

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Pickens County									
Aliceville to Gordo	08	1510CST 1535CST			0	0	300K	0	Thunderstorm Wind (G65)
A line of thunderstorms moved through Pickens County and produced wind damage generally across the eastern and southern parts of the county. Trees and power lines were blown down around Aliceville and Reform. Structural damage was reported to the Winn Dixie in Aliceville. Three chicken houses were destroyed just northeast of Gordo and hundreds of chickens were killed. Two airport hangars were destroyed north of Gordo. No injuries were reported.									
Tuscaloosa County									
Tuscaloosa	08	1550CST 1610CST			0	1	5K	0	Thunderstorm Wind (G55)
Several trees and power lines were blown down across the city of Tuscaloosa and also near Lake Tuscaloosa. One person suffered minor injuries when hit by a falling tree.									
ALZ001									
Lauderdale									
	08	1555CST			0	0	3K	0	High Wind (G45)
One large tree was blown over and several large limbs were broken off when gusty winds moved through Florence.									
Franklin County									
Spruce Pine	08	1610CST			0	0	25K	0	Thunderstorm Wind (G60)
Three homes sustained shingle damage as thunderstorm winds moved across southern Franklin County. Four barns received varying degrees of siding damage.									
Walker County									
Nauvoo	08	1705CST			0	0	10K	0	Thunderstorm Wind (G55)
Several trees were blown down and one roof was blown off a mobile home.									
ALZ006									
Madison									
	17	1600CST			0	0	0	0	Excessive Heat
The afternoon high temperature measured at the Huntsville International Airport was 88 degrees. This temperature broke the previous record high of 87 degrees set in 1977.									
ALZ006									
Madison									
	18	1600CST			0	0	0	0	Excessive Heat
The high temperature observed at the Huntsville International Airport was 89 degrees. This temperature established a new record high breaking the previous record of 85 degrees set in 1977.									
ALZ044									
Montgomery									
	19	1600CST			0	0	0	0	Excessive Heat
The afternoon high temperature recorded at Dannelly Field was 88 degrees. This temperature equaled the previous record set in 1995.									
ALZ024									
Jefferson									
	19	1600CST			0	0	0	0	Excessive Heat
The afternoon high temperature measured at the Birmingham International Airport was 88 degrees. This temperature broke the previous record of 87 degrees set way back in 1915.									
ALZ024									
Jefferson									
	20	1600CST			0	0	0	0	Excessive Heat
The high temperature observed at the Birmingham International Airport was 88 degrees. This temperature tied the previous record last set in 1987.									
Jackson County									
Rosalie	28	1655CST			0	0	0	0	Hail(1.00)
Quarter size hail was reported between Rosalie and Flat Rock in eastern Jackson County.									
Dekalb County									
Ider	28	1700CST			0	0	4K	0	Hail(1.75)
Golf ball size hail was observed in Ider.									
Madison County									
Hazel Green	28	1826CST			0	0	0	0	Hail(0.75)
Dime size hail fell in Hazel Green.									
Madison County									
New Market	28	1828CST 1841CST			0	0	3K	0	Hail(1.50)

Storm Data and Unusual Weather Phenomena

April 2002

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									
Quarter size to one and one half inch diameter size hail was observed in and around the city of New Market.									
Limestone County Ardmore	28	1829CST 1835CST			0	0	0	0	Hail(1.00)
Nickel to quarter size hail was reported in and around the city of Ardmore.									
Jackson County 2 N Garth to Skyline	28	1900CST 1920CST			0	0	3K	0	Hail(1.75)
Quarter to golf ball size hail was observed from the Madison County line just north of Garth to Skyline.									
Madison County 3.5 E Meridianville	28	1925CST			0	0	25K	0	Thunderstorm Wind (G50)
A large tree was blown over and landed on a mobile home. No injuries were reported.									
Limestone County Athens	28	1937CST			0	0	0	0	Hail(0.75)
Dime size hail was observed in and around the city of Athens.									
Limestone County Athens	28	1940CST			0	0	0	0	Funnel Cloud
A funnel cloud was reported near Athens. The funnel quickly dissipated and did not touch down at this location.									
Jackson County Scottsboro	28	1940CST 1945CST			0	0	12K	0	Hail(2.75)
Quarter to baseball size hail was reported in and around the city of Scottsboro. A few large trees were also uprooted.									
Dekalb County Sylvania	28	1945CST			0	0	0	0	Hail(0.75)
Dekalb County Sylvania	28	1945CST			0	0	5K	0	Lightning
Three quarter inch diameter size hail fell in Sylvania. One home suffered minor fire damage when it was struck by lightning.									
Limestone County 3 E Mooresville to 6 ENE Mooresville	28	1953CST 2009CST			0	0	0	0	Hail(1.00)
Madison County Madison to Huntsville	28	1956CST 2009CST			0	0	5K	0	Hail(1.75)
Dime to golf ball size hail fell all around the Huntsville metropolitan area. Hail reports began in extreme southeast Limestone County in the City of Madison and extended across much of Huntsville. City of Madison actually falls in both Limestone and Madison counties.									
Dekalb County Mentone	28	2010CST			0	0	0	0	Hail(1.00)
Quarter size hail was observed in Mentone.									
Limestone County 7 S Ardmore	28	2015CST			0	0	0	0	Hail(0.75)
Dime size hail was reported near the Pisgah community, south of Ardmore on SR 251.									
Dekalb County Ft Payne	28	2021CST			0	0	0	0	Hail(0.75)
Penny size hail was reported in Fort Payne.									
Madison County Huntsville	28	2025CST			0	0	5K	0	Hail(1.75)
Golf ball size hail was reported across the southern parts of the city of Huntsville.									
Etowah County Gadsden to Glencoe	28	2029CST 2035CST			0	0	5K	0	Hail(1.75)
Nickel to golf ball size hail was observed from Gadsden to Glencoe									
Calhoun County Piedmont	28	2045CST			0	0	0	0	Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

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									
Quarter size hail fell in the city of Piedmont.									
Cleburne County 5 NW Fruithurst	28	2115CST			0	0	0	0	Hail(0.75)
Penny size hail was reported northwest of Fruithurst near the Talladega National Forest.									
St. Clair County Moody to Branchville	28	2205CST 2210CST			0	0	0	0	Hail(0.75)
St. Clair County Moody to Branchville	28	2205CST 2210CST			0	0	15K	0	Thunderstorm Wind (G55)
Several trees and power lines were blown down from east of Argo to Branchville to Moody. Penny size hail was also reported with this storm.									
Calhoun County Ohatchee	28	2230CST			0	0	8K	0	Thunderstorm Wind (G50)
Several trees and power lines were knocked down in the Ohatchee area.									
Talladega County 6.8 SE Childersburg	28	2310CST			0	0	0	0	Hail(0.75)
Dime size hail was observed in Oak Grove.									
Randolph County Roanoke	28	2350CST			0	0	0	0	Hail(0.75)
Randolph County Roanoke	28	2350CST			0	0	75K	0	Thunderstorm Wind (G65)
Several trees and power lines were blown down, a few radio towers were knocked down, and several windows were blown out of businesses in the Roanoke area. Dime size hail was also reported with this storm.									
Randolph County Roanoke	29	0020CST			0	0	50K	0	Thunderstorm Wind (G75)
Damaging thunderstorm winds moved through the city of Roanoke. One large police communications tower was blown down and landed on a police vehicle. Several trees and power lines were knocked down around the city. A large plate glass window was blown out of the local Ford dealers showroom.									
Jefferson County Birmingham	29	0042CST			0	0	8K	0	Thunderstorm Wind (G50)
A few trees were knocked down and one of these trees landed on a house in north Birmingham. No injuries were reported.									
Jefferson County Argo	29	0100CST			0	0	0	0	Hail(0.88)
Nickel size hail was observed in Argo.									
Marion County Hamilton	30	0126CST 0130CST			0	0	0	0	Hail(0.88)
Dime to nickel size hail was reported around Hamilton.									
Franklin County Russellville	30	0820CST			0	0	0	0	Hail(0.88)
Nickel size hail was observed in Russellville.									
Cullman County Fairview	30	0820CST 0825CST			0	0	0	0	Hail(0.75)
Dime size fell in Fairview and the hail covered the ground in a few spots.									
Lawrence County Mt Hope	30	0831CST			0	0	0	0	Hail(0.75)
Dime size hail was reported near Mt. Hope.									
Calhoun County De Armanville	30	0849CST			0	0	0	0	Hail(0.75)
Dime size hail fell in the De Armanville community.									

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Blount County									
4.8 SE Oneonta	30	0850CST			0	0	0	0	Hail(1.00)
Quarter size hail was reported near Highland Lake.									
Etowah County									
Altoona	30	0855CST			0	0	0	0	Hail(0.75)
Penny size hail fell near Altoona.									
St. Clair County									
Ashville	30	0900CST			0	0	5K	0	Hail(1.75)
Golf ball size hail was observed 3 miles north of US 231 between Steele and Ashville.									
Colbert County									
Sheffield	30	0949CST			0	0	0	0	Hail(0.75)
Dime size hail was reported near Sheffield.									
Autauga County									
Autaugaville	30	1241CST			0	0	0	0	Hail(0.75)
Dime size hail fell just south of Autaugaville.									
Lamar County									
Vernon	30	1311CST			0	0	0	0	Hail(0.75)
Dime size hail was observed in Vernon.									
Lowndes County									
5 NE Lowndesboro	30	1315CST			0	0	0	0	Hail(1.00)
Quarter size hail was reported north of Lowndesboro near the Robinsons and Burkville communities.									
Lamar County									
Crossville	30	1318CST			0	0	0	0	Hail(1.00)
Quarter size hail was observed near Crossville.									
Montgomery County									
Montgomery	30	1330CST			0	0	0	0	Hail(0.75)
Dime size hail was reported in Montgomery near Dannelly Field.									
Montgomery County									
Snowdoun	30	1350CST			0	0	3K	0	Hail(1.25)
Half dollar size hail fell across west central Montgomery County.									
Bullock County									
5 SW Union Spgs	30	1450CST			0	0	0	0	Hail(1.00)
Quarter size hail fell in the Almeria community, southwest of Union Springs.									
Jefferson County									
Countywide	30	1500CST 1900CST			0	0	50K	0	Flash Flood
Several local creeks and streams rose above bankfull across the county. Many roads were flooded and temporarily impassible.									
Bullock County									
Perote to 4 SE Perote	30	1525CST			0	0	2K	0	Hail(1.00)
Quarter size hail was reported near the Jamback community, southeast of Perote. Additional hail reports were received from the Perote area.									
Barbour County									
11 SW Clayton to 8 NE Bakerhill	30	1535CST 1605CST			0	0	15K	0	Hail(2.75)
A supercell thunderstorm moved across Barbour County producing very large hail and some tree damage. Dime to baseball size hail fell along the path of the storm. Many locations reported accumulations of hail on the ground. Several trees were also blown down and many trees received damage from the large hail. This was the same storm that produced the F0 tornado south of Clayton.									
Barbour County									
3.1 NNE Texasville to 3.3 NE Texasville	30	1557CST	1.5	25	0	0	0	0	Tornado (F0)
A weak tornado touched down briefly in open country downing several trees. The tornado occurred north of SR 131 and just west of CR 67. Begin: 31 45.574/85 24.727 End: 31 45.113/85 23.243									

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Lamar County									
Millport	30	1600CST			0	0	0	0	Hail(0.75)
Dime size hail was reported in the town of Millport.									
Pickens County									
Reform	30	1605CST			0	0	5K	0	Hail(1.75)
Dime to golf ball size hail was observed in and near Reform.									
Tuscaloosa County									
9 W Fosters to 5 SE Duncanville	30	1620CST 1703CST			0	0	400K	0	Hail(2.75)
A supercell thunderstorm moved across southern Tuscaloosa County causing considerable damage. The storm dropped hail from pea to baseball size. The hail fell across the southern areas of Tuscaloosa, Fosters, Ralph, Taylorville, and Duncanville. In the city of Tuscaloosa, one business, 22 apartment buildings, and 122 homes were damaged from the large hail. Across the southern parts of the county, numerous trees and power lines were blown down and many areas were temporarily without power. No injuries were reported.									
Hale County									
4 E Moundville	30	1658CST			0	0	3K	0	Hail(1.75)
Golf ball size hail fell across extreme northeast Hale County, east of Moundville.									
Walker County									
Countywide	30	1700CST 1830CST			0	0	8K	0	Flash Flood
Heavy rainfall in a short period of time caused some flooding across Walker County. Many areas had standing water on roads and yards. A few streets were temporarily impassable due to high water. A few local creeks briefly rose out of their banks.									
Perry County									
8 NW Heiberger	30	1720CST			0	0	5K	0	Hail(1.75)
Dime to golf ball size hail fell across extreme northern Perry County just north of North Perry. The hail fell in a rural area but crossed CR 29.									
Bibb County									
8 SW Brent	30	1722CST			0	0	0	0	Hail(1.75)
Dime to golf ball size hail was reported in extreme southwest Bibb County near the National Forest.									
Pike County									
Troy	30	1845CST			0	0	0	0	Funnel Cloud
A funnel cloud was reported just west of Troy.									
Limestone County									
3 S Ardmore	30	2205CST			0	0	0	0	Hail(0.88)
Nickel size hail was observed just south of Ardmore. One home suffered minor roof damage from the thunderstorm winds.									
Madison County									
Toney	30	2214CST			0	0	3K	0	Hail(1.00)
Quarter size hail was reported just north of Toney. A few trees were also blown down in this location.									
Madison County									
Meridianville	30	2228CST			0	0	0	0	Hail(0.75)
Dime size hail was reported in Meridianville.									
Madison County									
Moores Mill	30	2238CST			0	0	0	0	Hail(0.88)
Nickel size hail was observed in Moores Mill.									
Madison County									
New Market	30	2240CST			0	0	3K	0	Hail(1.75)
Golf ball size hail fell in New Market.									

