated when homes in low-lying areas were flooded by runoff. Numerous complaints of residential flooding and vehicles stalled on Highway 11 north of Lenoir City.									
Polk County Benton	17	0000EST			0	0	7K		Thunderstorm Wind
Trees down on Creek Road in Benton.									

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, East									
Knox County Countywide	17	0100EST			0	0			Flood Long-lived heavy rain event caused evacuations of apartments throughout the county. Numerous roads underwater and impassable throughout county.
Anderson County Lake City	17	0100EST			1	0			Flood Driver drowned when her jeep was swept away in Hinds Creek when she attempted to driver family members to safety. F38VE
Roane County 3 NW Paint Rock	17	2330EST			0	0	10K		Thunderstorm Wind Trees down on Highway 72.
Cumberland County Crab Orchard	18	1800EST			0	0			Urban/Sml Stream Fld Water over the road along Highway 68.
Rhea County Graysville	18	1917EST			0	0			Urban/Sml Stream Fld Numerous roads and creeks flooded.
Hamilton County Hixon	18	1930EST			0	0			Hail (0.75)
Hamilton County Countywide	18	1940EST			0	0			Urban/Sml Stream Fld Roads flooded across the county.
Hamilton County Lookout Mtn	18	1955EST			0	0			Hail (0.88)
Hamilton County Chattanooga	18	2000EST			0	0			Hail (0.88) Police car damaged.
Roane County Poplar Spgs	18	2025EST			0	0			Urban/Sml Stream Fld Low-lying areas flooded at Blair Road and Poplar Creek and Highway 29 flooded.
Monroe County Coker Creek	18	2025EST			0	0			Hail (0.88)
Knox County Knoxville	18	2030EST			0	0			Hail (1.00) 1 inch hail near Watt Road.
Union County 2 S Maynardville	18	2030EST			0	0			Hail (0.75) Dime-sized hail reported in southern part of county.
Anderson County Clinton	18	2045EST			0	0			Urban/Sml Stream Fld Water over roads on the west side of Clinton.
Knox County Knoxville	18	2100EST			0	0			Urban/Sml Stream Fld Road near West Town Mall flooded. 2 inches of rain per hour near Karns.
Bradley County Cleveland	18	2125EST			0	0			Hail (0.88)
Bradley County 5 SE Cleveland	18	2225EST			0	0			Urban/Sml Stream Fld 2-3 inches of water across roads over southeast part of county, especially Bates Pike.
Claiborne County Clairfield	18	2250EST			0	0			Urban/Sml Stream Fld Numerous roads flooded and water up to some homes.
Bradley County Countywide	19	0116EST			0	0			Urban/Sml Stream Fld A couple of roads closed due to heavy rain.
Roane County Countywide	19	0745EST			0	0			Urban/Sml Stream Fld Several roads closed due to heavy rain.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, East									
Anderson County Countywide	19	0747EST			0	0			Urban/Sml Stream Fld
									Several roads closed due to heavy rain.
Union County Countywide	19	0749EST			0	0			Urban/Sml Stream Fld
									Several roads closed due to heavy rain.
TENNESSEE, West									
Gibson County Rutherford	03	1205CST 1215CST			0	0	0.25K		Hail (1.00)
									Hail ranging from marble to quarter size fell in Rutherford.
Weakley County Greenfield	03	1225CST 1230CST			0	0	0.01K		Hail (0.75)
Weakley County Dresden	03	1255CST 1300CST			0	0	0.10K		Hail (1.00)
Henry County 1 NE Oak Hill	03	1310CST 1315CST			0	0	0.01K		Hail (0.75)
									Dime size hail fell at Paris Landing State Park.
Tipton County Wilkinsville to Mason	03	1450CST 1510CST			0	0	25K		Thunderstorm Wind
									A shed was blown away near Wilkinsville. A house trailer was blown over in Mason. A barn roof was also blown off in Mason.
Tipton County Covington	03	1455CST 1500CST			0	0	0.05K		Hail (0.75)
									Dime size hail covered the ground up to 2 inches in depth.
Shelby County Memphis	03	1500CST 1505CST			0	0	5K		Thunderstorm Wind
									Several trees and a telephone pole were blown down.
Madison County Jackson	03	1505CST 1510CST			0	0	0.05K		Hail (0.88)
Hardeman County Bolivar to Teague	03	1525CST 1535CST			0	0	0.75K		Hail (1.75)
									Hail ranging from dime to golfball size fell between Bolivar and Teague.
Haywood County Brownsville	03	1525CST 1530CST			0	0	1K		Thunderstorm Wind
									Several large trees were blown down.
Dyer County Newbern	03	1530CST 1535CST			0	0	0.15K		Hail (1.00)
Fayette County Countywide	03	1530CST 1535CST			0	0	10K		Thunderstorm Wind
									Numerous trees were knocked down across the county.
Hardeman County Bolivar	03	1530CST 1535CST			0	0	5K		Thunderstorm Wind
									A canopy was blown off of a gas station.
Hardin County Shiloh Natl Mil Park	03	1540CST 1545CST			0	0	5K		Thunderstorm Wind (G75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, West									
									Several tents that were set up during a Civil War reenactment were blown down. Some trees and power lines were also knocked down.
Gibson County Yorkville	03	1545CST 1550CST			0	0	0.01K		Hail (0.75)
Mcniary County Selmer to Adamsville	03	1610CST 1617CST			0	0	25K		Thunderstorm Wind
									Several business had their roofs blown off. Numerous trees and power lines were knocked down. At least one tree fell on a house.
Madison County Jackson	08	0200CST 0205CST			0	0	0.05K		Hail (0.88)
Shelby County Cordova	08	0622CST 0640CST			0	0	1K		Hail (1.75)
Fayette County Somerville	08	0624CST 0630CST			0	0	0.01K		Hail (0.75)
Fayette County Somerville	08	0624CST 0630CST			0	0	5K		Thunderstorm Wind
									A shed was destroyed. One house suffered roof damage. Several trees were also knocked down.
Shelby County Memphis	08	0630CST 0635CST			0	0	10K		Thunderstorm Wind
									A large tree was knocked down through the carport and dining room of a house in East Memphis.
Hardeman County 2 NW Toone	08	0813CST 0820CST			0	0	0.01K		Hail (0.75)
Hardeman County Middleton	08	0817CST			0	0	1K		Thunderstorm Wind
									A few trees were blown down.
Chester County Henderson	08	0820CST 0825CST			0	0	0.01K		Hail (0.75)
Chester County Masseyville	08	0834CST 0840CST			0	0	5K		Thunderstorm Wind
									Several sheds had tin blown off of them. Several trees were knocked down.
Chester County Henderson	08	0840CST			0	0	50K		Lightning
									Lightning started a fire in the storage room of a funeral home. Thirty-six adult caskets and a variety of other service equipment was damaged or destroyed.
Fayette County Oakland	08	0855CST 0900CST			0	0	0.01K		Hail (0.75)
Shelby County Memphis	08	0855CST 0900CST			0	0	5K		Thunderstorm Wind
									Some trees and power lines were knocked down in Memphis.
Hardeman County Saulsburly to Middleton	08	0935CST 0945CST			0	0	0.15K		Hail (1.00)
									Dime to quarter size hail fell between Saulsburly and Middleton.
Mcniary County Selmer	08	0950CST 0955CST			0	0	0.01K		Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, West									
McNairy County Bethel Spgs to Selmer	08	1000CST 1015CST			0	0	5K		Thunderstorm Wind
			Several trees and power lines were knocked down.						
Chester County Henderson	08	1005CST 1010CST			0	0	10K		Thunderstorm Wind
			Numerous trees and power lines were blown down.						
Weakley County Gleason	08	1015CST 1020CST			0	0	5K		Thunderstorm Wind
			Some trees and power lines were knocked down.						
Henderson County Sardis	08	1020CST 1025CST			0	0	5K		Thunderstorm Wind
			A shed was destroyed. Several trees and power lines were blown down.						
Hardin County Savannah to 2 SE Savannah	08	1021CST 1030CST			0	0	5K		Thunderstorm Wind
			Several trees and power lines were knocked down.						
Henry County Puryear	08	1030CST 1035CST			0	0	0.01K		Hail (0.75)
Hardin County Savannah	08	1617CST 1625CST			0	0	0.01K		Hail (0.75)
Hardin County Walnut Grove to Savannah	08	1635CST 1640CST			0	0	5K		Thunderstorm Wind
			An outbuilding was destroyed in Walnut Grove. Several trees and power lines were knocked down from Walnut Grove to Savannah.						
Lake County Tiptonville	08	1820CST 1825CST			0	0	0.10K		Hail (1.00)
Obion County Crystal	13	2120CST 2125CST			0	0	0.01K		Hail (0.75)
Weakley County Martin	13	2305CST 2310CST			0	0	0.01K		Hail (0.75)
Weakley County Martin	13	2307CST 2315CST			0	0	1K		Thunderstorm Wind
			A few power lines were blown down.						
Weakley County Dresden	13	2322CST 2330CST			0	0	0.10K		Hail (1.00)
Carroll County Mc Kenzie to 10 NW Huntingdon	13 14	2352CST 0000CST			0	0	0.76K		Hail (1.75)
			Hail ranging from dime to golfball size fell in northwest Carroll county.						
Gibson County Trenton	14	0010CST 0015CST			0	0	0.01K		Hail (0.75)
Shelby County Raleigh	14	0030CST 0045CST			0	0	0.01K		Hail (0.75)
Lake County Tiptonville	16	0135CST 0140CST			0	0	0.01K		Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
TENNESSEE, West									
Lake County Wynnburg	16	0235CST 0240CST			0	0	5K		Thunderstorm Wind
									A carport was torn from a house and blown onto a nearby highway.
Dyer County 1.5 W Ro Ellen to 2 E Ro Ellen	16	0300CST 0315CST	4	100	2	3	250K		Tornado (F3)
									The tornado started west of Ro Ellen and moved east. One mobile home with two persons inside was destroyed. The two persons in the mobile home were killed. Two other mobile homes were destroyed. A brick home was destroyed with a truck thrown on top of the house. Several other homes were damaged. Numerous trees and power lines were blown down. Debris from this tornado such as old income tax forms and life insurance policies were found near Dyer, Tennessee in nearby Gibson county. This meant the debris travelled about 15 miles. M47MH, F47MH
Crockett County Maury City to Crockett Mills	16	0320CST 0330CST	5	100	0	2	172K		Tornado (F2)
									The tornado touched down in Maury City and moved northeast toward Crockett Mills. One mobile home was destroyed. Seven houses were damaged. Five farm sheds were destroyed. Several trees were blown down.
Henry County 2 W Cottage Grove to 5 NE Paris	16	0325CST 0345CST			0	0	40K		Thunderstorm Wind
									Several homes had screen doors torn off of them or roof damage. Some lumber was scattered about a lumberyard. A 40'X36' bar n was blown down. A pavilion at a cemetery was badly damaged. Numerous large trees were blown down.
Carroll County Cedar Grove	16	0355CST 0400CST			0	0	25K		Thunderstorm Wind
									One house lost part of its roof and its carport was torn off. Five large trees were also blown down.
Weakley County Dresden	16	0600CST 0800CST			0	0	1K		Flash Flood
									Heavy rainfall caused several roads in the area to flood. Two vehicles were forced off the road. Several trees fell down because of the saturated soil.
Obion County Hornbeak	16	0725CST			0	0	0.75K		Hail (1.75)
Henderson County Reagan	16	1315CST 1320CST			0	0	0.10K		Hail (1.00)
Hardeman County Middleton	16	1325CST 1330CST			0	0	0.10K		Hail (1.75)
Henderson County Reagan	16	1350CST 1355CST			0	0	0.10K		Hail (1.00)
Mcnairy County Selmer	16	1353CST 1400CST			0	0	0.25K		Hail (1.25)
Hardin County Crump	16	1415CST 1420CST			0	0	0.10K		Hail (1.00)
Mcnairy County Selmer	16	1520CST 1525CST			0	0	0.75K		Hail (1.75)
Chester County Henderson	16	1525CST 1535CST			0	0	1K		Thunderstorm Wind
									Several trees were knocked down.
Chester County Jacks Creek	16	1525CST 1530CST			0	0	0.01K		Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	
TENNESSEE, West									
Chester County Henderson	16	1533CST 1540CST	1	25	0	0	1K		Tornado (F0)
									A tornado briefly touched down in Henderson.
Chester County Henderson	16	1540CST 1545CST			0	0	0.10K		Hail (1.00)
Henderson County Reagan	16	1550CST 1555CST			0	0	1K		Thunderstorm Wind
									Several trees were blown down.