ALABAMA, Southeast

Henry County									
Abbeville	30	1735EST			0	0			Hail(1.75)
Numerous reports of golfball size hail by the Henry County Sheriff.									

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>ALABAMA, Southwest</u>									
Baldwin County									
Daphne	03	1540CST 1543CST			0	0			Hail(1.00)
Baldwin County									
Daphne	03	1540CST 1545CST			0	0			Hail(1.00)
Washington County									
Chatom	08	1610CST 1612CST			0	0	10K		Thunderstorm Wind (G55)
Trees and power lines were blown down near Chatom as a line of thunderstorms moved through the area.									
Washington County									
Fairford	08	1705CST 1707CST			0	0	25K		Thunderstorm Wind (G55)
Trees were blown down as a line of thunderstorms moved through Fairford. Part of a roof was also blown off a home. A vehicle was also damaged by the fallen trees.									
Baldwin County									
Fairhope	08	1925CST 1927CST			0	0	15K		Thunderstorm Wind (G55)
Trees were blown down and a travel trailer was turned over from high winds as a line of thunderstorms moved through the area.									
Clarke County									
Jackson to Grove Hill	29	1425CST 1430CST			0	0			Hail(1.75)
Golfball to quarter size hail fell between Jackson and Grove Hill. No damage was reported from the hail.									
Choctaw County									
Needham	29	1455CST 1500CST			0	0	10K		Thunderstorm Wind (G55)
Trees and power lines were blown down by high thunderstorm winds near Needham. Golfball size hail was also reported in the area									
Monroe County									
Monroeville	29	1500CST 1503CST			0	0	8K		Thunderstorm Wind (G50)
Trees were blown down near Monroeville as thunderstorms moved through the area. Nickel size hail was also reported near Bermuda.									
Conecuh County									
Castleberry	29	1510CST 1512CST			0	0	7K		Thunderstorm Wind (G50)
Trees were blown down near Castleberry as thunderstorms moved through the area.									
Escambia County									
Dixie	29	1530CST 1532CST			0	0	7K		Thunderstorm Wind (G50)
Trees were blown down near Dixie as thunderstorms moved through the area.									
<u>ALASKA, Northern</u>									
AKZ204									
Eastern Beaufort Sea Coast									
	05	0815AST 2035AST			0	0			Blizzard
Blizzard conditions developed along the Eastern Beaufort Sea Coast as a cold front moved through the area from the north. This front was associated with a deepening low pressure system that developed over the Arctic Ocean and moved southeast towards Canada. Strong winds occurred along the frontal zone creating areas of blowing snow that reduced visibilities to near zero at the Barter Island AWOS site.									
AKZ204									
Eastern Beaufort Sea Coast									
	08	1755AST 1855AST			0	0			Blizzard
Blizzard conditions occurred briefly as a weakening occluded front moved eastward along the northwest coast. Gusty winds during frontal passage help create areas of blowing snow reducing the visibility at the Barter Island AWOS site to near zero									

Storm Data and Unusual Weather Phenomena

April 2002

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

ALASKA, Northern

AKZ207	Chukchi Sea Coast	12	0901AST 1053AST		0	0			Blizzard
---------------	--------------------------	-----------	----------------------------	--	----------	----------	--	--	-----------------

During the passage of a warm front local areas of snow and blowing snow developed along the Chukchi Sea Coast. Blizzard conditions were briefly met at Kivalina as the front passed.

AKZ216-218	Lower Koyukuk Middle Ykn Vlys - S. Slopes Of Ern Brooks Range	16	0730AST 1900AST		0	0			Heavy Snow
-------------------	--	-----------	----------------------------	--	----------	----------	--	--	-------------------

AKZ207-209>214	Chukchi Sea Coast - Baldwin Pen. & Selawik Valley - Nrn & Intr. Seward Peninsula - Srn Seward Peninsula Coast - Ern Norton Sound Nulato Hills - St Lawrence Is. Bering Strait - Yukon Delta	16	1355AST 0015AST		0	0			Blizzard
--------------------------	--	-----------	----------------------------	--	----------	----------	--	--	-----------------

AKZ225	Denali	17	0837AST 2137AST		0	2			High Wind (G55)^M
---------------	---------------	-----------	----------------------------	--	----------	----------	--	--	------------------------------------

A 982 mb low pressure system and associated frontal system moved from the Pribilof Islands northeast across Norton Sound on the morning of the 17th, across northwest Alaska the night of the 17th, and offshore of the eastern Arctic Coast on the morning of the 18th.

The warm front portion of the frontal system produced heavy snow over western and northern Alaska, and strong winds through Windy Pass of the central Alaska Range. While Blizzard conditions occurred over St. Lawrence Island, 2 direct injuries occurred: a 74-year old man became stranded while riding his snowmobile; he dug and snow cave for shelter and had supplies to last him the several days until rescuers found him. He was in good health but suffered from dehydration. During the Search and Rescue effort for this man, six of the rescuers lost radio contact and failed to return to their base of operations. Four of them returned on the night of the 16th, and the other two were found the morning of the 17th. One of these men suffered from frostbite on his hands and feet.

Blizzard conditions occurred at:
 Zone 207 - Point Hope
 Zone 209 - Kotzebue, Selawik
 Zone 210 - Buckland, Deering;
 Zone 211 - Nome, Golovin;
 Zone 212 - Unalakleet;
 Zone 213 - Savoonga, Tin City where wind gusts reached 51 knots (59mph);
 Zone 214 - Emmonak

Heavy snow occurred at:
 Zone 216 - Kaltag - the Co-op observer reported 6 inches of new snow in the 24 hours ending at 730 am on the 17th;
 Zone 217 - Ambler High School reported 9 to 10 inches of new snow in the 24 hours ending at 200 pm on the 18th;
 Zone 218 - The Co-op observer at Wiseman reported 10 inches of new snow in the 24 hours ending 8pm on the 17th;

High Wind occurred at Healy (Zone 225), where the weather observer recorded a peak gust of 63 mph .

AKZ217	Upper Kobuk And Noatak Vlys	17	1400AST 18		0	0			Heavy Snow
---------------	------------------------------------	-----------	-----------------------	--	----------	----------	--	--	-------------------

A strong low pressure system moved across Norton Sound and into the Upper Kobuk and Noatak Valleys. This system brought with it significant moisture producing areas of heavy snow. The high school principle at Ambler reported that 9 to 10 inches of new snow had fallen over a 24 hour period.

AKZ223-225	Deltana And Tanana - Denali	18	0847AST 2153AST		0	0			High Wind (G49)^M
-------------------	------------------------------------	-----------	----------------------------	--	----------	----------	--	--	------------------------------------

As a ridge of high pressure developed south of the Alaska Range, a moderate pressure gradient developed between it, and a weakening warm front north of the mountains. This pressure differential, couple with the channelling effects of the mountain passes, helped produce high winds through the Alaska Range. During this event the weather observer in Healy reported wind gusts up to 42 knots (48 mph) while the ASOS site in Delta reported a peak wind of 49 knots (56 mph).

AKZ221>222	Wrn Tanana Vly Wrn Yukon Vly - Middle Tanana Valley	18	2300AST 20		0	0			Heavy Snow
----------------------	--	-----------	-----------------------	--	----------	----------	--	--	-------------------

A narrow band of heavy snow fell along a stationary front which extended from the western Alaska Range to east of Fairbanks

Storm Data and Unusual Weather Phenomena

April 2002

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

ALASKA, Northern

The Co-Op observer at Ester Dome (Zone 222) reported a 24 hour snowfall of 8.1 inches, while the Co-op observer at Lake Minchumina reported 6 inches of new snow.

AKZ213

St Lawrence Is. Bering Strait

18 2355AST
19 0015AST

0 0

Blizzard

A 992mb low moved east across the Bering Sea producing a strong easterly pressure gradient and associated high winds across St Lawrence Island. The high winds, combined with snowfall that was also attributed to the low pressure system helped create blizzard conditions at Gambell.

AKZ214

Yukon Delta

19 0855AST
1355AST

0 0

Blizzard

Blizzard conditions developed at Cape Ramonzo as the pressure gradient strengthened around a 994mb low located over the eastern Bering Sea. Strong winds around this low, along with snowfall, resulted in blowing snow that reduced the visibility at Cape Ramonzo to zero.

AKZ214

Yukon Delta

20 1055AST
1955AST

0 0

Blizzard

After a short reprieve of less than 24 hours, blizzard conditions once again developed around Cape Ramonzo as a 997mb low and associated cold front moved onshore. Snow along the frontal boundary, combined with strong winds produced blowing snow that reduced the visibility to zero at the Cape Ramonzo AWOS weather reporting site.

AKZ223-226

Deltana And Tanana - Ne. Slopes Of The Ern Ak Rng

21 0750AST
1900AST

0 0

Heavy Snow

AKZ224

Upr Tanana Vly Fortymile

21 1053AST
1153AST

0 0

Blizzard

As a cold front moved in from the west, heavy snow developed over the Deltana and Tanana Flats and along the northeast slopes of the eastern Alaska Range. Strong southwesterly flow behind the cold front brought in abundant moisture from the Bering Sea. This, coupled with the effects of the front and upslope conditions caused by local terrain were enough to produce reports of 6 inches of new snow at Whitestone Farms near Delta Junction, and 12 inches at the Black Rapids Military training Center. Blizzard conditions occurred briefly at Northway at the time of the Cold Front passage.

AKZ201>203-207-213-220 **Western Arctic Coast - Northern Arctic Coast - Central Beaufort Sea Coast - Chukchi Sea Coast - St Lawrence Is. Bering Strait - Yukon Flats Nearby Uplands**

25 0455AST
27 1200AST

0 0

High Wind (G65)^M

AKZ218-221>222

S. Slopes Of Ern Brooks Range - Wrn Tanana Vly Wrn Yukon Vly - Middle Tanana Valley

25 0700AST
27 0700AST

0 0

Heavy Snow

AKZ201>203-207>209-213>214-220-222 **Western Arctic Coast - Northern Arctic Coast - Central Beaufort Sea Coast - Chukchi Sea Coast - Lower Kobuk & Noatak Valleys - Baldwin Pen. & Selawik Valley - St Lawrence Is. Bering Strait - Yukon Delta - Yukon Flats Nearby Uplands - Middle Tanana Valley**

25 0735AST
27 1200AST

0 0

Blizzard

A strong and large storm (974 mb) moved northeast across Russia Far East late on the 25th through the morning of the 26th, across the Chukchi Sea on the 26th, continued east across the southern Arctic Ocean to a point north of Prudhoe bay on the morning of the 27th. The warm front of this system moved across western Alaska the night of the 25th and across the interior of Alaska on the 26th. The cold front moved over western Alaska the morning of the 26th and across the interior the afternoon and evening of the 26th, remaining north of Fairbanks and McGrath. Strong southwesterly flow associated with this system and the circulation around it brought a variety of winter weather and strong winds to much of northern Alaska.

Blizzard Conditions were reported at:

- Zone 201 - Point Lay
- Zone 202 - Barrow
- Zone 203 - Deadhorse, Nuiqsut
- Zone 207 - Shishmaref
- Zone 208 - Red Dog Mine
- Zone 209 - Kotzebue, Selawik
- Zone 213 - Savoonga, Tin City
- Zone 214 - Saint Marys

Storm Data and Unusual Weather Phenomena

April 2002

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

ALASKA, Northern

Zone 220 - 12 Mile Summit of the Steese Highway

Zone 222 - A citizen phoned in a report of 1/8 mile visibility along Chena Ridge the night of the 25th. This likely occurred intermittently especially along even higher terrain in the zone, through the morning of the 27th

Heavy Snow was reported at:

Zone 218 - The Alaska Department of Transportation Camp at Chandalar Shelf reported 19 inches of new snow in a 48 hour period.

Zone 221 - The Alaska Department of Transportation reported 12 inches of new snow on the Elliott Highway near Manley Hot Springs, causing a temporary closure of the highway.