Hardeman County Middleton	16	1610CST 1615CST			0	0	0.75K		Hail (1.75)
Hardin County Savannah	16	1645CST 1650CST			0	0	1K		Thunderstorm Wind
									A few trees were knocked down.
Mcnairy County Selmer	16	1650CST 1655CST			0	0	1K		Thunderstorm Wind
									Several trees were knocked down.
Mcnairy County Adamsville	16	1655CST 1700CST			0	0	0.75K		Hail (1.75)
Hardin County Savannah	16	1715CST 1720CST			0	0	25K		Thunderstorm Wind
									Several homes had their roofs blown off. A few large trees were knocked down.
Hardin County Savannah	16	1730CST 1900CST			0	0	1K		Urban/Sml Stream Fld
									Three inches of rain over a three-hour period produced street flooding in Savannah.
Dyer County 1 W Dyersburg	27	1500CST 1505CST			0	0	0.10K		Hail (1.00)
Dyer County Finley	27	1510CST 1515CST			0	0	0.01K		Hail (0.75)
Dyer County Dyersburg	27	1525CST 1530CST			0	0	0.10K		Hail (1.00)
Fayette County Moscow	27	1615CST 1620CST			0	0	0.01K		Hail (0.75)
Shelby County Memphis	27	1630CST 1635CST			0	0	0.11K		Hail (1.00)
									Dime to quarter size hail fell in the south part of Memphis.
Gibson County Trenton	27	1640CST 1645CST			0	0	0.01K		Hail (0.75)
Gibson County Yorkville	27	1645CST 1650CST			0	0	1K		Thunderstorm Wind
									Several trees were blown down.
Fayette County Rossville	27	1650CST 1655CST			0	0	0.10K		Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TENNESSEE, West</u>									
Gibson County 3 E Trenton	27	1655CST 1700CST			0	0	0.75K		Hail (1.75)
Gibson County Rutherford to Bradford	27	1700CST 1800CST			0	0	1K		Flash Flood
Several roads were closed due to the flash flooding.									
Gibson County Gann	27	1710CST 1715CST			0	0	0.75K		Hail (1.75)
Gibson County Gann	27	1710CST 1715CST			0	3	1K		Thunderstorm Wind
A few trees were knocked down.									
Fayette County Moscow	27	1715CST 1930CST			0	0	1K		Flash Flood
Several roads in Moscow had about a foot of water covering them.									
Carroll County Atwood	27	1730CST 1735CST			0	0	1K		Hail (1.00)
Several windows were broken by the hail.									
Carroll County Clarksburg	27	1735CST 1740CST			0	0	10K		Thunderstorm Wind
A mobile home being remodelled was destroyed. A roof was ripped off of a barn. Several large trees were knocked down.									
Carroll County Huntingdon	27	1750CST 1755CST			0	0	500K		Hail (2.75)
At least 1,000 homes were damaged by the baseball size hail. The hail accumulated as much as two feet in some areas.									
Gibson County Bradford	27	1805CST 1810CST			0	0	0.75K		Hail (1.75)
Carroll County Westport	27	1816CST 1825CST			0	0	0.75K		Hail (1.75)
Dyer County Tigrett	27	1945CST 1950CST			0	0	0.01K		Hail (0.75)
Hardeman County Middleton	27 28	2230CST 0100CST			0	0	1K		Flash Flood
Several roads had nearly a foot of water covering them.									
Henderson County Lexington	27	2330CST 2335CST			0	0	1K		Thunderstorm Wind
A few trees were blown down.									
<u>TEXAS, Central</u>									
Sutton County Sonora	08	0016CST			0	0			Hail (1.75)
Kimble County Junction	08	0120CST			0	0			Hail (0.88)
Mcculloch County 18 N Brady	26	1425CST			0	0	10K		Thunderstorm Wind
An oil rig was blown over									
Coleman County 3 N Coleman	26	1430CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Central									
Taylor County 4 E Abilene	26	1440CST			0	0			Thunderstorm Wind (G62)
Coleman County 18 S Coleman	26	1445CST			0	0			Hail (0.88)
Taylor County 4 SE Abilene	26	1445CST			0	0			Hail (0.88)
Brown County Winchell	26	1450CST			0	0			Hail (1.75)
Taylor County Abilene	26	1450CST			0	1	2K		Thunderstorm Wind
					A skylight at the mall was shattered, with falling glass injuring a child below.				
Taylor County Buffalo Gap	26	1450CST			0	0	2K		Thunderstorm Wind
Shackelford County 7 W Albany	26	1514CST	0.1	10	0	0			Tornado (F0)
Shackelford County 5 W Albany	26	1549CST	0.1	10	0	0	2K		Tornado (F0)
Haskell County 8 NW Haskell	26	1600CST			0	0			Hail (2.00)
Haskell County 1 NE Haskell	26	1615CST			0	0			Hail (0.88)
Haskell County 2 W Haskell	26	1617CST			0	0			Hail (2.75)
Haskell County 2 W Haskell	26	1620CST			0	0			Hail (1.25)
Haskell County 3 S Haskell	26	1629CST	0.1	10	0	0			Tornado (F0)
Haskell County Haskell	26	1629CST			0	0			Thunderstorm Wind (G52)
San Saba County San Saba	26	1730CST			0	0			Hail (0.75)
Shackelford County 4 N Albany	26	1745CST			0	0			Hail (1.00)
					One line of storms moved across mainly the northern half of the area during the mid to late afternoon. This line produced high winds, up to golf ball size hail, and several short-lived tornadoes across the central and eastern sections of the Big country. One young girl was injured by falling glass at the Mall of Abilene when high winds shattered a skylight. A supercell then developed behind the line, producing a tornado and up to baseball size hail across Haskell County.				
TEXAS, Central Southeast									
Trinity County 2 ESE Trinity	27	1640CST			0	0	3K		Hail (0.75)
					Hail on FM 356.				
Walker County Huntsville	27	1645CST			0	0	3K		Hail (0.75)
Walker County Riverside	27	1650CST			0	0	3K		Hail (0.75)
Washington County 3 W Brenham	27	1650CST			0	0	3K		Hail (0.75)
					Hail on FM 389.				
Washington County Brenham	27	1700CST			0	0	10K		Hail (1.75)
Washington County Brenham	27	1723CST			0	0	25K		Thunderstorm Wind
					Roof damage to Bealls Department Store.				
Montgomery County 5 WSW Willis	27	1804CST			0	0	3K		Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, Central Southeast</u>									
Trinity County									
Trinity	27	1805CST			0	0	3K		Hail (0.75)
San Jacinto County									
15 SSW Coldspring	27	1841CST			0	0	10K		Hail (1.75)
San Jacinto County									
Shepherd	27	1855CST			0	0	10K		Hail (1.75)
Montgomery County									
6 SE Pinehurst	27	2105CST			0	0	10K		Hail (1.75)
Hail at Dobin-Huffsmith Rd. (key map 249).									
Montgomery County									
3 W Willis	27	2120CST			0	0	10K		Hail (1.75)
Walker County									
New Waverly	27	2130CST			0	0	3K		Hail (0.75)
<u>TEXAS, Extreme West</u>									
NONE REPORTED.									
<u>TEXAS, Mid - South</u>									
Nueces County									
Corpus Christi	18	1232CST			0	0			Hail (0.75)
Kleberg County									
5 W Kingsville	27	1710CST			0	0			Hail (0.75)
<u>TEXAS, North</u>									
Bosque County									
Meridian	07	2205CST			0	0			Hail (1.00)
Hill County									
Whitney	07	2208CST			0	0			Hail (1.00)
Hill County									
Itasca	07	2220CST			0	0			Hail (1.75)
Ellis County									
Italy	07	2230CST			0	0			Hail (1.75)
Ellis County									
Waxahachie	07	2246CST			0	0			Hail (1.00)
Ellis County									
Ennis	07	2252CST			0	0			Hail (1.75)
Kaufman County									
Kaufman	07	2315CST			0	0			Hail (1.00)
Van Zandt County									
Wills Pt	07	2335CST			0	0			Hail (0.75)
Mills County									
10 N Goldthwaite	08	0015CST			0	0			Hail (0.75)
Hamilton County									
10 S Hamilton	08	0040CST			0	0	1K		Thunderstorm Wind
Thunderstorm winds blew down a shed and caused roof damage to a home.									
Johnson County									
Cleburne	08	0125CST			0	0			Hail (0.75)
Johnson County									
10 ENE Cleburne	08	0140CST			0	0			Hail (0.88)
Ellis County									
Midlothian	08	0155CST			0	0			Hail (1.50)
Dallas County									
Seagoville	08	0200CST			0	0			Hail (1.00)
Dallas County									
Garland	08	0210CST			0	0			Hail (0.75)
Kaufman County									
Kaufman	08	0215CST			0	0			Hail (1.25)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, North									
McLennan County Eddy	08	0315CST			0	0			Thunderstorm Wind (G52)
Limestone County Mexia	08	0355CST			0	0			Thunderstorm Wind (G57)
			Powerlines and large tree limbs were blown down.						
Navarro County Richland	08	0400CST			0	0	0		Thunderstorm Wind
			Large tree limbs were blown down.						
Henderson County Athens	08	0410CST 0430CST			0	0	0		Thunderstorm Wind
			Powerlines and large tree limbs were blown down.						
Henderson County Malakoff	08	0410CST			0	0			Hail (0.75)
Henderson County Trinidad	08	0410CST			0	0			Hail (0.75)
Freestone County 15 SE Fairfield	08	0430CST			0	0	0		Thunderstorm Wind
			Trees were blown down by high winds.						
Anderson County Neches	08	0515CST			0	0	0		Thunderstorm Wind
			Trees were blown down by high winds.						
Young County 7 NE Graham	15	2231CST			0	0			Hail (1.75)
Young County 8 N Graham	15	2231CST			0	0			Hail (1.75)
Jack County 5 N Bryson	15	2240CST			0	0			Hail (0.75)
Young County Graham	15	2305CST			0	0			Hail (0.75)
Young County Graham	15	2305CST			0	0			Thunderstorm Wind (G52)
Wise County Alvord	15	2317CST			0	0	0		Thunderstorm Wind
			Large tree limbs were blown down.						
Cooke County Gainesville	15	2330CST			0	0			Hail (0.75)
Cooke County 4 S Muenster	15	2335CST			0	0			Hail (1.50)
Denton County Sanger	15	2335CST			0	0			Hail (0.75)
Wise County Greenwood	15	2337CST			0	0			Hail (0.75)
Grayson County Gunter	16	0015CST			0	0			Hail (1.75)
Collin County Celina	16	0030CST			0	0			Hail (1.75)
Delta County Klondike	16	0301CST			0	0			Hail (0.75)
Tarrant County Haltom City	20	0030CST			0	0	270K		Lightning
			Lightning ignited a fire that destroyed two houses under construction and heavily damaged a third.						
Young County Padgett	26	1537CST			0	0			Hail (0.88)
Young County Proffitt	26	1537CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, North</u>									
Mills County 5 SW Goldthwaite	26	1545CST			0	0			Hail (1.75)
Mills County Goldthwaite	26	1555CST			0	0			Hail (0.75)
Mills County Goldthwaite	26	1600CST			0	0			Hail (0.75)
Hamilton County 1 W Evant	26	1650CST			0	0			Hail (0.75)
Coryell County 6 NW Bee House	26	1655CST	0	0	0	0			Tornado (F0)
			A brief tornado touchdown was reported by Coryell County EOC.						
Montague County Belcherville	26	1710CST			0	0			Hail (0.75)
Coryell County Copperas Cove	26	1730CST			0	0	0		Thunderstorm Wind
			A tree was blown down onto a road.						
Coryell County Purmela	26	1735CST			0	0			Hail (0.75)
Coryell County Purmela	26	1745CST	0	0	0	0			Tornado (F0)
			A brief tornado touchdown was observed by a deputy sheriff.						
Stephens County Hubbard Creek Lake	26	1748CST			0	0			Hail (1.75)
Stephens County 10 N Breckenridge	26	1800CST			0	0			Hail (1.00)
Lampasas County Lampasas	26	1830CST			0	0	1K		Thunderstorm Wind
			Powerlines were damaged by high winds.						
Bell County Belton Lake	26	1905CST			0	0			Hail (1.75)
Bell County Belton	26	1915CST			0	0	1K		Thunderstorm Wind
			Trees were blown down onto powerlines.						
Bell County Temple	26	1920CST			0	0			Hail (0.75)
Grayson County Van Alstyne	27	2000CST			0	0	60K		Lightning
			A lightning strike started a house fire, destroying the house and contents.						
Mclennan County Bellmead	27	2010CST			0	0	1K		Lightning
			A lightning strike started a fire in a shed.						
Mclennan County Waco	27	2015CST			0	0	5K		Lightning
			A lightning strike started a fire in a vacant house.						
<u>TEXAS, North Panhandle</u>									
Ochiltree County Perryton	06	1508CST			0	0			Hail (0.88)
Lipscomb County Higgins	06	1515CST			0	0			Hail (0.88)
			Severe thunderstorms across the northeast Texas Panhandle during the afternoon produced large hail as reported by local emergency officials.						
Randall County 3 SW Amarillo	25	2355CST			0	0	150K		Thunderstorm Wind (G69)
			A severe thunderstorm produced a microburst over Amarillo near Georgia Street and just south of Interstate 40. Forty to fifty cars had windows blown out and a roof was lifted from a self storage building where a sign and two light poles were damaged.						