Zone 222 - Nine Co-op observers reported snowfalls exceeding 6 inches in 24 hours were reported, the greatest being 15 inches at the Ester Dome Co-op site. 6.4 inches of new snow fell at Fairbanks Airport - the third highest April snowfall in 97 years of record.

High Winds were reported at:

Zone 201 - Cape Lisburne AWOS: gusts to 67 mph;

Wainwright ASOS: gusts to 65 mph (57 knots);

Point Lay AWOS: gusts to 59 mph (51 knots);

Zone 202 - Barrow ASOS: gusts to 59 mph (51 knots);

Zone 203 - Deadhorse ASOS: gusts to 55 mph (48 knots)

Nuiqsut ASOS: gusts to 58 mph (50 knots)

Zone 207 - Shishmaref AWOS: gusts to 70 mph (61 knots)

Zone 213 - Savoonga AWOS: gusts to 75 mph (65 knots)

Zone 220 - Eagle Summit RAWs (Steese Highway: gusts to 43 knots (50mph);

Alaska Department of Transportation estimated winds 55 mph over 12 Mile Summit (Steese Highway)

AKZ225

Denali

27 0900AST
28 0900AST

0 0

Heavy Snow

Heavy snow fell at the Denali Park Headquarters as a slow moving cold front became stationary across the region. Southwest flow brought moisture from the Bering Sea over this boundary resulting in a steady rate of snowfall. A storm total of 10 inches was reported by the Park Headquarters Co-Op weather site.

AKZ201>203

Western Arctic Coast - Northern Arctic Coast - Central Beaufort Sea Coast

29 1630AST
30 2359AST

0 0

Blizzard

AKZ201-203

Western Arctic Coast - Central Beaufort Sea Coast

30 1353AST
2359AST

0 0

High Wind (G45)^M

Blizzard conditions developed along the Arctic Coast as a frontal system south of the Brooks Range drifted north while high pressure over the Arctic Ocean strengthened. This caused strong northeast winds to develop along with a snowfall.

Blizzard conditions occurred at :

Zone 201: Wainwright (ASOS wind gust up to 51 mph (44 knots));

Zone 202: Barrow

Zone 203: Nuiqsut (ASOS wind gust to 52 mph (45 knots)), Deadhorse, and Kuparuk.

Event continued into May 2002.

AKZ222

Middle Tanana Valley

30 1200AST
2359AST

0 0

Flood

Heavy rains during the 25th to 27th on an existing snowpack in the area created high runoff beginning on the 30th. This caused the Chatanika River where it flows along the Steese Highway north of Fairbanks to cause the road at mile 47 to wash out, closing the highway for several days. The combined rainfall and melted snow amount at Fairbanks from the 25th through the 29th totaled 2.26 inches. The total April liquid precipitation was 2.99 inches, nearly 15 times above the average amount for April. Event continued into May 2002.

AKZ222

Middle Tanana Valley

30 2045AST
2135AST

0 0

115K

High Wind (G43)^M

An occlusion moved east across the Middle Tanana Valley bringing brief strong winds to the greater Fairbanks area. Although the Fairbanks Airport only reported gusts as high as 38 mph, various damage occurred. Eielson Air Force Base reported gusts to 50 mph.

The windstorm brought down some trees which knocked out some power lines in the areas of Rosie Creek, Badger Road, 15 mile Chena Hot Springs Road, and near Salcha...most of the homes were without power for several hours. In Fairbanks, at a boat shop a tree fell on and damaged a customer's boat, a large storage shed belonging to the Yukon-Koyukuk school district was destroyed,

Storm Data and Unusual Weather Phenomena

April 2002

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

ALASKA, Northern

being lifted up by the wind and then set down on a delivery van and some adjacent vehicles belonging to a kitchen distribution company located next door to the School District shed. The rain that accompanied the front ended up damaging goods that had been covered by the shed, including 1000 pairs of donated roller skates which had been slated to be shipped to various villages in the school district. Damages estimates include \$60,000 for the shed, \$30,000 for the shed contents, and \$25,000 for damage to 5 vehicles.

ALASKA, Southeast

AKZ025

Juneau Borough-Eastern Chichagof-Admiralty Island

04	2300AST								
05	1300AST				0	0	10K		High Wind (G58)^M

A northeasterly downslope wind event occurred on these dates in downtown Juneau and Douglas. The notorious "Taku winds" measured as high as 67 mph at the South Douglas Island mesonet site (9' ASL). An anemometer on the Juneau Federal Building (85' ASL) measured a peak wind gust to 58 mph. High elevation peak wind readings included the Eagle Crest Ski Resort sensor (2624' ASL) at 86 mph and Sheep Mountain (3542' ASL) at 101 mph. A roof was blown off a shed in Douglas. Other minor damage was also reported.

ALASKA, Southern

AKZ101

Anchorage Muni To Bird Creek

01	0900AST								
	2100AST				2	0			Avalanche

3 men snowshoeing in the mountains adjacent to Eagle River were caught in an avalanche. One escaped.
M44OU, M26OU

AKZ111

Matanuska Valley

02	2200AST								
04	0400AST				0	0			High Wind (G59)^M

Gusty northeast "Matanuska" winds to 67 mph were recorded at the Wasilla Fire Station. Winds below 10 mph were reported just prior to the onset of 60+ mph gusts at 12:30 am ADT, however gusts approaching 60 mph were recorded early Wednesday evening. At 5 am Thursday, gusts briefly reached 68 mph.

AKZ111

Matanuska Valley

03	1100AST								
04	2200AST				0	0			High Wind (G58)^M

Strong northeast "Matanuska" winds were observed around the Wasilla/Palmer area Wednesday and Thursday. Gusts peaked at 67 mph between midnight and 12:30 am AST Thursday. Strong northeast winds were also reported around Palmer. Visibilities at the Palmer airport were reported as low as 2 miles in blowing dust.

AKZ191

Western Aleutians

13	1521AST								
	2109AST				0	0			High Wind (G58)^M

A 982 mb low moved into the extreme western Bering Sea from a position just east of the Kamchatka Peninsula Saturday. Gusty southwesterly winds were observed on the southeast quadrant of the low. Gusts reached 67 mph at Adak and 66 mph at Shemya. At Atka, peak winds only reached 47 mph from the system.

AKZ185

Eastern Aleutians

14	1700AST								
	2000AST				0	0			High Wind (G62)^M

A frontal system, associated with a moderate 986 mb low northwest of the Pribilofs Sunday, brought gusty westerly winds to the Unalaska/Dutch Harbor area. Peak gusts out of the west reached 71 mph around Dutch Harbor between 6 pm AST and 9 pm AST Sunday. Winds diminished below 60 mph after 9 pm AST Sunday.

AKZ145

Susitna Valley

18	0000AST								
19	0400AST				0	0			Heavy Snow

AKZ101

Anchorage Muni To Bird Creek

18	0500AST								
19	0400AST				0	0			High Wind (G84)^M

A moderate frontal system, moving into South Central Alaska, caused locally strong southeast wind around the Anchorage Municipality and areas of heavy snow in the Susitna Valley.

Storm Data and Unusual Weather Phenomena

April 2002

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

ALASKA, Southern

Wind gusts of 97 mph were reported at a remote upper elevation location known as Site Summit (near Alpenglow Ski area) around 9 am Thursday. Other reports of 69 mph gusts were received at Glen Alps, along the Upper Anchorage Hillside, late Thursday morning.

In the Susitna Valley, 1 - 1.5 feet of new snow fell in roughly a 24 hour or less interval around Talkeetna, Chulitna and Swan Lake.

AKZ155

Kuskokwim Delta

19	1400AST				0	0	Blizzard
	2100AST						

A 994 mb low moving north through the Bering Sea produced local blizzard conditions around the Kuskokwim Delta. Visibilities of 1/4 mile or less were reported around Hooper Bay, with 3/4 mile visibilities observed at Mekoryuk (on Nunivak Island). Blizzard conditions were very localized and not widespread.

AKZ111

Matanuska Valley

20	0000AST				0	0	Avalanche
	2359AST						

A weekend storm reportedly dumped more than 4 feet of snow on the mountains around Hatcher Pass, setting up three avalanches that close the road there Saturday. No injuries or property damage was reported, however three people from the Hatcher Pass Lodge got stuck when they tried to leave Saturday. They were taken out by snowmachine

AKZ145

Susitna Valley

20	0800AST				0	0	Heavy Snow
	1100AST						

Southerly winds aloft, associated with two low pressure systems in the eastern Bering Sea and Alaska, produced areas of heavy snow in the Susitna Valley. Reports around Petersville Road indicated close to 30" of snow 'hammered' the area. Lesser amounts were reported around Talkeetna and Skwentna...however snow at lower elevations rapidly melted as it fell.

AKZ125

Wrn P.W. Snd & Kenai Mtns

29	0000AST				0	0	10K	Flood
	2359AST							

The Sterling Highway was partially closed Monday afternoon after a section along the Blackwater Bend, near Milepost 160, became submerged under a foot of water. Flooding was primarily due to an already high Anchor River and accelerated snowmelt due to high freezing levels and very warm air at lower elevations.

AMERICAN SAMOA

Tutuila

Countywide

05	1800SST				0	0	Rip Currents
	0600SST						

Heavy swell generated by a strong low pressure far south of Samoa cause surf of 10 to 16 feet with occasional higher sets bounded south shores of Tutuila from Friday April 5 and through the whole weekend subsiding on Monday, April 8, 2002. The high surf effected the closure of various beaches due to strong rip currents and heavy surf especially from Avau to Fagaalu and from Lauli'i beach eastward. No major damages were reported except for some debris which were washed onto the roads at Matuu , Leloalua and Aua.

Tutuila

Countywide

18	1000SST				0	0	Rip Currents
	1800SST						

The high surf and heavy southerly swell began to affect south shores of the territory Wednesday, April 17 and was getting stronger by the hour with swell reaching heights of 8 feet in Pago Pago Harbour Thursday morning, April 18, 2002. The heavy swell caused the cancellation of the Long Boat race, which is the most attented activity of the Flag Day celebration. A bried turned of the winds Friday morning allowed the race to take place but in a much shorter track then it was planned. The high surf and heavy swell continued through April 29, 2002. The heavy swell and high surf was a combination of swell generated by a slow moving low pressure far south of the islands and brisk trades generated by a strong ridge of high pressure which persisted for almost two weeks just south of Samoa.

ASZ002

Tutuila

19	0800SST				0	0	50K	Flood
	1400SST							

Storm Data and Unusual Weather Phenomena

April 2002

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

AMERICAN SAMOA

Heavy showers caused widespread flooding across the territory marking one of the wettest Flag Day in recent memories. More than two inches of rainfall fell between 10 AM and Noon Friday, April 19, 2002 in the final and activity packed day of the Flag Day celebration of 2002. With the heavy runoff and showers, numerous land and mudslides occurred across Tutuila. The heavy showers let up in the afternoon as was predicted by the National Weather Service, and was a welcome break from the wet cool weather in the last few days. Between the 18th and the 20th, the Weather Service at Tafuna recorded 6.56 inches of rainfall in three days.

ARIZONA, Central and Northeast

AZZ015

Western Mogollon Rim

01 0000MST
30 2359MST

0 0

Drought

Drought conditions continued through out the month of April. Just over half of an inch (0.51) of rain fell early in the month which was 0.78 inches below normal (1.29). For the year, 1.22 inches of precipitation fell which is 7.43 inches below the normal of 8.65 inches. From September first to the end of April, 4.71 inches of precipitation fell which was 11.68 inches below the normal of 16.39 inches.

Apache County

Concho

07 1845MST

0 0

Hail(1.75)

An Apache County Sheriff's deputy reported golf ball (1.75 inch) sized hail on Highway 61 three miles southwest of Concho.

AZZ004>006

Kaibab Plateau - Marble Canyon And Glen Canyon - Grand Canyon Country

15 1605MST
1740MST

0 0

High Wind (G64)^M

A strong wind storm moved across northern Arizona on Tax Day. Trees were blown down on power lines in Fredonia, 3 trees blew down on Highway 89 east of Jacob Lake, numerous trees blew down on Forest Service Road 22, the Paria Point RAWS had a peak wind gust of 74 MPH and the Four Springs RAWS had a peak wind gust of 63 MPH. The Houserock RAWS had a peak wind gust of 71 MPH at 405 PM. The Tusayan RAWS had a peak wind gust of 59 MPH at 410 PM.

ARIZONA, Northwest

AZZ036

Lake Mead National Recreation Area

15 1300PST
1800PST

0 0 50K

High Wind (G55)

A strong low pressure system brought strong winds to many areas of the Lake Mead National Recreation area. Damage on the Arizona side included several trees down, damage to roofs and awnings, and windows broken in a park service vehicle.

AZZ003

Northwest Deserts

15 1400PST
1900PST

0 0 100K

High Wind (G54)

A strong low pressure system caused several porch covers to be destroyed along with several trees and powerlines down.