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, Northeast</u>									
Titus County 5 SW Roeder	08	0400CST			0	0			Hail (1.00)
Titus County 2 NE Cookville	08	0400CST			0	0			Thunderstorm Wind (G60)
Hwy 44 north of Hwy 67 was blocked by fallen trees.									
Smith County Friendship	08	0410CST			0	0			Hail (0.75)
Bowie County 7 SW Texarkana	08	0435CST			0	0			Hail (0.88)
Titus County Mt Pleasant	08	0435CST			0	0			Hail (0.75)
Smith County 5 SE Winona	08	0437CST			0	0			Hail (0.75)
Gregg County Liberty City	08	0440CST			0	0			Hail (0.75)
Bowie County Texarkana	08	0445CST			0	0			Hail (0.75)
Smith County 4 ESE Tyler	08	0500CST			0	0			Thunderstorm Wind (G60)
Gregg County 2 N Longview	08	0505CST			0	0			Hail (0.75)
Harrison County Marshall	08	0527CST			0	0			Hail (0.75)
Shelby County Center	27	1408CST			0	0			Hail (0.75)
Angelina County Lufkin	27	1528CST			0	0			Hail (1.75)
Angelina County Lufkin	27	1535CST			0	0			Hail (1.75)
Angelina County Burke	27	1707CST			0	0			Hail (0.88)
San Augustine County San Augustine	27	2003CST			0	0			Hail (1.75)
<u>TEXAS, South</u>									
NONE REPORTED.									
<u>TEXAS, South Central</u>									
Llano County Llano	08	0220CST 0250CST			0	0	0	0	Hail (0.75)
Llano County Llano	08	0225CST 0230CST			0	0	20K	0	Thunderstorm Wind
Burnet County Bertram	08	0242CST 0250CST			0	0	0	0	Hail (0.88)
Burnet County Buchanan Lake	08	0242CST 0250CST			0	0	0	0	Hail (0.88)
Burnet County Buchanan Lake	08	0242CST 0250CST			0	0	40K	0	Thunderstorm Wind
Llano County Kingsland	08	0242CST 0250CST			0	0	0	0	Hail (1.75)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, South Central									
Williamson County Jarrell	08	0300CST 0310CST			0	0	0	0	Hail (0.75)
Williamson County Jarrell	08	0300CST 0310CST			0	0	15K	0	Thunderstorm Wind
Gillespie County Fredericksburg	08	0315CST 0325CST			0	0	25K	0	Thunderstorm Wind
Blanco County Johnson City	08	0327CST 0335CST			0	0	0	0	Hail (0.75)
Hays County 6 N Wimberley to 6.5 N Wimberley	08	0340CST 0341CST	0.5	100	0	0	0	0	Tornado (F0)
Hays County 10 NE Wimberley to 11 NE Wimberley	08	0357CST 0359CST	1	150	0	0	0	0	Tornado (F0)
Travis County Creedmoor	08	0410CST 0415CST			0	0	25K	0	Thunderstorm Wind
As severe thunderstorms moved eastward from the Texas Hill Country, sporadic bursts of high winds damaged trees and homes in the multi-county area. At times, the downbursts were accompanied by brief periods of hail. In general, windspeeds were estimated at well over 60 mph.									
Llano County 5 N Kingsland	26	1814CST 1820CST			0	0	0	0	Hail (0.88)
Burnet County Buchanan Lake	26	1835CST 1845CST			0	0	15K	0	Thunderstorm Wind
Blanco County Blanco	26	1940CST 1950CST			0	0	0	0	Hail (0.75)
Blanco County Countywide	26	1940CST 1950CST			0	0	30K	0	Thunderstorm Wind
Travis County Countywide	26	1950CST 2010CST			0	0	80K	0	Thunderstorm Wind
Severe thunderstorms produced spotty large hail and downbursts across the eastern part of the Hill Country eastward into the Austin area. Winds were generally estimated to be in the 70 mph range. Austin Electric reported both trees and power lines blown down in the eastern part of Blanco County and the western part of Travis County.									
Dimmit County Asherton	27	0250CST 0305CST			0	0	10K	0	Hail (1.50)
Fayette County 9 NE La Grange to 15 NE La Grange	27	1615CST 1625CST			0	0	10K	5K	Hail (1.50)
TEXAS, South Panhandle									
TXZ028>030-034>036-040>042 Lamb - Hale - Floyd - Hockley - Lubbock - Crosby - Terry - Lynn - Garza									
	02	1454CST			0	0	0	0	High Wind (G58)
High winds affected much of the Texas South Plains during the afternoon of the 2nd. A gust to 58 knots (67 mph) was recorded by the National Weather Service at Lubbock International Airport at 1454 CST.									
Parmer County 3 E Friona	26	1245CST			0	0			Hail (1.50)

Storm Data and Unusual Weather Phenomena

April 1998

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

TEXAS, South Panhandle

Castro County 5 E Hart	26	1320CST	0.1	10	0	0	5K	0	Tornado (F0)
Hale County 5 S Hale Center	26	1320CST			1	0	0		Lightning
Lightning struck and killed a 37 year-old male farmer who was out in an open area next to his irrigation/sprinkler system. M37EQ									
Parmer County 5 W Friona	26	1323CST			0	0	0	50K	Hail (2.00)
Hale County 2 N Hale Center	26	1325CST 1327CST	0.3	30	0	0	100K	25K	Tornado (F2)
A short-lived but strong (F2) tornado occurred just north of Hale Center. Two people narrowly escaped injury when their home was destroyed (they had sought shelter in a small, interior closet in this ranch-style house). The tornado also heavily damaged a vacant house, barn, hangar, and center-pivot irrigation system. Several large trees were destroyed/uprooted. Damage was investigated by NWS officials just a few hours after it occurred.									
Parmer County 1 W Friona	26	1332CST			0	0	25K		Thunderstorm Wind
Wind damage to roofs and trees reported by Friona Police Dept.									
Swisher County 8 W Tulia	26	1409CST			0	0	0		Hail (1.00)
Lubbock County 4 E Heckville	26	1415CST			0	0	0	0	Hail (1.00)
Swisher County 6 W Tulia	26	1420CST			0	0	0		Hail (1.00)
Crosby County 3 W Cone	26	1428CST			0	0	0	0	Hail (1.75)
Kent County 1 W Jayton	26	1434CST			0	0	0	0	Hail (1.75)
Crosby County 5 N Ralls	26	1440CST	0.1	10	0	0	0	0	Tornado (F0)
A brief weak tornado was reported by the Crosby County Sheriff's Office.									
Stonewall County 14 N Aspermont	26	1521CST			0	0	0	0	Hail (1.75)
Stonewall County 7 N Aspermont	26	1522CST			0	0	0	0	Hail (2.75)
Bailey County 1 N Muleshoe	26	1625CST			0	0	0	50K	Hail (0.75)
Bailey County Muleshoe	26	1640CST			0	0	0	0	Hail (1.00)
Lubbock County 13 SW Lubbock	26	1858CST			0	0	0	0	Hail (0.75)

A round of severe thunderstorms affected the South Plains on the 26th. The most significant storm was the one that hit Hale Center (see above) and caused a lightning fatality and tornado damage. Elsewhere, large hail was reported near Friona, Cone, Aspermont, and Jayton.

TEXAS, Southeast

NONE REPORTED.

TEXAS, West

TXZ045>048-050>052-057>063-067>070-074>075-079>082 - **Gaines - Dawson - Borden - Scurry - Andrews - Martin - Howard - Van Horn/Guadalupe Mountains Area - Reeves County And Upper Trans Pecos - Loving - Winkler - Ector - Midland - Glasscock - Ward - Crane - Upton - Reagan - Davis Mountains - Pecos - Presidio Valley - Marfa Plateau - Big Bend Area - Terrell**
 01 0000CST 0 0 Drought
 30 2359CST

A very dry pattern became established over southwest Texas as the waning strong El Nino sent storm systems to other parts of the U.S. At the Midland/Odessa National Weather Service Office the rain total for April 1998 was 0.00" (not even a trace of precipitation). The month was very dry over the entire region with only a few stations reporting any measurable precipitation and those amounts were only around 1/10 inch.

Storm Data and Unusual Weather Phenomena

April 1998

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

TEXAS, West

Ector County
2 SW Odessa

08	1435CST				0	0	1K		Dry Microburst
----	---------	--	--	--	---	---	----	--	-----------------------

An apparent dust devil struck a greenhouse at a residence resulting in two smashed 4x8 foot window panes. Two other panes were lifted but not broken. Skies were sunny all day with a peak gust at KMAF of 36 mph.

TXZ058-075

Reeves County And Upper Trans Pecos - Pecos
11 1600CST
1740CST

					0	0	7K		High Wind
--	--	--	--	--	---	---	----	--	------------------

Strong gradient winds ripped off corrugated metal sections of an old lumber yard storage building in Pecos. The debris blew out into a city street requiring its closure until the winds subsided enough to safely remove the metal sheets. The peak wind at the Pecos Airport was 45 mph a couple of hours before the event. The possibility of a dust devil exists judging from the timing of the event and only moderate winds in the area.

TEXAS, Western North

Foard County
7 N Crowell

06	1550CST				0	0			Hail (0.88)
----	---------	--	--	--	---	---	--	--	--------------------

Hardeman County
13 S Quannah

06	1600CST				0	0			Hail (0.88)
----	---------	--	--	--	---	---	--	--	--------------------

Wilbarger County
Vernon

06	1645CST				0	0			Hail (1.00)
----	---------	--	--	--	---	---	--	--	--------------------

Wilbarger County
Vernon

06	1705CST				0	0			Hail (0.88)
----	---------	--	--	--	---	---	--	--	--------------------

Wilbarger County
5 NE Oklaunion

06	1713CST	0.1	10		0	0			Tornado (F0)
----	---------	-----	----	--	---	---	--	--	---------------------

A small tornado (F0) touched down in a field for less than one minute.

Wichita County
2 NW Electra

14	1640CST				0	0	0.50K		Thunderstorm Wind
----	---------	--	--	--	---	---	-------	--	--------------------------

A truck trailer was blown off US Highway 287.

Wichita County
5 E Haynesville

14	1644CST				0	0			Hail (1.00)
----	---------	--	--	--	---	---	--	--	--------------------

Wichita County
Sheppard Afb

26	0630CST				0	0			Thunderstorm Wind (G60)
----	---------	--	--	--	---	---	--	--	--------------------------------

measured at Wichita Falls(KSPS)

Wichita County
Iowa Park

26	0643CST				0	0			Hail (0.75)
----	---------	--	--	--	---	---	--	--	--------------------

Archer County
6 N Megargel

26	1415CST				0	0			Hail (1.00)
----	---------	--	--	--	---	---	--	--	--------------------

accompanied by winds estimated at 50 mph

Archer County
2 W Archer City

26	1443CST				0	0			Hail (0.75)
----	---------	--	--	--	---	---	--	--	--------------------

Clay County
6 NW Shannon

26	1615CST				0	0			Hail (1.00)
----	---------	--	--	--	---	---	--	--	--------------------

Clay County
Joy

26	1620CST				0	0			Hail (0.75)
----	---------	--	--	--	---	---	--	--	--------------------

Clay County
Joy

26	1620CST				0	0			Thunderstorm Wind (G52)
----	---------	--	--	--	---	---	--	--	--------------------------------

Clay County
Bellevue

26	1635CST	0.2	50		0	2	50K		Tornado (F1)
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A tornado, probably a gustnado, overturned a mobile home on FM 1288 on the southwest side of Bellevue. A man and woman were injured inside the trailer and were taken to local hospitals. Tree limbs up to 8 inches in diameter were blown down and roofs were damaged on several homes. Two barns in the area were also destroyed.

UTAH, North, Central and South

UTZ016>017-020

Southwest Utah/Cedar City/Milford - Central And Southwest Mountains - South Central Utah/Kanab/Escalante

02	1200MST 2200MST				0	1	10K	4K	Heavy Snow
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An upper-level low pressure system brought heavy snow to southwest Utah. 18" fell at the Brian Head Ski Resort while up to 5" accumulated in several southern valley towns.

Storm Data and Unusual Weather Phenomena

April 1998

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

UTAH, North, Central and South

Tooele County 10 S Tooele

06	1430MST 1433MST				0	0	0		Funnel Cloud
----	--------------------	--	--	--	---	---	---	--	--------------

2 funnel clouds (cold core) were observed over the southern end of the Tooele Army Depot.

UTZ003>004-007>010-014-016>017-023 Salt Lake And Toole Valleys - Southern Wasatch Front/Lehi/Provo/Nephi - Wasatch Mountains I80 North - Wasatch Mountains South Of I80 - Western Uinta Mountains - Wasatch Plateau/Book Cliffs - Sanpete/Sevier Valleys - Southwest Utah/Cedar City/Milford - Central And Southwest Mountains - Eastern Uinta Mountains

07	1100MST 2000MST				0	0	8K	2K	Heavy Snow
----	--------------------	--	--	--	---	---	----	----	------------

Heavy snow fell across Utah as a fast moving storm moved through. Pinto Junction had 8" (valleys) and Alta 29" for the highest totals.

Weber County Ogden

07	1305MST 1310MST				0	0	0	0.20K	Thunderstorm Wind (G51)
----	--------------------	--	--	--	---	---	---	-------	-------------------------

A spotter on the Ogden Bench reported a severe thunderstorm with a wind gust to 59 mph (51kts) and pea-sized hail 1" deep.

Salt Lake County 5 N Magna

07	1430MST				0	0	0		Funnel Cloud
----	---------	--	--	--	---	---	---	--	--------------

Salt Lake County 3 N Magna

07	1530MST				0	0	0		Funnel Cloud
----	---------	--	--	--	---	---	---	--	--------------

2 funnel clouds were spotted just south of the Great Salt Lake near Magna.

UTZ001-005

Cache Valley/Utah Portion - Great Salt Lake Desert And Mountains/Wendover/Snowville

11	1100MST 1900MST				0	0	0	0.20K	High Wind (G52)
----	--------------------	--	--	--	---	---	---	-------	-----------------

A cold front caused high winds to occur in Lewiston 59 mph (51kts) and Wendover 60 mph (52kts). Wind gusts were in the 40-50 mph range elsewhere in the state.

UTZ001>004-006>010-016>017-020-023 Cache Valley/Utah Portion - Northern Wasatch Front/Brigham City/Ogden Bountiful - Salt Lake And Toole Valleys - Southern Wasatch Front/Lehi/Provo/Nephi - Wasatch Mountain Valleys/Huntsville/Park City/Heber - Wasatch Mountains I80 North - Wasatch Mountains South Of I80 - Western Uinta Mountains - Wasatch Plateau/Book Cliffs - Southwest Utah/Cedar City/Milford - Central And Southwest Mountains - South Central Utah/Kanab/Escalante - Eastern Uinta Mountains

12	0400MST				0	3	30K	3K	Winter Storm
15	1100MST								

Small hail, heavy snow and gusty winds occurred with this spring snow storm. Snowbird had 35" and Bountiful and Kanab (valleys) had 9".

UTZ006>008

Wasatch Mountain Valleys/Huntsville/Park City/Heber - Wasatch Mountains I80 North - Wasatch Mountains South Of I80

17	0000MST 1100MST				0	0	2K	0.20K	Heavy Snow
----	--------------------	--	--	--	---	---	----	-------	------------

5-10" of snow fell in the northern mountains.

UTZ017

Central And Southwest Mountains

25	2100MST				0	0	2K	0.50K	Heavy Snow
26	0400MST								

6" of snow fell on the Brian Head ski resort. 3-4" accumulated elsewhere in the mountains.

UTAH, Northeast

NONE REPORTED.

VERMONT, North and Central

Franklin County Countywide

01	0000EST				0	0	10K		Flood
02	0800EST								

Spring flooding continued from March into early April along the Missisquoi River from the Vermont towns of Richford to Swanton. A number of roads continued closed due to washouts and water on roads.