ARIZONA, South

AZZ029

Southeast Pinal County

06 1300MST
1600MST

0 0 40K

Dust Storm

A Low pressure system moving through Arizona caused gradients to tighten ahead of a cold front. A dust storm resulted from the strong winds and reduced visibilities along agricultural area on Arizona state road 87 near Coolidge. The reduced visibilities caused a 26 vehicle collision which included 19 passenger cars, 2 recreational vehicles, and 5 military vehicles

Santa Cruz County

Canelo

29 0800MST
30 2300MST

0 0 90K 0

Wild/Forest Fire

The Ryan fire was started by a campfire in Coronado National Forest at Canelo Hill on April 29th and continued through May 4th. The fire burned 38,800 acres with estimated total fire fighting cost of 1.2 million dollars. The fire burned one house and several outbuildings.

Storm Data and Unusual Weather Phenomena

April 2002

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

ARIZONA, Southwest

NONE REPORTED.

ARKANSAS, Central and North Central

Scott County

3 S Waldron

07 2130CST
08 0100CST

0 0

Flash Flood

Heavy rains caused flash flooding to occur along Highway 250, 3 miles south of Waldron. The highway was impassible for several hours due to the high water levels.

Drew County

10 SE Monticello

08 0130CST

0 0

Thunderstorm Wind (G50)

Thunderstorm winds blew down a large tree.

Ouachita County

Elliott

08 0400CST

0 0

Lightning

Lightning struck a couple of houses in the Elliott area. The houses caught on fire, with one house suffering minor damage and the other other totally destroyed.

Yell County

5 W Chickalah

08 1700CST

0 0

Hail(0.88)

Pope County

5 W Appleton

08 1710CST

0 0

Hail(0.75)

Yell County

3 S Centerville

08 1735CST

0 0

Hail(0.75)

Sharp County

Poughkeepsie

12 1408CST

0 0

Hail(1.00)

Independence County

4 E Oil Trough

13 1545CST

0 0

Hail(0.88)

Logan County

1 N New Blaine

16 1620CST

0 0

Hail(0.75)

Logan County

1 N New Blaine

16 1620CST

0 0

Thunderstorm Wind (G50)

Thunderstorm winds downed some large trees.

Yell County

Dardanelle

16 1625CST

0 0

Thunderstorm Wind (G50)

Thunderstorm winds knocked down several trees.

Pope County

12 S Tilly

16 1705CST

0 0

Hail(1.00)

Pope County

Tilly

16 1715CST

0 0

Hail(0.75)

Searcy County

8 SW Leslie

16 1755CST

0 0

Hail(0.75)

Searcy County

Harriet

16 1830CST

0 0

Thunderstorm Wind (G50)

Thunderstorm winds knocked down some road signs at Harriet.

Logan County

Ione

27 0930CST

0 0

Hail(1.75)

Sharp County

Cherokee Vlg

27 2320CST

0 0

Thunderstorm Wind (G50)

Thunderstorm winds knocked down a large tree.

Storm Data and Unusual Weather Phenomena

April 2002

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, Central and North Central</u>									
Fulton County									
10 SE Mammoth Spg	27	2324CST			0	0			Hail(1.75)
Sharp County									
Hardy	27	2335CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds blew down some large tree limbs.
Sharp County									
2 NE Williford	27	2338CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds knocked down several trees and power lines.
Sharp County									
2 NE Williford	27	2338CST			0	0			Hail(1.75)
Sharp County									
5 N Cave City	28	0015CST			0	0			Hail(0.75)
Sharp County									
5 N Cave City	28	0015CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds blew down some large tree limbs.
Scott County									
Abbott	29	0910CST			0	0			Hail(1.50)
Scott County									
Black Fork	29	0910CST			0	0			Hail(0.75)
Logan County									
Sugar Grove	29	0930CST			0	0			Hail(1.75)
Montgomery County									
3 NE Pine Ridge	29	0930CST			0	0			Hail(4.50)
Montgomery County									
4 S Mt Ida	29	0950CST			0	0			Hail(1.75)
Montgomery County									
Mt Ida	29	0959CST			0	0			Hail(0.88)
Montgomery County									
Mt Ida	29	1002CST			0	0			Hail(1.75)
Hot Spring County									
Bismarck	29	1110CST			0	0			Hail(1.75)
Clark County									
10 NW Caddo Vly	29	1120CST			0	0			Hail(1.00)
Hot Spring County									
Friendship	29	1130CST			0	0			Hail(1.75)
Hot Spring County									
Malvern	29	1318CST			0	0			Hail(1.75)
Hot Spring County									
3 NW Donaldson	29	1320CST			0	0			Hail(0.75)
Grant County									
Sheridan	29	1350CST			0	0			Hail(1.75)
Johnson County									
4 NE Ozone	30	0520CST			0	0			Hail(0.75)
Independence County									
3 W Pleasant Plains	30	0710CST			0	0			Hail(0.75)
Jackson County									
Tupelo	30	0740CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

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

ARKANSAS, Central and North Central

Stone County

4 W Mountain View	30	0834CST			0	0			Hail(1.00)
-------------------	----	---------	--	--	---	---	--	--	------------

Baxter County

Mountain Home	30	1020CST			0	0			Thunderstorm Wind (G50)
---------------	----	---------	--	--	---	---	--	--	-------------------------

Thunderstorm winds downed some trees and damaged a mobile home.

Baxter County

Mountain Home	30	1020CST			0	0			Hail(0.75)
---------------	----	---------	--	--	---	---	--	--	------------

Izard County

Horseshoe Bend Arpt	30	1055CST			0	0			Hail(0.75)
---------------------	----	---------	--	--	---	---	--	--	------------

Boone County

Harrison	30	1100CST			0	0			Hail(0.75)
----------	----	---------	--	--	---	---	--	--	------------

Newton County

Western Grove	30	1124CST			0	0			Hail(0.75)
---------------	----	---------	--	--	---	---	--	--	------------

Baxter County

Bigflat	30	1207CST			0	0			Hail(1.00)
---------	----	---------	--	--	---	---	--	--	------------

Stone County

10 W Optimus	30	1207CST			0	0			Hail(1.00)
--------------	----	---------	--	--	---	---	--	--	------------

ARKANSAS, East

Craighead County

Winesburg	24	1840CST 1845CST			0	0	0.01K		Hail(0.75)
-----------	----	--------------------	--	--	---	---	-------	--	------------

Poinsett County

Harrisburg	24	1900CST 1905CST			0	0	5K		Thunderstorm Wind
------------	----	--------------------	--	--	---	---	----	--	-------------------

Some trees were blown down causing a power outage.

Crittenden County

1 SE Earle	24	2008CST 2015CST			0	0	1K		Thunderstorm Wind
------------	----	--------------------	--	--	---	---	----	--	-------------------

One large tree was knocked down.

Clay County

Datto	28	0030CST 0035CST			0	0	5K		Thunderstorm Wind
-------	----	--------------------	--	--	---	---	----	--	-------------------

A few trees were blown down.

Greene County

Paragould	28	0215CST 0220CST			0	0	20K		Thunderstorm Wind
-----------	----	--------------------	--	--	---	---	-----	--	-------------------

One mobile home had its top blown off. Some trees and power lines were knocked down.

St. Francis County

Colt	30	0825CST 0830CST			0	0	0.75K		Hail(1.75)
------	----	--------------------	--	--	---	---	-------	--	------------

St. Francis County

2 W Shell Lake	30	0850CST 0855CST			0	0	0.01K		Hail(0.75)
----------------	----	--------------------	--	--	---	---	-------	--	------------

St. Francis County

Hughes	30	0905CST 0910CST			0	0	0.75K		Hail(1.75)
--------	----	--------------------	--	--	---	---	-------	--	------------

Greene County

2 SW Light	30	1110CST 1115CST			0	0	0.01K		Hail(0.75)
------------	----	--------------------	--	--	---	---	-------	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ARKANSAS, East</u>									
Lawrence County									
Walnut Ridge	30	1110CST 1115CST			0	0	5K		Thunderstorm Wind (G55)
			Several trees were blown down.						
Craighead County									
Herman to Jonesboro	30	1115CST 1130CST			0	0	0.55K		Hail(1.00)
Lawrence County									
Clover Bend	30	1125CST 1130CST			0	0	0.01K		Hail(0.75)
Craighead County									
Cash to Bay	30	1135CST 1150CST			0	0	100K		Hail(1.75)
			The Bay city hall was windows broken by the hail. Both of the town's police cars were damaged. Some homes in Bay were also damaged.						
Craighead County									
Valley View	30	1145CST 1200CST			0	0	20K		Thunderstorm Wind
			Several homes had damage to their siding and roofs. Some windows were broken.						
Poinsett County									
Trumann to Lepanto	30	1155CST 1205CST			0	0	500K		Thunderstorm Wind
			The local high school and elementary school had windows broken. Fifteen police cars were severely damaged. Several trees were blown down.						
Poinsett County									
Lepanto	30	1200CST 1205CST			0	0	3M		Hail(1.75)
			One hundred were damaged at a Ford dealership in Trumann. Over 2,000 cars in the area were damaged by the hail. Many homes were also damaged. The Trumann schools had at least 100 windows broken.						
Mississippi County									
Dyess	30	1205CST 1210CST			0	0	0.01K		Hail(0.75)
<u>ARKANSAS, Northwest</u>									
Crawford County									
Countywide	07 08	1727CST 0200CST			0	0	50K		Flash Flood
			Heavy rain fell on and off across Crawford County from the late afternoon hours of the 7th til just after midnight on the 8th. 6.04 inches of rain fell at Van Buren while 7.11 inches and 6.41 inches of rain fell in Mountainburg respectively. This rain caused flooding of low lying areas and roads across the county. Several vehicle resues were needed in Van Buren and flooding occurred in the neighboring Industrial Park.						
Sebastian County									
Countywide	07 08	1815CST 0200CST			0	0	50K		Flash Flood
			Heavy rain fell on and off across Sebastian county from the late afternoon hours of the 7th to just after midnight on the 8th. 4.49 inches of rain fell in Forth Smith and 4.41 inches of rain fell at Midland. This rain caused the flooding of several roads across the county. Severe street flooding occurred in Fort Smith and several cars were reported to be stranded.						
Franklin County									
Countywide	07 08	1900CST 0800CST			0	0	50K		Flash Flood
			Heavy rain fell on and off across Franklin county from the evening of April 7th to the early morning hours of April 8th. 5.50 inches of rain fell near Ozark. This excessive rainfall resulted in the flooding of numerous county roads. One bridge was washed out near Cass and Highway 23 was flooded 5 miles south of Cass.						

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>ARKANSAS, Northwest</u>									
Carroll County									
Countywide	07 08	2132CST 0400CST			0	0			Flash Flood
Heavy rain which fell from the evening of the 7th to the early morning hours of the 8th caused widespread flooding of rural roads and low water crossings across Carroll county.									
Madison County									
Countywide	07 08	2135CST 0800CST			0	0			Flash Flood
Heavy rain fell on and off across Madison county from the evening of the 7th to the early morning hours of the 8th. St. Paul received 5.92 inches of rain. This rain caused severe flooding of rural roads around the county.									
Washington County									
Countywide	07 08	2137CST 0200CST			0	0			Flash Flood
Heavy rain fell on and off across Washington county during the evening. 3.34 inches of rain fell at Fayetteville. The rain caused flooding of some rural roads including a bridge near Johnson.									
ARZ019									
		Crawford							
	07 08	2100CST 1400CST			0	0			Flood
Lee Creek near Van Buren rose above its flood stage of 23 feet at 10 pm cdt on April 7th. The river crested at 24.7 feet at 8 am cdt on April 8th. The river fell below its flood stage at 3 pm cdt the same day.									
ARZ019-029									
		Crawford - Sebastian							
	08 09	0600CST 0500CST			0	0			Flood
The Arkansas River near Van Buren rose above its flood stage of 22 feet at 7 am cdt on April 8th. The river crested at 24.8 feet at 8 pm cdt the same day. The river fell below its flood stage at 6 am on April 9th.									
Crawford County									
Countywide	08	1340CST 1700CST			0	0			Flash Flood
After heavy rains the night before a quick inch or two of rain caused widespread flooding of county roads across Crawford county during the afternoon hours.									
Sebastian County									
Countywide	08	1405CST 1700CST			0	0			Flash Flood
After heavy rain the night before a quick inch or two of rain caused widespread flooding of county roads across Sebastian county.									
Madison County									
Countywide	08	1420CST 1700CST			0	0			Flash Flood
After heavy rain the night before a quick inch or two of rain caused flooding of county roads across Madison county. The flooding of low lying areas caused the evacuation of part of St. Paul. The water did not flow into any homes, however									
Franklin County									
Countywide	08	1500CST 1700CST			0	0			Flash Flood
After heavy rain fell across the county the night before a quick inch or two of rain caused widespread flooding of county roads across Franklin county the afternoon of the 8th.									
Washington County									
Fayetteville	23	0231CST			0	0			Hail(1.00)
Washington County									
Cincinnati	23	0325CST			0	0			Hail(0.75)
Madison County									
Witter	23	0515CST			0	0			Hail(1.00)
Sebastian County									
Ft Smith	23	0610CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds estimated at 70 miles an hour blew a large tree down.									
Sebastian County									
4 SW Hartford	30	0104CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

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

ARKANSAS, Northwest

Madison County

Marble	30	0545CST			0	0			Hail(0.88)
--------	----	---------	--	--	---	---	--	--	------------

Benton County

Bentonville	30	0952CST			0	0			Hail(0.88)
-------------	----	---------	--	--	---	---	--	--	------------

Benton County

Rogers	30	1000CST			0	0			Hail(0.75)
--------	----	---------	--	--	---	---	--	--	------------

Carroll County

Osage	30	1057CST			0	0			Hail(0.75)
-------	----	---------	--	--	---	---	--	--	------------

ARKANSAS, Southeast

NONE REPORTED.