Rutland County Countywide

01	0000EST				0	0	10K		Flood
02	1400EST								

Spring flooding continued from March into early April along the Otter Creek especially from Rutland to Brandon. A few of roads continued closed due to washouts and water on roads.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>VERMONT, North and Central</u>									
Lamoille County									
Countywide	01	0000EST			0	0	5K		Flood
	02	1000EST							
	Spring flooding continued from March into early April along the Lamoille River especially in the Cambridge area with field flooding slowly receding.								
Addison County									
Countywide	01	0000EST			0	0	5K		Flood
	02	1400EST							
	Spring flooding continued from March into early April along the Otter Creek especially in the Vergennes area with a few local roads impacted with high water before gradually receding. The New Haven River was also running high.								
Orange County									
Northeast Portion	01	0000EST			0	0			Flood
	02	1200EST							
	Spring flooding continued from March into early April along the Wells River near Wells River, Vermont with the water slowly receding.								
Orleans County									
Countywide	01	0000EST			0	0	5K		Flood
	02	1400EST							
	Spring flooding continued from March into early April especially along the Black River. Local roads were impacted by high water before the water level receded.								
Caledonia County									
Countywide	01	0000EST			0	0	5K		Flood
	02	1400EST							
	Spring flooding continued from March into early April especially along the Passumpsic River. Before gradually receding, these high waters impacted a few roads.								
Essex County									
Countywide	01	0000EST			0	0	5K		Flood
	02	1200EST							
	Spring flood waters from March into early April continued to impact several local roads before gradually receding.								
Grand Isle County									
Countywide	01	1100EST			0	0			Flood
	02	0330EST							
	Spring melting and runoff resulted in high water county wide with some roads impacted and fields flooded.								
VTZ001>002-005-009									
Grand Isle - Franklin - Chittenden - Addison									
	01	1800EST			0	0	40K		Flood
	13	1800EST							
	Spring runoff and flood waters resulting in the lake level of Lake Champlain rising to equal or exceed the 101 foot level during this period. The maximum level reached this year was 101.82 feet on April 5. Flooding of lake shore areas became widespread with water closing some roads and flooding some private property. Due to the high lake level water back flowed up the rivers that flow into the lake. Some residents were forced to sandbag to protect property.								
Chittenden County									
Countywide	02	0400EST			0	0			Flood
		1500EST							
	Spring melting and runoff resulted in high water countywide impacting a few roads and fields. before receding.								
<u>VERMONT, South</u>									
VTZ013									
Bennington									
	01	0000EST			0	0			Flood
		2000EST							
	Rapid snowmelt during the end of March, caused flooding along the Batten Kill in Bennington County into the first day of April. The flooding was confined to low land areas along route 313 near Arlington. The river crested at 6.35 feet at Arlington during the early morning hours of April 1.								
<u>VIRGIN ISLANDS</u>									
St. Thomas County									
St. Thomas	18	1250AST			0	0			Waterspout
		1320AST							
	A mariner reported a waterspout south of St. Thomas near Buck Island.								

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
VIRGINIA, East									
Lunenburg County Kenbridge	01	1400EST			0	0	2K		Thunderstorm Wind
									Several trees down.
Suffolk (C) Suffolk	01	1505EST			0	0	4K		Lightning
									Lightning strike caused damage to a one-story house. Several rooms had plaster blown off the walls due to the strike's force. The roof and boxing were also damaged.
Hanover County Coatesville to 2 E Noel	01	1900EST 1906EST	5	400	2	0	800K		Tornado (F3)
									F39PH, M1PH
Caroline County 3 SW Ruther Glen to 2 SE Ruther Glen	01	1906EST 1915EST	4	200	0	1	200K		Tornado (F2)
									Supercell thunderstorm produced a tornado along a 9 mile path extending from near Coatesville in northwest Hanover county eastward into south central Caroline county southeast of Ruther Glen. The damage path was nearly continuous along this track, with damage intensity ranging from F0/F1 to strong F2/F3 in a couple of locations along the path. Damage path ranged from about 200 yards wide to near one quarter of a mile wide at its widest. The most significant structural damage occurred to two homes east of Coatesville. One home was completely destroyed and another severely damaged. Numerous other homes in northwest Hanover and south central Caroline counties sustained lesser damage. In addition, two mobile homes were destroyed in Caroline county. Several churches sustained damage, and several outbuildings were severely damaged or destroyed. There were two areas along the tornado path where entire groves of pine trees were completely flattened by the tornado. There were two fatalities from the storm in the Coatesville area of northwest Hanover county and one minor injury in Caroline county.
Caroline County Ruther Glen	01	1910EST			0	0			Hail (0.88)
Essex County Champlain	01	2010EST			0	0			Hail (0.88)
Richmond County 3 W Warsaw	01	2025EST			0	0	2K		Thunderstorm Wind
									Numerous trees down across a state road in the Naylor's Beach area on the Rapahannock River.
Prince Edward County 1 S Hampden Sydney	08	1845EST			0	0			Hail (1.50)
Brunswick County Dolphin	08	1945EST			0	0	2K		Thunderstorm Wind
									Several trees down near the intersection of Routes 634 and 693.
Caroline County Ladysmith	08	2115EST			0	0			Hail (0.75)
Louisa County Louisa	08	2115EST			0	0			Hail (0.75)
King William County West Pt	09	1340EST			0	0	2K		Thunderstorm Wind
									Trees down across Route 30.
Chesterfield County Chesterfield	09	1345EST			0	0	3K		Thunderstorm Wind
									Trees down throughout the county.
Petersburg (C) Petersburg	09	1345EST			0	0	2K		Thunderstorm Wind
									Trees down in the Petersburg National Battlefield.
King And Queen County Little Plymouth	09	1400EST			0	0			Hail (0.75)
New Kent County New Kent	09	1400EST			0	0	2K		Thunderstorm Wind
									Several trees down.
Prince George County Prince George	09	1400EST			0	0	2K		Thunderstorm Wind
									Several trees down.

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>VIRGINIA, East</u>									
Richmond County 3 E Emmerton	09	1440EST			0	0	2K		Thunderstorm Wind
									Three telephone poles down on Route 3.
Lancaster County Lancaster	09	1443EST			0	0			Hail (1.50)
Northumberland County Heathsville	09	1443EST			0	0			Hail (1.75)
Chesapeake (C) Chesapeake	09	1500EST 1520EST	5	50	0	0	25K		Tornado (F0)
									Tornado with wind speeds of 60 to 70 mph uprooted several trees and sheared the tops off many others in a 4 to 5 mile long path in northern portions of the city of Chesapeake. The first identifiable tornado damage was seen just south of the intersection of Dominion Boulevard and Great Bridge Boulevard. Several trees were downed/topped in the Riverwalk Subdivision. There was damage to a couple of homes as a result of trees falling on them. Tornado moved east-northeast to just northwest of the intersection of Volvo Parkway and Kempsville Road. Several trees were downed/topped in this area as well, with a couple of homes damaged by falling trees/limbs. Tornado appeared to remain just above the ground, with all structural damage resulting from falling trees/limbs. There were no injuries or deaths associated with this event.
Gloucester County Gloucester	09	1500EST			0	0	2K		Thunderstorm Wind
									Several trees down.
Suffolk (C) Suffolk Arpt	09	1500EST			0	0	100K		Thunderstorm Wind
									Damage occurred to 3 tied down airplanes. One of the planes was lifted up and crashed into the other two. Also, a panel was blown off a hangar and temporary tents were destroyed.
Suffolk (C) Whaleyville	09	1500EST			0	0	2K		Thunderstorm Wind
									Several trees down.
Mathews County Susan	09	1510EST			0	0	2K		Thunderstorm Wind
									Trees down.
Portsmouth (C) Portsmouth	09	1520EST			0	0	2K		Thunderstorm Wind
									Trees down on power lines.
Virginia Beach (C) Virginia Beach	09	1525EST			0	0	10K		Thunderstorm Wind (G52)
									Straight-line winds (60 mph wind gust reported) caused part of a metal roof to be peeled off a fire station, another metal roof was partially peeled off of a storage building (approximately 100' x 150') and storage building's concrete wall caved in when supports gave way. Also, numerous large limbs were blown off trees.
Chesapeake (C) Chesapeake	09	1530EST			0	0			Hail (1.00)
Petersburg (C) Petersburg	19	1800EST			0	0	3K		Thunderstorm Wind
									Several trees blown down near Southside Regional Hospital. Also, a hospital window was blown out.
Charles City (C) 2 E Ruthville	19	1915EST			0	0	2K		Thunderstorm Wind
									Several trees down on Route 614.
New Kent County Providence Forge	19	1930EST			0	0	2K		Thunderstorm Wind
									Several trees down on Route 155.
<u>VIRGINIA, Extreme Southwest</u>									
Washington County Damascus	03	1910EST			0	0			Hail (1.00)
Wise County Pound	15	1540EST			0	0			Hail (0.75)
Lee County Jonesville	16	1335EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

April 1998

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

VIRGINIA, Extreme Southwest

Lee County Jonesville	16	1538EST			0	0	10K	5K	Thunderstorm Wind
Trees and powerlines down in Jonesville.									
Lee County Ewing	16	1617EST			0	0			Hail (1.75)
Lee County Jonesville	16	1640EST			0	0		5K	Thunderstorm Wind
5 foot diameter tree uprooted 3 miles west of Highway 58.									
Lee County 5 SE Rose Hill	16	1715EST			0	0			Hail (1.00)
Lee County Countywide	16	1830EST			0	0			Hail (1.75)

VIRGINIA, North

Prince William County North Portion	01	1315EST			0	0	10K		Thunderstorm Wind
Fauquier County Broad Run	01	1855EST			0	0			Hail (1.00)
Prince William County Haymarket	01	1900EST 1910EST			0	0	2K		Hail (1.75)
Fairfax County Baileys Xrds	01	2041EST			0	0			Thunderstorm Wind (G50)
Arlington County Arlington	01	2045EST			0	0	3K		Lightning
Unstable air ahead of a strong cold front aided the formation of thunderstorm bands, some which became severe, during the evening of the 1st. Well-developed storms produced near-severe wind gusts and hail. The largest hail fell in Haymarket (golf ball sized); other reports of hail were received from Fauquier, Albemarle, and Loudoun Cos.									

One storm during the afternoon produced a small area of straight-line wind damage in Manassas Park (Prince William Co). A portion of the gymnasium roof at Manassas Park High School was lifted slightly. At least 7 cars had window damage; one car was moved several feet from its original space. A nearby satellite dish sustained serious damage. No other damage was reported to local officials in the area.

An estimated wind gust of at least 58 mph was noted in Bailey's Crossroads. Lightning knocked out power to portions of Virginia, including Arlington and Fairfax Cos.

Prince William County Dale City	06	1245EST			0	0			Dust Devil
Daytime heating in a relatively unstable surface layer produced a small dust devil. The swirl tossed a canopy tent eight stories into the air before depositing it in some trees several hundred feet away. A portable soccer shelter was tossed into a small group of players sitting on stadium bleachers before it was destroyed. None of the players was hurt.									
Staunton (C) Staunton	09	1215EST			0	0			Hail (0.75)
A storm spotter in Staunton reported 3/4 inch diameter hail covering the ground.									
VAZ025 Augusta	19	1142EST			0	0			Dense Fog
Steady rain and dense fog along Interstate 64 proved to be a volatile mix for drivers. At least one motorist, travelling at a high rate of speed given the conditions, caused a chain-reaction accident which ultimately involved 65 vehicles and sent 40 persons to the hospital. Nearly all the injuries were minor; cuts, scrapes, and bruises. The eastbound lanes remained closed for 5 hours, creating a backup extending for 9 miles.									

VIRGINIA, Northwest

VAZ003 Dickenson	01 30	0000EST 2300EST			0	0			Monthly Rainfall
The monthly total precipitation was 7 to 9 inches across the county. Normal is 3.5 to 4 inches.									
Dickenson County 2 NW Clintwood	15	1535EST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>VIRGINIA, Northwest</u>									
Dickenson County									
Birchleaf	15	1540EST			0	0			Hail (0.75)
Dickenson County									
Clintwood	15	1850EST			0	0			Hail (0.75)
Dickenson County									
Bee	15	1925EST			0	0			Hail (1.25)
Buchanan County									
Davenport	15	1940EST			0	0			Hail (1.00)
<p>Hail accumulated 2 to 4 inches on the high ground around Fryingpan Creek, Bee, and Davenport. The duration of smaller hail was some 20 minutes in the second storm around Clintwood.</p>									
Buchanan County									
Countywide	16	2330EST			0	0	40K		Flash Flood
	17	0300EST							
Dickenson County									
Countywide	16	2330EST			0	0	40K		Flash Flood
	17	0300EST							
<p>Rains of 1.5 to 3 inches fell in about 18 hours on the 16th. Widespread creek and headwater river flooding blocked roads and surrounding some dwellings. A restaurant and a gasoline station were flooded in Sandlick of Dickenson County. Water and mud got into homes in the headwaters of the Russell Fork. This included the Council and Davenport region of Buchanan County.</p>									
Buchanan County									
Countywide	19	0830EST			0	0	5K		Flash Flood
		1300EST							
Dickenson County									
Countywide	19	0830EST			0	0	10K		Flash Flood
		1300EST							
<p>Rains of 1.25 to 2.5 inches fell in 24 hours. This resulted in a 4 day total of 3 to 5.5 inches for much of the 2 county region. Widespread but minor stream flooding occurred. The saturated slopes caused numerous mudslides. Campgrounds around the John Flannagan Lake were submerged by the rising lake.</p>									
<u>VIRGINIA, Southwest</u>									
Buckingham County									
5.5 NNE Centenary	01	1730EST			0	0			Hail (0.75)
<p>An isolated severe thunderstorm produced dime size hail 5.5 miles north northeast of Centenary.</p>									
Patrick County									
5 SW Stuart	08	1635EST			0	0			Hail (1.00)
Martinsville (C)									
Martinsville	08	1710EST			0	0			Hail (0.75)
Pittsylvania County									
Callands	08	1720EST			0	0			Hail (1.75)
Campbell County									
Brookneal	08	1810EST			0	0			Hail (0.75)
Charlotte County									
Cullen to	08	1820EST			0	0			Hail (1.50)
3 NNE Cullen		1825EST							
<p>Severe thunderstorms during the late afternoon and evening hours on the 8th produced hail up to golf ball size.</p>									
Bath County									
Hot Spgs	09	1136EST			0	0	0		Thunderstorm Wind
<p>Thunderstorm produced damaging winds which broke off two inch diameter tree limbs in Hot Springs.</p>									
Tazewell County									
Richlands	15	2020EST			0	0			Hail (0.75)
<p>An isolated severe thunderstorm during the evening hours on the 15th produced dime size hail.</p>									
Patrick County									
Southeast Portion	17	0200EST			0	0			Flash Flood
		0500EST							

Storm Data and Unusual Weather Phenomena

April 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>VIRGINIA, Southwest</u>									
Montgomery County Prices Fork	19	1500EST			0	0			Flash Flood
Patrick County Countywide	19	1530EST 1800EST			0	0			Flash Flood
Henry County 6 SW Bassett	19	1630EST 1730EST			0	0			Flash Flood
Rockbridge County 3 SE Brownsburg	19	1700EST 1830EST			0	0			Flash Flood
Rockbridge County 5 SE Lexington	19	1710EST 1830EST			0	0			Flash Flood
Heavy rainfall during the late morning and early afternoon hours on the 19th resulted in flash flooding.									
Numerous roads were flooded and closed in and around Pulaski, including Peak Creek. Mudslides occurred in Pulaski and in Prices Fork. In Wythe County, several creeks and streams were flooded. Fall Creek and Stuart Creeks in Patrick County were flooded. Kogar Creek flooded route 620 six miles southwest of Bassett.									
In Rockbridge County, Hays Creek was flooded 3 miles southeast of Brownsburg and the route 608/699 intersection was flooded by a creek about 5 miles southeast of Lexington.									
<u>WASHINGTON, Northeast</u>									
Spokane County 5 SW Cheney	10	1746PST			0	0	0	0	Tstm Wind/Hail pea size hail
Ferry County 8 N Republic	23	1200PST			0	0	0	0	Tstm Wind/Hail 1/2 inch hail and 30-40 mph winds
Ferry County Barstow	23	1435PST			0	0	0	0	Hail (1.00) 1 inch hail
Adams County Othello	23	1450PST			0	0	0	0	Hail (1.00) 1 inch hail
Spokane County 5 E Spokane	23	1530PST			0	0	0	0	Tstm Wind/Hail 4-6 inches standing water on roads. Pea size hail
Okanogan County Nespelem	23	1058PST			0	0	0	0	Tstm Wind/Hail 1/2 inch hail
Okanogan County Brewster	23	1510PST			0	0	0	0	Hail (1.00) 1 inch hail
Okanogan County 7 NW Okanogan	23	1600PST			0	0	0	0	Tstm Wind/Hail 50 mph wind gust and 1/2 inch hail
<u>WASHINGTON, Northwest</u>									
King County Bellevue	08	1830PST			0	0			Lightning Lightning struck a fir tree and a shed. It burned a hole through the roof of the shed and exploded two bags of lawn chemicals.
<u>WASHINGTON, Southeast</u>									
Walla Walla County Touchet to Waitsburg	10	1448PST 1510PST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

April 1998

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

WASHINGTON, Southeast

Columbia County

Huntsville to Dayton Arpt	10	1500PST 1550PST			0	0			Hail (0.88)
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Thunderstorms in southeast Washington produced damaging wind and large hail. One half inch hail fell in Touchet, three quarter inch to one inch hail fell in Walla Walla, one inch hail fell in Hadley, and three quarter inch to seven eighths inch hail fell in Dayton. Wind gusts to 45 mph downed power lines in Dayton.

Walla Walla County

Walla Walla to Prescott	23	1250PST 1330PST			0	0			Tstm Wind/Hail
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A thunderstorm that moved through Walla Walla county produced damaging wind, blowing dust, hail and local flooding. The wind downed power lines, blew a car port roof off, gusted to 53 mph at the Walla Walla airport, and reduced visibility in blowing dust. One half inch hail was reported in College Place. Local street flooding was also reported in College Place. A road 14 miles northwest of Prescott was closed because of a mud slide and flooding.

WASHINGTON, Southwest

NONE REPORTED.

WEST VIRGINIA, East

Pendleton County

Riverton	25	1000EST			0	0	1K		Dust Devil
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A swirl of wind, coming down nearby mountains in a clear sky, caused minor damage at a residence in the Seneca Rocks/Riverton section of Pendleton Co. Damage included a lock box which was picked up, siding pulled out and pushed in again, and under-paneling which was sucked out of the home. Some of the damage was noted downwind of the residence.

WEST VIRGINIA, North

Marshall County

2 E Benwood	08	1507EST			0	0		Hail (0.75)
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Hancock County

1 W Chester	08	1530EST			0	0		Hail (0.75)
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Brooke County

5 E Wellsburg	08	1549EST			0	0		Hail (0.75)
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Preston County

Countywide	19	1230EST 2000EST			0	0		Flash Flood
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Tucker County

Countywide	19	1230EST 2000EST			0	0		Flash Flood
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Heavy rains produced between 2.0 and 3.0 inches of rain across the area. Several small streams briefly came out of their banks and created some low-land flooding.

WEST VIRGINIA, Southeast

Monroe County

Union	09	1315EST			0	0	8K		Thunderstorm Wind
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An isolated severe thunderstorm in southeastern West Virginia produced damaging winds which tore the roof off a house and broke out windows in Union.

WEST VIRGINIA, West

Wood County

Vienna	08	1445EST			0	0		Hail (0.88)
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Wayne County

2 W Wayne	15	1710EST			0	0	5K		Thunderstorm Wind
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Several trees were blown down along Patrick Creek,

WISCONSIN, Extreme Southwest

NONE REPORTED.

WISCONSIN, Northeast

WIZ013-037>039

Marinette - Waupaca - Outagamie - Brown

01		0000CST			0	0		Flood
10		0900CST						

The flooding that occurred in early April was a carryover from the excessive precipitation that fell in late March. Four locations

Storm Data and Unusual Weather Phenomena

April 1998

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

WISCONSIN, Northeast

along 3 rivers exceeded flood stage during April. Duck Creek in Howard (Brown co.) reached 17.85 feet, just above flood stage, on April 1. The Menominee River at McAllister reached 15.79 feet on the 1st, slightly above the 15 foot flood stage. The Wolf River at Shiocton (Outagamie co.) and New London (Outagamie and Waupaca counties) also exceeded flood stage. Shiocton reached 10.83 feet (estimate) and New London peaked at 9.38 feet, both on April 5.