ARKANSAS, Southwest

Columbia County

1 N Welcome	07	2305CST			0	0	10K		Thunderstorm Wind (G80)
-------------	----	---------	--	--	---	---	-----	--	-------------------------

Straight line wind gusts destroyed a barn and blew bricks off a home. Several large trees were also blown over.

Columbia County

5 S Taylor	07	2305CST			0	0	30K		Thunderstorm Wind (G80) ^M
------------	----	---------	--	--	---	---	-----	--	--------------------------------------

Several large trees down including one tree that crushed a mobile home.

Lafayette County

8 E Bradley	07	2306CST			0	0			Thunderstorm Wind (G65)
-------------	----	---------	--	--	---	---	--	--	-------------------------

Several large trees down near Walnut Creek and FM 3302.

Columbia County

Magnolia	07	2335CST			0	0			Thunderstorm Wind (G60)
----------	----	---------	--	--	---	---	--	--	-------------------------

Numerous large trees down.

Union County

1 N El Dorado	08	0004CST			0	0			Thunderstorm Wind (G85)
---------------	----	---------	--	--	---	---	--	--	-------------------------

Trees and power lines were toppled. Several empty railroad cars were blown over.

ATLANTIC OCEAN

ANZ431

2 NW Lewes De	03	1545EST			0	0	0	0	Waterspout
---------------	----	---------	--	--	---	---	---	---	------------

Observers from the Pilot Tower in Lewes observed two waterspouts in Delaware Bay. No damage or injuries were reported

ANZ451

Pt. Pleasant to Tuckerton	03	1600EST 1630EST			0	0		0	Marine Tstm Wind (G39)
------------------------------	----	--------------------	--	--	---	---	--	---	------------------------

ANZ453

Ocean City to Cape May	03	1615EST 1645EST			0	0		0	Marine Tstm Wind (G37)
---------------------------	----	--------------------	--	--	---	---	--	---	------------------------

A squall line of strong thunderstorms produced wind gusts in excess of 35 knots along the New Jersey coastal waters from Manasquan Inlet southward. Peak wind gusts of 39 knots were reported at the Cape May Coast Guard station, 37 knots at the Barnegat Lighthouse and 36 knots at Point Pleasant.

ANZ431

Lewes De	03	1602EST			0	0		0	Marine Tstm Wind (G61)
----------	----	---------	--	--	---	---	--	---	------------------------

A severe thunderstorm produced wind gusts to 61 knots (70 mph) at the Pilot Tower at Lewes. The Cape May-Lewes Ferry also reported wind gusts to 50 knots as it crossed the bay around the same time.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>ATLANTIC OCEAN</u>									
ANZ650 Fenwick Island De to Chincoteague	03	1654EST	Fenwick Is De To Chincoteague Va Out 20Nm		0	0			Marine Tstm Wind (G36)
Gust to 36 knots in OXB observation.									
ANZ652 Chincoteague to Paramore Island	03	1700EST	Chincoteague To Parramore Is Va Out 20Nm		0	0			Marine Tstm Wind (G35)
Gust to 35 knots in MFV observation.									
ANZ632 Kiptopeke	03	1742EST	Chesapeake Bay New Pt Comfort To Cp Henry Va		0	0			Marine Tstm Wind (G50)
ANZ531 5 W Riviera Beach	18	1501EST	Chesapeake Bay Pooles Is To Sandy Pt Md		0	0			Marine Tstm Wind (G45)
A wind gust of 45 knots was recorded at BWI Airport.									
ANZ535 Rnld Reagan Natl Arpt	18	1535EST	Tidal Potomac Key Bridge To Indian Hd Md		0	0			Marine Tstm Wind (G38)
ANZ532 4 SE Annapolis	18	1700EST	Chesapeake Bay Sandy Pt To N Beach Md		0	0			Marine Tstm Wind (G35)
A wind gust of 35 knots was recorded at Thomas Point Lighthouse. Scattered thunderstorms with winds up to 45 knots and frequent lightning moved east across the northern Tidal Potomac waters and the Chesapeake Bay north of North Beach between 4 and 6 PM on the 18th.									
ANZ632 New Point Comfort to Cape Henry	19	1700EST	Chesapeake Bay New Pt Comfort To Cp Henry Va		0	0			Marine Tstm Wind (G41)
Wind gust of 41 knots measured at Sewells Point.									
ANZ656 Cape Charles Light to Nc-Va Border	19	1740EST	Cp Charles Lt Va To Nc-Va Bdr Out 20Nm		0	0			Marine Tstm Wind (G53)
Wind gust of 53 knots measured at CHLV2 buoy.									
ANZ338 Sandy Hook Bay	19	1712EST	New York Harbor		0	0			Marine Tstm Wind (G52)
ANZ355 Rockaway Inlet	19	1726EST	Fire Island Inlet Ny To Sandy Hook Nj Out 20Nm		0	0			Marine Tstm Wind (G46)
As a line of severe thunderstorms swept east across the area, the wind sensor at the NOS PORTS Tide Gage in Sandy Hook, NJ recorded a peak wind gust to 35 knots at 6:12 pm EDT and to 52 knots at 6:18 pm EDT. The NWS ASOS System at John F. Kennedy Airport measured a peak wind gust of 46 knots.									
ANZ450 Sandy Hook Bay	19	1730EST	Sandy Hook To Manasquan Inlet Nj Out 20Nm		0	0	0		Marine Tstm Wind (G52)
The gust front from a severe thunderstorm produced a wind gust to 52 knots (60 mph) at the Sandy Hook Coast Guard station.									
ANZ633 Currituck	25	2000EST	Currituck Sound		0	0			Marine Tstm Wind (G38)
Wind gust of 38 knots measured at DUCN7 buoy.									
ANZ533 4 NW Cove Pt to 5 NE Cove Pt	28	1843EST 1854EST	Chesapeake Bay N Beach To Drum Pt Md		0	0			Waterspout

Storm Data and Unusual Weather Phenomena

April 2002

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

ATLANTIC OCEAN



A picture of the tornado off Long Beach in Calvert County, Maryland. (photo by Ted L. Dutcher)

A tornado that pushed offshore between Port Republic and St. Leonard on the western shore of the bay dissipated, but not before spawning a second tornado just north of Calvert Cliffs Power Plant. The second tornado crossed the Chesapeake Bay and made landfall 4 miles south of Taylors Island on the eastern shore. See the Calvert County, Maryland tornado entry for more information.

ANZ430	De Bay Waters N Of E Pt Nj To Slaughter Beach De	28	1931EST	0	0	0	Marine Tstm Wind (G48)
Bowers Beach De							

Thunderstorms produced wind gusts up to 55 mph (48 knots) near the Delaware side of the Upper Delaware Bay.

ANZ430	De Bay Waters N Of E Pt Nj To Slaughter Beach De	28	2107EST	0	0	0	Marine Tstm Wind (G45)
10 W Bivalve Nj							

A thunderstorm produced reported wind gusts of up to 52 mph (45 knots) along the Cumberland County coast of Delaware Bay.

CALIFORNIA, Extreme Southeast

NONE REPORTED.

CALIFORNIA, North Central

NONE REPORTED.

CALIFORNIA, Northeast

Plumas County	Portola	03	1505PST	0	0	0	Hail(1.00)
----------------------	----------------	-----------	----------------	----------	----------	----------	-------------------

One inch diameter hail was reported by two storm spotters in Portola, CA.

CAZ073	Mono	14	2100PST 2300PST	0	0	5K	High Wind (G60)^M
---------------	-------------	-----------	----------------------------	----------	----------	-----------	------------------------------------

Spotters and automated weather equipment reported numerous wind gusts of over 65 mph around Mono County during the evening. Several trees were blown down in the June Lakes area, causing minor property damage.

Storm Data and Unusual Weather Phenomena

April 2002

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

CALIFORNIA, Northeast

CAZ072	Greater Lake Tahoe Area								
	15	0700PST 0800PST			0	4	500K		Heavy Snow
	A heavy snow shower, creating low visibility and a slick roadway, caused a 21 vehicle pile-up on Interstate 80 about 5 miles east of Truckee, CA. Several trucks were involved in the accident with at least one semi trailer destroyed.								
CAZ071	Lassen/Eastern Plumas/Eastern Sierra								
	17	0100PST 1040PST			0	0	0		Heavy Snow
	Spotter report of 10 inches of snowfall in Portola, CA in less than 12 hours.								

CALIFORNIA, Northwest

NONE REPORTED.

CALIFORNIA, South Central

CAZ096>097	S Sierra Mtns - Tulare Cty Mtns								
	14 15	2021PST 2000PST			0	0			Wind
CAZ095-098>099	Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert								
	15 16	0517PST 0300PST			0	0			High Wind (G90)^M
CAZ089>092	W Central S.J. Valley - E Central S.J. Valley - Sw S.J. Valley - Se S.J. Valley								
	15	0007PST 2200PST			0	0	300K		Wind
	A cold front sweeping through Interior Central California brought High Wind to the Kern Mountains and Deserts and very windy conditions for remaining portions of the area. Just after dawn Mojave Airport Tower reported a gust to 90 knots with other Kern Desert and Mountain locations logging gusts of 80 knots plus. Even on the San Joaquin Valley floor early in the morning of the 15th wind was consistently northwest and gusty from 32 to 37 knots. Some trees were downed around the San Joaquin Valley in the Porterville and Selma areas. Agricultural loss occurred due to downed trees in orchards and some wind-blown sand damage to crops on the West Side of the Valley.								
CAZ095-098>099	Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert								
	16 18	2015PST 2000PST			0	0			Wind
	Gusty northwest wind again buffeted the Kern County Mountains and Deserts due to a couple of relatively dry frontal passages through Interior Central California. Wind observed included gusts to 47 knots in the Kern Mountains, and 49 knots in the Indian Wells Valley and Southeast Kern Desert areas.								
CAZ096	S Sierra Mtns								
	17	0000PST 1100PST			0	0			Winter Storm
	An early morning frontal passage brought significant snow to the higher elevations of the Southern Sierra Nevada in just a few hours. Tuolumne Meadows at 9200' M.S.L. received 12" of new snow, and West Woodchuck Meadow at 9100' had 8".								
CAZ095-098>099	Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert								
	27 28	0000PST 2000PST			0	0			Wind
	Sustained wind in excess of 35 with gusts to 39 knots occurred in the Kern Mountains and Deserts on the 27th and 28th.								
CAZ096	S Sierra Mtns								
	29	0850PST 1925PST			0	0			Snow
	A late season frontal passage brought 8-12" of new snow to the highest elevations of the Southern Sierra Nevada on the 29th.								
CAZ095-098>099	Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert								
	30	1409PST 1925PST			0	0			Wind
	On the 30th, windy conditions again occurred as speeds gusted from 40 knots in the Kern Mountains to 48 knots in the Kern Deserts.								

Storm Data and Unusual Weather Phenomena

April 2002

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

CALIFORNIA, Southeast

CAZ026	Owens Valley						
	15	0230PST 1100PST			0	0	High Wind (G63)^M

A strong low pressure system brought high winds to portions of the Sierra.

CAZ027	Inyo County Deserts						
	15	0955PST 1500PST			0	0	5K High Wind (G52)^M

Strong winds caused several power lines to be blown down causing commercial power to be out for several hours. Due to low visibilities in blowing dust and sand, CHP officers had to escort vehicles along Highway 395 between Independence and Lone Pine

CALIFORNIA, Southwest

CAZ048>050	San Bernardino County Valley/The Inland Empire - Riverside County Valley/The Inland Empire - San Diego County Valleys						
----------------------	--	--	--	--	--	--	--

	01	0000PST 0853PST			0	0	Fog
--	-----------	----------------------------	--	--	----------	----------	------------

Dense fog with visibility near zero, formed for the second consecutive night over the inland valleys.

CAZ049	Riverside County Valley/The Inland Empire						
	02	0055PST 0655PST			0	0	Fog

Dense fog with visibility near zero, was present for a third consecutive night.

Riverside County								
Riverside	09 14	1500PST 1700PST			0	1	50K	Wild/Forest Fire

A brush fire that began on 4/9/02 was brought under control on 4/11/02 after burning 105 acres, several power poles, and threatening 20 homes. Two days later, record high temperatures and dry east winds caused the fire to flare up and burn another 150 acres before being brought under containment.

Orange County							
Yorba Linda	21	1733PST			0	0	Wild/Forest Fire

A pilot reported visibility in smoke as a half mile in smoke, coming from a fire in Santa Ana Canyon.

Riverside County							
Murrieta	24	1200PST 1500PST			0	0	Urban/Sml Stream Fld

Between a third to a half inch of rain in three hours time caused minor street flooding in Murrieta.

San Bernardino County								
Forest Falls	26	1430PST			0	0	25K	Urban/Sml Stream Fld

Rain triggered a mudslide along Highway 38 that sent basketball size rocks into a Ford Explorer. None of the vehicle occupants were injured.

CALIFORNIA, Upper

NONE REPORTED.

CALIFORNIA, West South Central

NONE REPORTED.

CALIFORNIA, Western

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

April 2002

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

CARIBBEAN SEA AND TROPICAL ATLANTIC

AMZ730 Punta Puerca	Carib Waters E Cst Pr Thru Usvi 01	1800AST 1815AST			0	0	Waterspout
A spotter observed a waterspout just east of Ceiba.							
AMZ555 Vero Beach	Cocoa Beach To Jupiter Inlet Fl Out 20Nm 03	1400EST			0	0	Marine Tstm Wind (G38)
A thunderstorm wind gust to 38 knots was observed at Vero Beach Airport.							
AMZ130 Columbia	Albemarle Sound 03	2015EST			0	0	Marine Tstm Wind (G45)
AMZ130 Columbia	Albemarle Sound 03	2045EST			0	0	Marine Tstm Wind (G50)
AMZ720 Punta Caracoles	Atl Nearshore Waters Rio Guajataca Pr Ewd Thru Usvi 07	1630AST 1645AST			0	0	Waterspout
A waterspout was sighted by several people between Arcibo and Hatillo. It lasted for about 15 minutes until it moved inland and quickly dissipated.							
AMZ651 10 S Government Cut	Deerfield Beach To Ocean Reef Fl 13	1700EST			0	0	Marine Tstm Wind (G35)
A line of thunderstorms moved offshore the southeast Florida coast and produced a wind gust of 35 knots at Fowey Rocks Light.							
AMZ130 Columbia	Albemarle Sound 28	2037EST			0	0	Marine Tstm Wind (G57)

COLORADO, Central and Northeast

COZ030>036-038>051	<p>Jackson County Below 9000 Feet - West Jackson & West Grand Counties Above 9000 Feet - Grand & Summit Counties Below 9000 Feet - S & E Jackson / Larimer / N & Ne Grand / Nw Boulder Counties Above 9000 Feet - S & Se Grand / W Central & Sw Boulder / Gilpin / Clear Creek / Summit / N & W Park Counties Above 9000 Feet - Larimer & Boulder Counties Between 6000 & 9000 Feet - Jefferson & W Douglas Counties Above 6000 Feet / Gilpin / Clear Creek / Ne Park Counties Below 9000 Feet - Larimer County Below 6000 Feet / Nw Weld County - Boulder & Jefferson Counties Below 6000 Feet / W Broomfield County - N Douglas County Below 6000 Feet / Denver / W Adams & Arapahoe Counties / E Broomfield County - Elbert / C & E Douglas Counties Above 6000 Feet - Ne Weld County - C & S Weld County - Morgan County - C & E Adams & Arapahoe Counties - N & Ne Elbert County Below 6000 Feet / N Lincoln County - Se Elbert County Below 6000 Feet / South Lincoln County - Logan County - Washington County - Sedgwick County - Phillips County</p>						Drought
	01	0000MST			0	0	
	30	2359MST					
<p>April, normally the third snowiest month of the year with just over 9 inches, ended up being the third driest April on record for Denver. Only a trace of snow was recorded for the month with .23 inches liquid precipitation. The snowpack in the North Platte River Basin was only 44 percent of normal by the end of the month. The snowpack was much lower across some of the other Colorado river basins. The very dry conditions prompted the Governor to request a statewide emergency drought declaration from the U.S. Agricultural Secretary, making farmers and ranchers eligible for federal assistance.</p> <p>The persistent dry conditions made for an early fire season as well. The first significant fire of the season occurred on April 23rd near Bailey. Very dry and windy conditions allowed the fire, initially started by a careless smoker, to blossom into a 2400 acre blaze before it could be contained. Fortunately no significant damage was reported to the homes or other properties in the area.</p>							
COZ043	C & S Weld County 01	0200MST 0300MST			0	0	High Wind (G56) ^M
<p>High winds developed briefly across central Weld County. A storm spotter 2 miles west-southwest of Gill measured a wind gust to 64 mph (56 kts) with another gust to 60 mph (52 kts) recorded 5 miles east-northeast of Eaton.</p>							

Storm Data and Unusual Weather Phenomena

April 2002

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

COLORADO, East Central

Cheyenne County

13 NW Cheyenne Wells	26	1848MST			0	0			Hail(0.75)
Kit Carson County									
17 S Stratton	26	1910MST			0	0			Thunderstorm Wind (G52)
Cheyenne County									
14 N Arapahoe	27	0434MST			0	0			Thunderstorm Wind (G52) ^M

COLORADO, South Central and Southeast

Rio Grande County

3 W Del Norte	07	1210MST 1220MST			0	0			Funnel Cloud
---------------	----	--------------------	--	--	---	---	--	--	--------------

COZ070>071-073>074 Alamosa Vicinity / Central San Luis Valley Below 8500 Ft - Southern San Luis Valley - Northern Sangre De Cristo Mountains Above 11000 Ft - Southern Sangre De Cristo Mountains Between 7500 & 11000 Ft

16	0240MST 1047MST			0	0			High Wind (G63) ^M
----	--------------------	--	--	---	---	--	--	------------------------------

A fast moving upper disturbance generated high winds across the southeast mountains and adjacent plains. The highest gust was at La Veta...in Huerfano county...where the winds reached 72 mph.

Teller County

5 N Florissant	16	1200MST 2300MST			0	0	40K		Wild/Forest Fire
----------------	----	--------------------	--	--	---	---	-----	--	------------------

Strong winds caused a tree branch to hit a power line, which ignited a blaze in Teller county. The fire grew to between 100 and 200 acres before it was put out. One structure was destroyed.

COZ070-072-072>073-073 Alamosa Vicinity / Central San Luis Valley Below 8500 Ft - Northern Sangre De Cristo Mountains Between 8500 & 11000 Ft - Northern Sangre De Cristo Mountains Above 11000 Ft

18	0552MST 2034MST			0	0			High Wind (G68) ^M
----	--------------------	--	--	---	---	--	--	------------------------------

A strong upper level jet stream combined with a dry cold front produced strong southwest to west winds across sections of southern Colorado. Some of the strongest wind gusts were: 60 mph in Black Forest in northern El Paso county...69 mph just north of Monument in northern El Paso county...70 mph 30 miles to the southwest of Pueblo in Pueblo county. Gusts of 71 mph to 78 mph were measured at Pueblo West in Pueblo county.

El Paso County

Black Forest	28	1200MST 1900MST			0	0			Wild/Forest Fire
--------------	----	--------------------	--	--	---	---	--	--	------------------

A wildfire, started by sparks from a lawn mower, consumed 64 acres and threatened 7 structures in the Pine Glen subdivision.

Custer County

10 SE Westcliffe	30	1345MST 2359MST			0	0	100K		Wild/Forest Fire
------------------	----	--------------------	--	--	---	---	------	--	------------------

The Cuerno Verde fire was human caused, when a yard clean-up project was fanned by high winds. The fire burned around 600 acres of trees and meadows. Two homes were destroyed. It cost around \$500,000 to fight the fire. The fire was not contained until May 1st.

COLORADO, West

COZ018

Northwestern San Juan Mountains

05	1815MST 1820MST			0	0			Avalanche
----	--------------------	--	--	---	---	--	--	-----------

An avalanche on Red Mountain Pass covered a 40 foot stretch of Highway 550 with 3 to 4 feet of snow and blocked traffic for about one hour.

COZ006

Grand Valley

07	1235MST 1245MST			0	19			Dust Storm
----	--------------------	--	--	---	----	--	--	------------

North winds gusting to near 50 mph in the desert north of Grand Junction created a duststorm which reduced visibility to zero as it crossed Interstate 70. The resulting 30-car pileup injured 19 motorists and passengers, but none seriously.

Storm Data and Unusual Weather Phenomena

April 2002

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

COLORADO, West

COZ001	Lower Yampa River Basin								
	15	1200MST 2300MST			0	0			High Wind (G55)^M

A strong Pacific storm and associated vigorous cold front blew through western Colorado, producing sustained winds around 40 mph with higher gusts. A peak wind gust of 63 mph was recorded by the Dragon Road RAWS wind sensor.

CONNECTICUT, Northeast

NONE REPORTED.

CONNECTICUT, Northwest

NONE REPORTED.

CONNECTICUT, Southern

CTZ005>012	Northern Fairfield - Northern New Haven - Northern Middlesex - Northern New London - Southern Fairfield - Southern New Haven - Southern Middlesex - Southern New London								
	01 30	0000EST 2359EST			0	0			Drought

A wetter pattern developed during late March that lasted through April. Although April precipitation amounts rebounded, they still remained slightly below normal. April was the tenth consecutive month of below normal precipitation across the region. Sixteen of the past 19 months, since October 2000, have been below normal. The total precipitation deficit during the past 19 months was 18.56 inches. The total deficit during the past 10 months was 15.11 inches. The region averaged 3.81 inches for April, which was 93 percent of normal. Precipitation averaged 74 percent of normal during the past 19 months and 60 percent of normal during the past 10 months.

The combined reservoir storage levels increased from 81 percent capacity during March to 84 percent capacity during April. Of the 95 water utilities that supply to more than 1,000 people, 63 had requested voluntary conservation and 12 issued mandatory conservation orders. Of the 497 water utilities that supply less than 1,000 people, 369 requested voluntary conservation, and 17 issued mandatory conservation orders.

Most streams experienced low flows, although normal springtime flooding occurred along the main stem of the Connecticut River in response to snow melt and precipitation in the northern reaches of the watershed in Vermont and New Hampshire. Streamflows across much of the state were in the lowest 25 percent for late April. Conditions were worse across eastern CT, where record low flows were common. Flows in the less than 10 percent range on April 23rd included the Quinnipiac River at Wallingford, Housatonic River at Gaylordsville and Stevenson Dam, the Saugatuck River near Redding, the Sasco Brook near Southport, the Naugatuck River at Beacon Falls, the Salmon River near East Hampton, and the Pendleton Brook near Clarks Falls

Ground-water levels continued to slowly rise in response to spring rainfall. However, water levels in several wells remained at or near record lows for late April.

On April 3rd, the State of Connecticut issued a Drought Advisory for New London County and a Drought Watch for Fairfield, New Haven, and Middlesex Counties.

DELAWARE

DEZ001>004	New Castle - Kent - Inland Sussex - Delaware Beaches								
	01	0000EST 2359EST			0	0	0	0	Drought

April monthly precipitation across Delaware was near normal in New Castle County (3.2 inches on a county weighted average) and wetter than normal across Kent (4.9 inches) and Sussex (4.3 inches) Counties. Normal is around 3.5 inches. Monthly precipitation

Storm Data and Unusual Weather Phenomena

April 2002

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

DELAWARE

totals at the New Castle County Airport was 2.26 inches and in Georgetown(Sussex County) was 3.02 inches. The effects of the dry weather leading into March and April were still evident. On April 1st, every monitored stream in Delaware had below normal flow. Flow along the Brandywine Creek was only one fourth of normal. The Brandywine Creek was setting record daily record low flows through April 15th. Since November 1st, the Brandywine Creek had set 76 daily record low flows for the date. On April 1st, every monitored groundwater well in Delaware and Maryland was below normal, eight were at record lows for the date. The relatively dry conditions led to a dozen small brush fires in New Castle County on April 7th alone. The improving rainfall kept Governor Ruth Ann Minner from upgrading the drought warning to a drought emergency. The governor asked residents to voluntarily conserve water by restricting all non-essential uses such as washing cars and using wise water habits such as running the dishwasher and clothes washer with full loads. But, a few hundreds implemented mandatory water restrictions. In Smyrna (Kent County), car washing, lawn sprinkling, tree watering, vegetation watering and any other unnecessary uses of water were to be banned effective May 1st. Also as of May 1st in Galena (Kent County) washing pavements, filling or topping off private pools, serving water without asking at restaurants, running ornamental fountains without a recycling system were banned. Lawn watering was restricted to odd and even days. The recent rains improved the groundwater to adequate levels in the southern part of the state and short term farming conditions were improving by the day. The Delaware River Basin Commission continued its drought emergency for the entire Delaware River drainage basin.