The only significant inconvenience from the floods occurred along the Wolf River. In New London, a few local roads were flooded and closed for a couple of days. The city park along the banks of the river was also flooded. In Shiocton, homes near the river were surrounded by water and the city park adjacent to the river was flooded throughout the event.

WIZ005-010-018>019-030-035>036-045 **Vilas - Oneida - Lincoln - Langlade - Marathon - Wood - Portage - Waushara**

12	0500CST				0	0			Strong Wind
13	0500CST								

Strong winds toppled trees and power lines, causing power outages and sparking numerous grass fires across portions of northern and central Wisconsin. The hardest hit area was in Oneida county, where gusts reached near 50 mph.

WIZ011-019>021-030>031-036>037 **Forest - Langlade - Menominee - Oconto - Marathon - Shawano - Portage - Waupaca**

16	0100CST				0	0			Heavy Snow
	1300CST								

Heavy, wet snow fell across much of northeast Wisconsin on April 16, closing schools and causing accidents, but providing relief for some counties worried about fire danger. The heaviest snow fell from just north of Stevens Point (Portage co.) to near Laona (Forest co.). The heaviest total was nearly 9 inches near Eland in western Shawano co.

WISCONSIN, Northwest

NONE REPORTED.

WISCONSIN, Southeast

WIZ052

Sheboygan

01	0000CST				0	0	5K		Flood
02	0600CST								

Several rounds of thunderstorms with heavy rains changed into a steady all-day rain, resulting in flooding of rivers and streams in Sheboygan County. Up to 3.5 inches of rain fell in the city of Sheboygan Falls, on top of a saturated ground. The Sheboygan River at Sheboygan Falls flooded adjacent low-lying roads, fields, and parks, resulting in minor damage. In the city of Sheboygan, the Sheboygan River crested at 10.45 feet at the start of the month, or 2.45 feet over flood stage. It went below flood stage at 0600CST on the 2nd.

Jefferson County

1 NE Johnson Creek

01	0000CST				0	0	3K		Heavy Rain
02	1000CST								

Additional heavy rains of 1 to 1.50 inches on top of a saturated ground resulted in a mudslide onto Old Highway 26 just north of Interstate 94 near Johnson Creek. The mudslide closed the Highway on the 1st, and it was cleaned up by the morning of April 2nd. The mudslide occurred at the construction site of a new outlet mall.

WIZ056

Sauk

01	0000CST				0	0	5K		Flood
04	0945CST								

Steady rains and some thunderstorms dumped 2 to 4 inches of rain over Sauk County on top of a saturated ground, resulting in scattered flooding reports. Highway 154 near Rock Springs was closed due to high water levels along Narrows Creek on April 1st. Other low-lying roads and farm fields along the Baraboo River experienced minor flooding. The Baraboo River at Baraboo crested at 19.57 feet at 1300CST on April 1st, or 3.57 feet above flood stage. It went below flood stage at 0945CST on the 4th.

Jefferson County

2 SE Cambridge

15	1435CST				0	0	100K		Lightning
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Lightning struck a home on the shore of Lake Ripley in the Town of Oakland as thunderstorms rolled through the area. A fire resulted, but was quickly contained. Structural and smoke damage rendered the home unliveable for several weeks.

Dodge County

2 SE Randolph

15	2100CST				0	0	2K		Lightning
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Lightning struck a tree and traveled underground to a home near Randolph, ripping open the home's telephone and cable boxes, and damaging the bricks surrounding a garden. The interior of the home sustained smoke damage, but there was no fire.

Storm Data and Unusual Weather Phenomena

April 1998

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

WISCONSIN, Southwest

WIZ017	Taylor	12 1800CST			0	0	12K		High Wind (G47)
		1900CST							
		Strong winds whipped through the Medford area uprooting large trees in a cemetery. Several headstones and grave markers were damaged.							

Adams County					0	0	80K		Wild/Forest Fire
New Rome	13	0100CST							
		0500CST							
		A wildfire, fanned by gusty winds, charred 158 acres of red pine in New Rome township during the early morning of April 13. The fire necessitated the evacuation of some nearby residences. Nobody was injured and no homes were lost.							

Grant County					0	0			Hail (1.00)
Blue River	15	2000CST							

WISCONSIN, West

NONE REPORTED.

WYOMING, Central and West

WYZ013>015-026			Wind River Basin - Green Mountains - Natrona - Western Big Horn Mountains		0	0			Heavy Snow
		06 2200MST							
		07 1600MST							
		Narrow strip of heavy snow extending from the southwestern Big Horn Mountains to the Green Mountains. Local amounts of 7 to 9 inches.							

WYZ001-004-007-010-012-027>028			Yellowstone National Park Mt Id - Cody Foothills - Jackson Valley - Dubois - Lander Foothills - Southeast Big Horn Mountains - East Johnson		0	1			Heavy Snow
		14 0600MST							
		15 2100MST							
		Two-day storm dumped up to 3 feet of snow on parts of Johnson County, with the heaviest amounts near the town of Buffalo. Roads (including I-25 and I-90) and schools were closed, and tree limbs and power lines were down in Buffalo. Lesser amounts fell over northwest Wyoming, with 7 to 12 inches reported from central parts of Jackson Hole northward into Yellowstone National Park.							

WYOMING, Extreme Southwest

NONE REPORTED.

WYOMING, North Central

NONE REPORTED.

WYOMING, Northeast

NONE REPORTED.

WYOMING, Southeast

NONE REPORTED.

STORM DAMAGE CATEGORIES

REFERENCE NOTES

1	Less than \$50	0 / Blank	None reported.
2	\$50 to \$500	*	Miles instead of yards.
3	\$500 to \$5,000	**	Yards instead of miles.
4	\$5,000 to \$50,000	@	Includes heavy sleet storm.
5	\$50,000 to \$500,000	#	Freezing drizzle and freezing rain, commonly known as glaze.
6	\$500,000 to \$5 Million	=	Report incomplete.
7	\$5 Million to \$50 Million	= =	Report not received.
8	\$50 Million to \$500 Million		
9	\$500 Million to \$5 Billion	o/c	Indicates Crop Damage amount is included in the value give for property damage.

When reports are not received or are incomplete, the Storm Summary National Death and Injury totals may also be incomplete.

Definition of Fujita Tornado Scale (F Scale)

(F0) Gale tornado (40-72 mph) : Light damage; Some damage to chimneys; break branches off trees; push over shallow-rooted trees; signs and billboards damaged.

(F1) Moderate tornado (73-112 mph): Moderate damage; The lower limit (73 mph) is the beginning of hurricane wind speed; peel surface off roofs; mobile homes pushed off foundations or overturned; moving autos pushed off the roads.

(F2) Significant tornado (113-157 mph): Considerable damage; Roofs torn from frame houses; mobile homes demolished; boxcars pushed over; large trees snapped or uprooted; light-object missiles generated.

(F3) Severe tornado (158-206 mph): Severe damage; Roofs and some walls torn from well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off ground and thrown.

(F4) Devastating tornado (207-260 mph): Devastating damage; Well-constructed houses leveled; structure with weak foundations blown off some distance; cars thrown and large missiles generated.

(F5) Incredible tornado (261-318 mph): Incredible damage; Strong frame houses lifted from foundation and carried considerable distance to disintegrate; automobile-sized missiles fly through the air in excess of 100 meters; trees debarked; incredible phenomena will occur.

(F6-F12) (319 mph to Mach 1, the speed of sound): The maximum wind speeds of tornadoes are not expected to reach the F6 wind speeds.

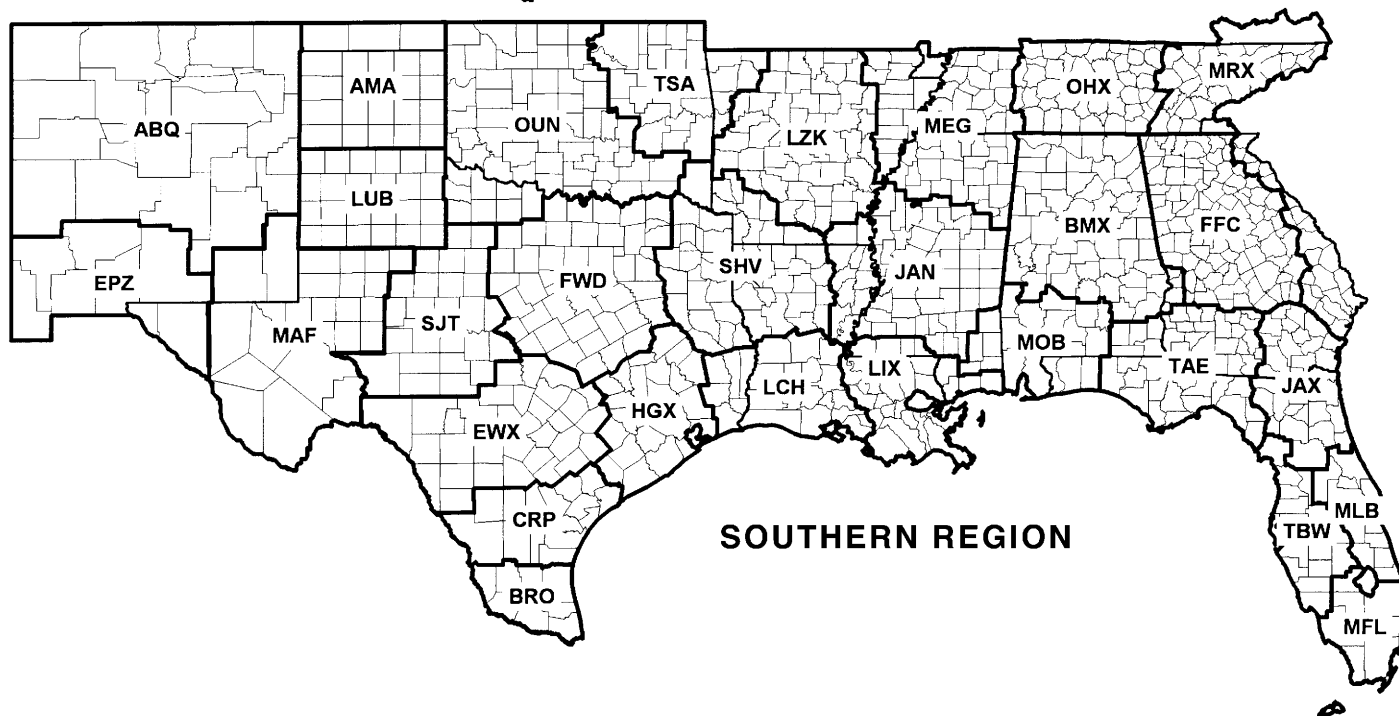
(F0+F1) Weak Tornado
(F2+F3) Strong Tornado
(F4+F5) Violent Tornado



COUNTY WARNING & FORECAST AREAS - MODERNIZED NWS

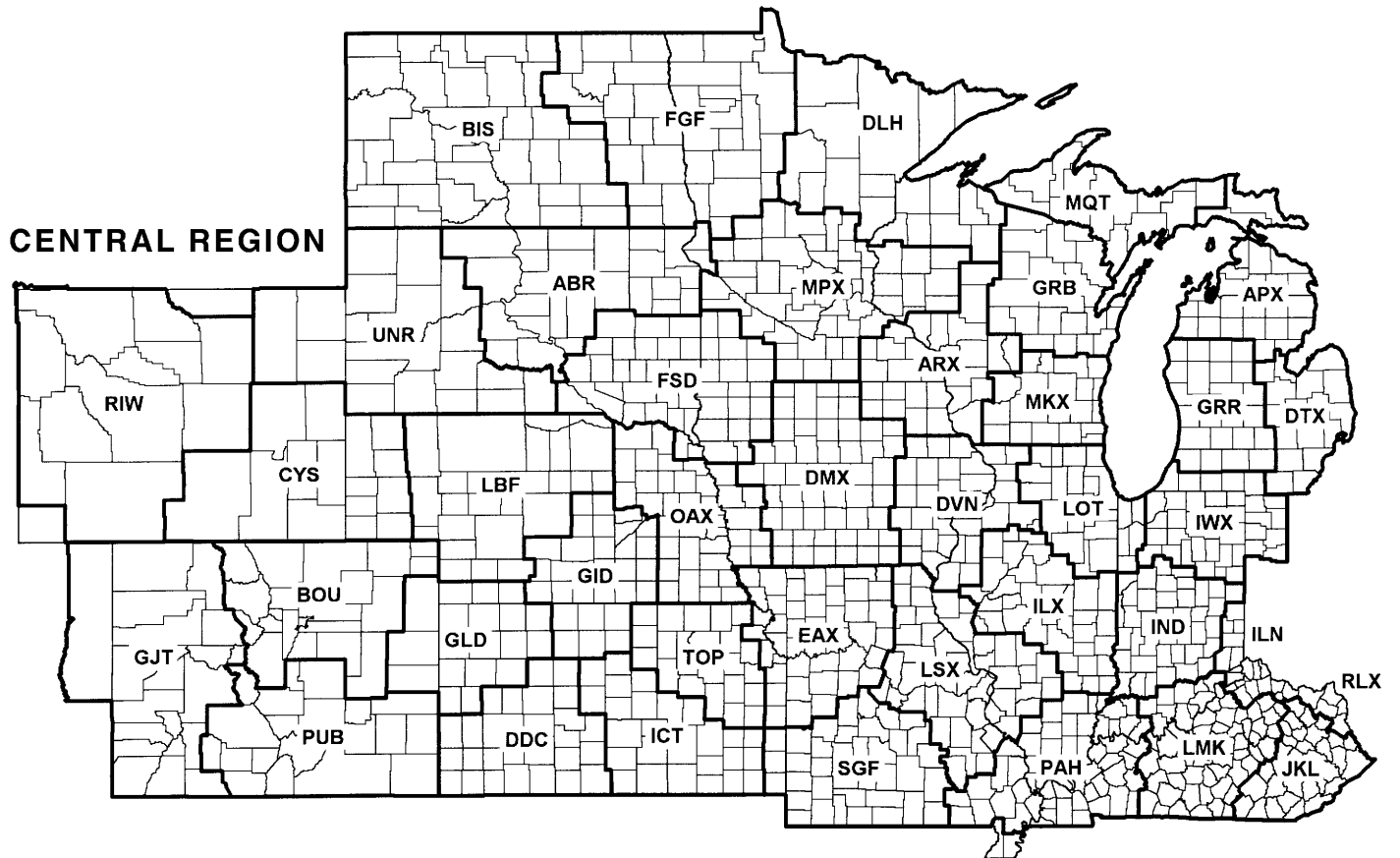
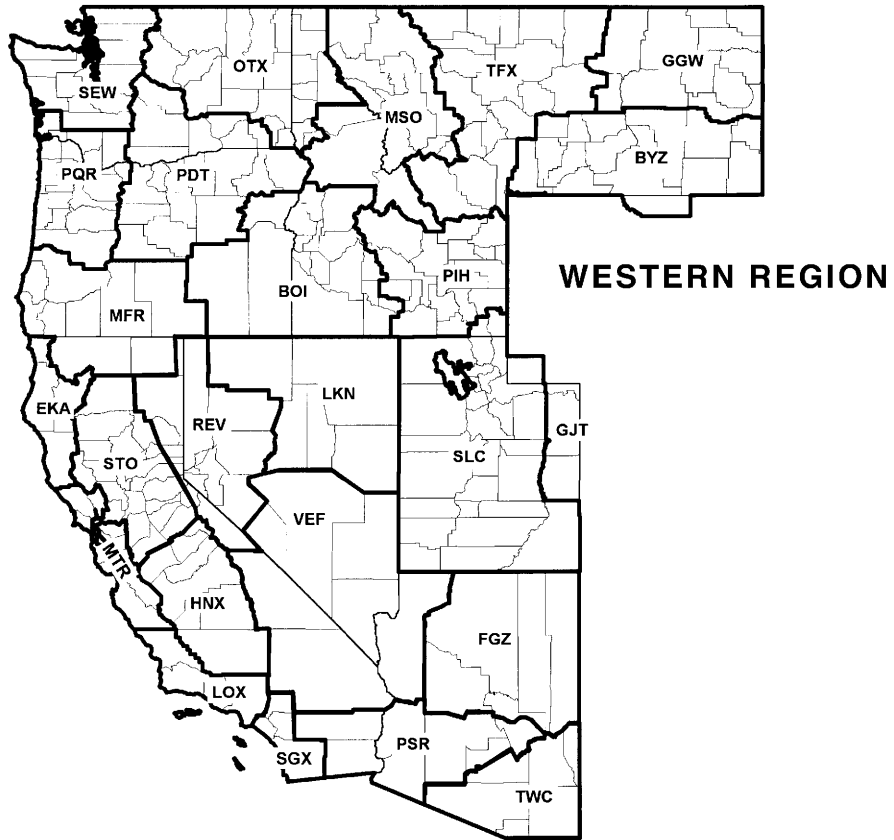


EASTERN REGION

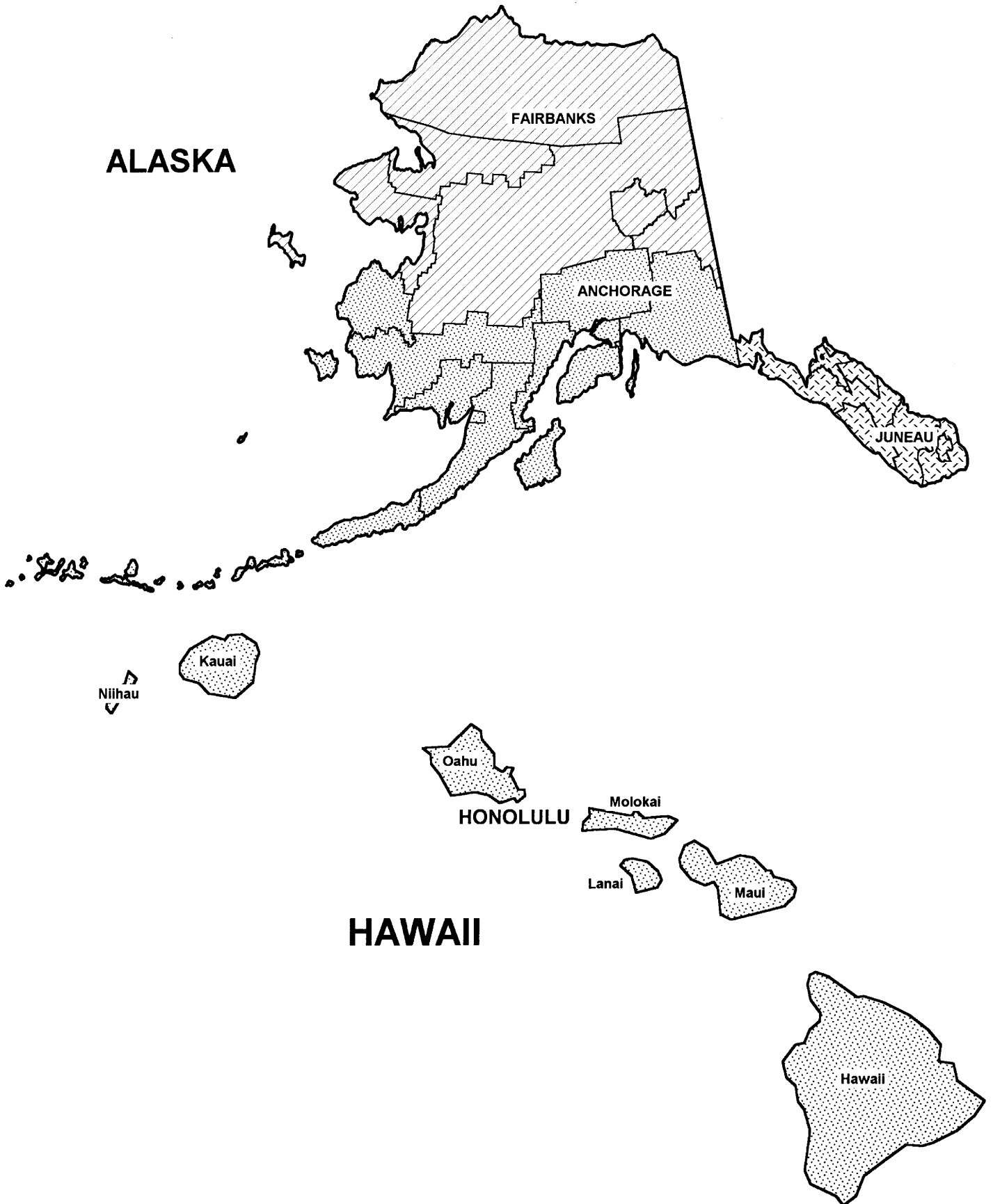


SOUTHERN REGION

COUNTY WARNING & FORECAST AREAS - MODERNIZED NWS



MODERNIZED COUNTY WARNING AREAS



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