Sussex County

Greenwood

03	1525EST				0	0	0		Thunderstorm Wind (G52)
----	---------	--	--	--	---	---	---	--	--------------------------------

A severe thunderstorm in Greenwood knocked the roof off a chicken house and spread the debris into a neighbor's house and yard.

Sussex County

Lincoln to Slaughter Beach

03	1547EST 1552EST				0	0	100K		Thunderstorm Wind (G57)
----	--------------------	--	--	--	---	---	------	--	--------------------------------

Sussex County

Lewes

03	1602EST				0	0	0		Thunderstorm Wind (G61)^M
----	---------	--	--	--	---	---	---	--	--

Two severe thunderstorms produced high winds and wind damage in Sussex County. The first caused damage from Ellendale and Lincoln east to Slaughter Beach. The second produced a measured wind gust of 70 mph at the Pilot Tower in Lewes. In Lincoln, the wind tore the roof from two poultry houses and moved a shed off its foundation. In Argos Corner, the thunderstorm flattened a fifteen foot section of a garage and caused \$20,000 in damages. In Slaughter Beach, the roof of a truck stop was torn off and blown 450 feet downwind. Once the roof was torn off, the walls of the truck stop fell down and a two by four from the stop implanted itself in the owner's house. Numerous branches, limbs and wires were on roads in Ellendale and Slaughter Beach and several trees were also knocked down along the path of this severe thunderstorm.

New Castle County

Odessa

09	0630EST				0	0	50K	0	Lightning
----	---------	--	--	--	---	---	-----	---	------------------

Lightning started a fire in a barn in Odessa. When firefighters arrived, smoke was pouring from the roof. Damage was estimated at \$50,000, but no injuries were reported.

Sussex County

Dewey Beach

16	0645EST				0	0	0		Lightning
----	---------	--	--	--	---	---	---	--	------------------

Lightning struck a convenience store on Delaware State Route 1 in Dewey Beach. The strike damaged the store's computers and prevented them from pumping any gas. No serious injuries were reported.

Kent County

1 S Smyrna

28	2115EST				0	0	100K		Hail(1.00)
----	---------	--	--	--	---	---	------	--	-------------------

Hail as large as quarters damaged 180 new and used cars just south of Smyrna. The cars were slightly dented, the worst damage to any one vehicle was \$1,500.

Kent County

Leipsic to Little Creek

28	2125EST 2130EST				0	0			Thunderstorm Wind (G50)
----	--------------------	--	--	--	---	---	--	--	--------------------------------

The same severe thunderstorm that dropped large hail just south of Smyrna, tore down a few trees from Leipsic to Little Creek across northeastern Kent County.

DISTRICT OF COLUMBIA

District Of Columbia

Northwest Portion to Northeast Portion

19	1430EST 1435EST				0	3	500K		Thunderstorm Wind
----	--------------------	--	--	--	---	---	------	--	--------------------------

Over 80 trees were downed onto roads, homes, cars, and power lines citywide. One tree fell onto a van, killing a 51-year-old man and injuring three others.

District Of Columbia

1 W Brookland

19	1433EST				1	0			Thunderstorm Wind (G61)^M
----	---------	--	--	--	---	---	--	--	--

Storm Data and Unusual Weather Phenomena

April 2002

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

DISTRICT OF COLUMBIA

A wind gust of 70 MPH was recorded at Children's Hospital. The event time was estimated. M51VE

A thunderstorm with hail and high winds moved through the District of Columbia during the afternoon of the 19th. Winds gusted as high as 70 MPH and at least 82 trees were downed across the city. Most of the damage was reported in the northern sections of town. Trees fell onto power lines, 10 cars, 4 homes, and several roads. A large tree, which was believed to have been struck by lightning because the roots were charred, fell onto a vehicle that was traveling through the intersection of 12th and Shepard streets NE. A 51-year-old man in the back seat of the van was killed and three other passengers, one woman and two men, sustained minor injuries. Nearly 6000 customers lost power as a direct result of the storm.

FLORIDA, East Central

Indian River County

Vero Beach 03 1400EST 0 0 0 0 **Hail(0.75)**

Okeechobee County

2 N Okeechobee 03 1500EST 0 0 5K 0 **Thunderstorm Wind (G80)**
Strong thunderstorm winds swept across U.S. Highway 441 just north of the city of Okeechobee blowing down power lines and a few trees.

Seminole County

Longwood 04 1757EST 0 0 0 0 **Hail(0.75)**

Seminole County

Winter Spgs 04 1814EST 0 0 0 0 **Hail(0.75)**

Seminole County

Oviedo 04 1835EST 0 0 0 0 **Hail(0.75)**

Orange County

3 SW Orlando 26 1856EST 0 0 0 0 **Hail(0.75)**

Orange County

Orlando 26 1925EST 0 1 5K 0 **Thunderstorm Wind (G50)**
Severe thunderstorms produced dime size hail in the Disney area and blew down a large tree onto a house in Orlando injuring one person.

Orange County

Maitland 26 1943EST 0 0 0 0 **Hail(0.75)**

Seminole County

Lake Mary 30 1505EST 0 0 0 0 **Hail(1.75)**

Seminole County

Oviedo 30 1520EST 0 0 0 0 **Hail(1.75)**

Orange County

2 E Orlando 30 1555EST 0 0 0 0 **Hail(0.75)**

Orange County

2 E Orlando 30 1600EST 0 0 100K 0 **Thunderstorm Wind (G70)**
A severe thunderstorm produced a broad area of downburst winds along Highway 50 a few miles east of Orlando. The winds blew down dozens of trees, some damaging mobile homes. The winds also damaged carports, screen rooms and roofs.

FLORIDA, Extreme Southern

NONE REPORTED.

FLORIDA, Northeastern

Flagler County

2 N Bunnell 02 1545EST 0 0 **Hail(1.00)**
Near U.S. Highway 1 and Otis Stone Rd.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>FLORIDA, Northeastern</u>									
Putnam County									
Interlachen	02	1559EST 1600EST			0	0			Hail(0.75)
Putnam County									
Hollister	02	1614EST			0	0			Hail(0.75)
Putnam County									
2 E Hollister	02	1625EST			0	0			Hail(1.00)
Putnam County									
6 E Hollister	02	1643EST			0	0			Hail(1.75)
Clay County									
Middleburg	02	1656EST			0	0			Hail(0.88)
Nassau County									
Bryceville	02	1810EST 1815EST			0	0			Hail(2.50)
		Hail reported by Forest Service Official.							
Union County									
Lake Butler	02	1815EST			0	0			Hail(0.75)
Union County									
Lake Butler	02	1815EST			0	0	0.10K		Thunderstorm Wind
		Large trees down on Lake Ave. and also on 3rd Ave.							
Nassau County									
Bryceville	02	1815EST			0	0			Hail(1.00)
		Reported by Fire Lt.							
Duval County									
4 N Baldwin	02	1815EST			0	0			Hail(1.00)
		Reported by Nassau County Fire Lt.							
Baker County									
4 W Glen St Mary	02	1826EST			0	0			Hail(0.75)
Baker County									
Glen St Mary	02	1827EST			0	0			Hail(0.75)
Baker County									
Glen St Mary	02	1830EST			0	0			Hail(1.50)
Baker County									
Macclenny	02	1837EST			0	0			Hail(1.50)
Baker County									
Macclenny	02	1838EST			0	0			Hail(1.00)
Bradford County									
Starke	02	1855EST			0	0			Hail(0.75)
		Starke P.D. reported.							
Bradford County									
Starke	02	1900EST			0	0			Hail(0.75)
Duval County									
6 E Jax Herlong Arpt	02	2014EST			0	0			Hail(0.75)
		Near Interstate 10 and 295 interchange.							
Duval County									
4 W Oceanway	02	2120EST			0	0			Hail(0.75)
		4 miles south Jacksonville International Airport.							
Alachua County									
2 S Alachua	16	1655EST			0	0			Urban/Sml Stream Fld
		Minor flooding, rainfall 4 inches in less than an hour.							

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>FLORIDA, Northeastern</u>									
Putnam County									
Pomona Park	17	1550EST			0	0			Hail(0.75)
Putnam County									
Interlachen	17	1830EST			0	0			Hail(0.75)
Columbia County									
5 SW Lake City	17	2100EST			0	0	1K		Thunderstorm Wind
			4 150 foot tall live oaks felled.						
Putnam County									
5 E Melrose	30	1800EST			0	0			Hail(0.75)
<u>FLORIDA, Northwest</u>									
Calhoun County									
Clarksville	03	1640EST			0	0			Hail(0.88)
			Dime to nickel size hail reported by a SKYWARN storm spotter.						
Liberty County									
Bristol	03	1645EST			0	0			Hail(0.75)
			Dime size hail reported by the Liberty County Sheriff.						
Calhoun County									
Clarksville	03	1700EST			0	0			Hail(1.25)
			Quarter size hail reported by a SKYWARN storm spotter.						
Gadsden County									
Greensboro	03	1740EST			0	0			Hail(2.75)
			Golfball to baseball size hail reported by the Gadsden County Sheriff						
Bay County									
Youngstown	29	1830EST			0	0	1K		Thunderstorm Wind
			Downed trees reported by the Bay County EMA.						
Calhoun County									
Altha	29	1920EST			0	0			Hail(1.75)
			Golfball size hail reported by the Calhoun County Sheriff.						
<u>FLORIDA, Southern</u>									
Broward County									
Pompano Beach	10	1330EST			0	1			Rip Currents
			A 77-year old Canadian visitor was wading in waist-deep water at an unguarded section of the beach near the 100 block of Briny Avenue when he was caught in a rip current. The man suffered a heart attack but was revived by paramedics.						
Broward County									
Ft Lauderdale	12	1200EST			1	6			Rip Currents
			A 67-year old Canadian visitor drowned in a rip current at an unguarded section of the beach across from 1151 State Road A1A. Six other people were rescued and hospitalized at various times and locations along the surf beaches of Broward and Miami-Dade counties. East winds had increased to 15 to 20 mph after several days of cloudy and rainy weather.						
			M67IW						
Broward County									
Ft Lauderdale	25	1405EST			1	0			Rip Currents
			A 51-year old Canadian visitor drowned in a rip current at an unguarded section of Fort Lauderdale beach near the 4200 block of El Mar Drive.						
			M51IW						

Storm Data and Unusual Weather Phenomena

April 2002

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

A small dust devil developed in the vicinity of a prescribed forest burn. No damage was reported. The event occurred with clear, dry weather.

FLORIDA, West Panhandle

Okaloosa County

Crestview	29	1555CST 1556CST			0	0		Hail(0.88)
-----------	----	--------------------	--	--	---	---	--	------------

GEORGIA, East Central

Columbia County

Appling	03	1650EST			0	0	0		Hail(0.75)
---------	----	---------	--	--	---	---	---	--	------------

Spotter reported 3/4 inch hail in Appling.

Columbia County

Appling	03	1650EST			0	0	0		Thunderstorm Wind (G50)
---------	----	---------	--	--	---	---	---	--	-------------------------

Spotter reported several trees down in Appling.

GEORGIA, Lower

Jeff Davis County

2 NW Hazelhurst	03	2230EST			0	0		Hail(0.75)
-----------------	----	---------	--	--	---	---	--	------------

Wayne County

Madray Spgs	17	1800EST			0	0		Hail(0.88)
-------------	----	---------	--	--	---	---	--	------------

Lightning damage to structure roof also.

GEORGIA, North and Central

GAZ001>009-011>016-019>025-027-030>039-041>062-066>076-078>086-089>098-102>113

Dade - Walker - Catoosa - Whitfield - Murray - Fannin - Gilmer - Union - Towns - Chattooga - Gordon - Pickens - Dawson - Lumpkin - White - Floyd - Bartow - Cherokee - Forsyth - Hall - Banks - Jackson - Madison - Polk - Paulding - Cobb - North Fulton - Gwinnett - Barrow - Clarke - Oconee - Oglethorpe - Wilkes - Haralson - Carroll - Douglas - South Fulton - De Kalb - Rockdale - Walton - Newton - Morgan - Greene - Taliaferro - Heard - Coweta - Fayette - Clayton - Spalding - Henry - Butts - Jasper - Putnam - Hancock - Warren - Troup - Meriwether - Pike - Upson - Lamar - Monroe - Jones - Baldwin - Washington - Glascock - Jefferson - Harris - Talbot - Taylor - Crawford - Bibb - Twiggs - Wilkinson - Johnson - Emanuel - Muscogee - Chattahoochee - Marion - Schley - Macon - Peach - Houston - Bleckley - Laurens - Treutlen - Stewart - Webster - Sumter - Dooly - Crisp - Pulaski - Wilcox - Dodge - Telfair - Wheeler - Montgomery - Toombs

01		0000EST			0	0		Dry
30		2359EST						

A summerlike weather pattern dominated north Georgia much of the month, resulting in several days of above normal temperatures and a lack of organized precipitation producing systems. Most major weather systems were shunted to the northwest of Georgia during the month, resulting in below normal rainfall at most reporting stations. The rainfall deficits were most noticeable across the northern part of the state with Atlanta recording only 1.83 inches of rain during the month, 1.79 inches below normal, and Athens recording only 1.65 inches of rain during the month, which was 1.70 inches below normal. These rainfall deficits continued to add to the overall rainfall deficit which had been prevalent across north and central Georgia since mid-summer 1998

Henry County

Mc Donough	03	1500EST			0	0		Hail(0.88)
------------	----	---------	--	--	---	---	--	------------

The Henry county 911 center reported nickel size hail.

Butts County

3 E Jackson	03	1505EST			0	0		Hail(0.75)
-------------	----	---------	--	--	---	---	--	------------

The Butts county 911 center reported dime size hail.

Henry County

Locust Grove	03	1506EST			0	0		Hail(0.75)
--------------	----	---------	--	--	---	---	--	------------

The Henry county 911 center reported dime size hail.

Storm Data and Unusual Weather Phenomena

April 2002

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

GEORGIA, North and Central

Jasper County

Hillsboro	03	1550EST			0	0			Tstm Wind/Hail
------------------	----	---------	--	--	---	---	--	--	-----------------------

The Jasper county 911 center reported pea size hail.

Pike County

10 S Zebulon	03	1600EST			0	0			Hail(0.88)
---------------------	----	---------	--	--	---	---	--	--	-------------------

The public reported nickel size hail.

Telfair County

Jacksonville	03	2150EST			0	0			Hail(0.75)
---------------------	----	---------	--	--	---	---	--	--	-------------------

The Telfair county 911 center reported dime size hail.

GAZ001>009-011>016-019>025-027-030>039-041>062-066>076-078>086-089>098-102>113

Dade - Walker - Catoosa - Whitfield - Murray - Fannin - Gilmer - Union - Towns - Chattooga - Gordon - Pickens - Dawson - Lumpkin - White - Floyd - Bartow - Cherokee - Forsyth - Hall - Banks - Jackson - Madison - Polk - Paulding - Cobb - North Fulton - Gwinnett - Barrow - Clarke - Oconee - Oglethorpe - Wilkes - Haralson - Carroll - Douglas - South Fulton - De Kalb - Rockdale - Walton - Newton - Morgan - Greene - Taliaferro - Heard - Coweta - Fayette - Clayton - Spalding - Henry - Butts - Jasper - Putnam - Hancock - Warren - Troup - Meriwether - Pike - Upson - Lamar - Monroe - Jones - Baldwin - Washington - Glascock - Jefferson - Harris - Talbot - Taylor - Crawford - Bibb - Twiggs - Wilkinson - Johnson - Emanuel - Muscogee - Chattahoochee - Marion - Schley - Macon - Peach - Houston - Bleckley - Laurens - Treutlen - Stewart - Webster - Sumter - Dooly - Crisp - Pulaski - Wilcox - Dodge - Telfair - Wheeler - Montgomery - Toombs

16	1200EST				0	0			Unseasonably Warm
22	0000EST								

Unseasonably warm conditions prevailed across north and central Georgia for several consecutive days as a summerlike ridge of high pressure, centered in the eastern Gulf of Mexico, and a Bermuda surface high pressure system dominated the southeastern United States. This was especially true with respect to maximum temperatures during this period. High temperatures for several consecutive days topped out in the 85 to 90 degree range at many reporting stations across north and central Georgia. These readings were some 10 to 15 degrees above normal. Columbus and Macon both observed a 3-day consecutive stretch of high temperatures around 90 from the 18th to the 20th with highs of 91 degrees on all three days at Columbus and highs of 91, 91, and 90, respectively at Macon. These readings tied the record high temperature at Columbus on the 18th and 20th, and set a new record on the 19th. In addition, the record high temperature of 87 degrees was tied in Atlanta on the 18th and in Athens an 88 degree reading on the 21st tied their record high temperature for that date.

Walker County

Lookout Mtn	28	1815EST			0	0			Hail(0.75)
--------------------	----	---------	--	--	---	---	--	--	-------------------

An amateur radio operator relayed to the Morristown, TN National Weather Service Office that there was dime size hail.

Chattooga County

2 NNW Trion to Trion	28	1835EST			0	0			Hail(1.00)
-----------------------------	----	---------	--	--	---	---	--	--	-------------------

The public reported quarter size hail in Trion and the Chattooga county sheriff reported dime size hail in Welcome Hill, northwest of Trion.

Walker County

Center Post	28	1845EST			0	0			Hail(1.75)
--------------------	----	---------	--	--	---	---	--	--	-------------------

The Walker County Messenger reported golf ball size hail.

Gordon County

2 SW Calhoun to Calhoun	28	1902EST 1915EST			0	0			Hail(1.75)
--------------------------------	----	--------------------	--	--	---	---	--	--	-------------------

Numerous reports of hail were received from storm spotters, amateur radio operators, and the public. While most of the hail sizes reported ranged from dimes to quarters, some reports of hail as large as golf balls were received from Calhoun and just west of Calhoun in Spring Valley.

Gordon County

Calhoun to 2 SW Calhoun	28	1902EST 1930EST			0	0	15K		Thunderstorm Wind
--------------------------------	----	--------------------	--	--	---	---	-----	--	--------------------------

The public reported that several trees were blown down both in Calhoun and at Spring Valley, just west of Calhoun. The Calhoun Times reported that a large tree was blown over onto a home in the city causing damage to the garage and a neighboring house.

Bartow County

Adairsville to Rydal	28	1918EST 1933EST			0	0			Hail(1.75)
-----------------------------	----	--------------------	--	--	---	---	--	--	-------------------

Several reports of hail ranging in size from quarters, to half-dollars, to golf balls were received from the public.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>GEORGIA, North and Central</u>									
Cherokee County									
Canton to Woodstock	28	1957EST 2017EST			0	0			Hail(1.00)
									Several reports were received from the public of hail ranging in size from dimes to quarters. Hail reports were received from Holly Springs, Canton, and Woodstock..
Fulton County									
Roswell to Ocee	28	2023EST 2044EST			0	0			Hail(1.75)
									Numerous reports were received from the public of hail ranging in size from dimes to golf balls. Most of the large half-dollar to golf ball size hail reports came from the Roswell and Alpharetta areas. At least one person indicated that the hail covered the ground and another indicated that it hailed for several minutes.
Fulton County									
Roswell	28	2030EST			0	0			Funnel Cloud
									A local police officer reported sighting a funnel cloud. Doppler radar showed significant rotation on this cell in this general area at the time.
Fulton County									
Roswell to Alpharetta	28	2030EST			0	0	7K		Thunderstorm Wind
									The public reported that several trees and some power lines were blown down.
Gwinnett County									
Duluth to Snellville	28	2035EST 2124EST			0	0			Hail(1.75)
									A tremendous number of reports of hail, ranging in size from dimes to golf balls, were received from Duluth, to Norcross, to Lilburn, to Lawrenceville, to Snellville. The golf ball size hail was confined to the Norcross and Duluth areas in the western part of the county. At least three reports of dime to quarter size hail covering the ground and the roads were received from the Lilburn and Lawrenceville area. In one instance, in Lilburn, the dime size hail was observed to be 3.5 inches deep.
Gwinnett County									
Lilburn	28	2106EST			0	0	50K		Lightning
									The Gwinnett Daily Post in Lawrenceville reported that lightning struck and set on fire a two-story brick home in Lilburn. The home suffered heavy damage to the attic and roof and personal belongings.
Gwinnett County									
Snellville	28	2115EST 2118EST			0	0			Funnel Cloud
									At least two reports were received from a storm spotter and a public service radio station of funnel clouds in the Snellville area. This was consistent with rotation indicated on the WSR-88D Doppler radar at this time. This storm was a supercell, right mover type storm.
Walton County									
Loganville to 3 S Loganville	28	2125EST 2130EST			0	0			Hail(0.88)
									Several reports of dime to nickel size hail were relayed by amateur radio operators.
Rockdale County									
Conyers	28	2128EST			0	0			Funnel Cloud
									The public reported a funnel cloud in the Conyers area. This was consistent with earlier reports from Gwinnett and Fulton counties and WSR-88D Doppler velocity data. This storm was a well tracked and long lived supercell type thunderstorm
Gwinnett County									
5 SW Lawrenceville	28	2135EST			0	0	2K		Thunderstorm Wind
									The public reported that some tree limbs, blown down by thunderstorm winds, fell on a car, causing damage to the vehicle.
Newton County									
Covington	28	2135EST 2138EST			0	0			Hail(1.00)
									The public reported dime to quarter size hail.
Floyd County									
Rome	28	2158EST			0	0	2K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

April 2002

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

GEORGIA, North and Central

The Floyd county 911 center reported that several trees were blown down in the city.

Floyd County

Rome	28	2203EST			0	0	1K		Lightning
-------------	----	---------	--	--	---	---	----	--	------------------

The Floyd county 911 center reported that lightning set a transformer and the adjacent structure on fire. Damage was minimal and there were no injuries or deaths reported.

Floyd County

1 S Rome to Silver Creek	28	2204EST			0	0			Hail(1.00)
---------------------------------	----	---------	--	--	---	---	--	--	-------------------

Numerous reports were received from the public and amateur radio operators of hail ranging in size from dimes to quarters. There were two reports that the hail lasted for several minutes. One report from Silver Creek indicated that hail of various sizes from dimes up to quarters lasted up to 10 minutes.

Carroll County

Mt Zion	28	2248EST 2252EST			0	0			Hail(0.88)
----------------	----	--------------------	--	--	---	---	--	--	-------------------

The public reported nickel size hail.

Coweta County

Newnan	28	2345EST			0	0			Hail(0.75)
---------------	----	---------	--	--	---	---	--	--	-------------------

The public reported dime size hail.

Cherokee County

Holbrook	28	2356EST			0	0			Hail(1.00)
-----------------	----	---------	--	--	---	---	--	--	-------------------

The Cherokee county Emergency Management Director reported dime to quarter size hail at a large farm in the southeast part of the county.

Cherokee County

Holbrook	28	2356EST			0	0	42K		Thunderstorm Wind
-----------------	----	---------	--	--	---	---	-----	--	--------------------------

The Cherokee county Emergency Management Director reported that several trees were blown down, destroying two vehicles at a large farm in the southeast part of the county.

Coweta County

3 SE Dresden	29	0000EST			0	0	1K		Thunderstorm Wind
---------------------	----	---------	--	--	---	---	----	--	--------------------------

The Coweta county 911 center reported trees down on Smokey Road and Belk Road in the southwest part of the county.

Clayton County

3 NW Lovejoy to Lovejoy	29	0005EST 0010EST			0	0			Hail(0.75)
--------------------------------	----	--------------------	--	--	---	---	--	--	-------------------

The public reported dime size hail.

Troup County

La Grange	29	0115EST			0	0	2K		Thunderstorm Wind
------------------	----	---------	--	--	---	---	----	--	--------------------------

The Troup county 911 center reported that several trees were blown down.

Lamar County

Barnesville	29	0145EST			0	0			Hail(0.75)
--------------------	----	---------	--	--	---	---	--	--	-------------------

The Lamar county 911 center reported dime size hail.

Bibb County

Lizella	29	0224EST			0	0			Hail(0.75)
----------------	----	---------	--	--	---	---	--	--	-------------------

The public reported dime size hail.

Heard County

Centralhatchee	30	0900EST			0	0	1K		Thunderstorm Wind
-----------------------	----	---------	--	--	---	---	----	--	--------------------------

The Heard county 911 center reported that several trees had been blown down.

Coweta County

Moreland	30	0940EST			0	0			Hail(0.75)
-----------------	----	---------	--	--	---	---	--	--	-------------------

Radio Station WCOH reported dime size hail.

Coweta County

1 SW Moreland	30	0940EST			0	0	2K		Thunderstorm Wind
----------------------	----	---------	--	--	---	---	----	--	--------------------------

The Newnan Times/Herald reported that trees were blown down on a power line on Bethlehem-Church Road, southwest of Moreland.

Storm Data and Unusual Weather Phenomena

April 2002

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

Upson County

Thomaston	30	1020EST			0	0			Hail(0.75)
-----------	----	---------	--	--	---	---	--	--	------------

The Upson county Emergency Management Director reported dime size hail.

Upson County

Thomaston	30	1020EST			0	0	1K		Thunderstorm Wind
-----------	----	---------	--	--	---	---	----	--	-------------------

The Upson county Emergency Management Director reported that several trees had been blown down.

Cobb County

Powder Spgs	30	1500EST			0	1	25K		Lightning
-------------	----	---------	--	--	---	---	-----	--	-----------

The Marietta Daily Journal reported that a large oak tree on Villa Rica Road in Powder Springs was struck by lightning. The tree split and fell on a man's truck. The truck was totaled, but the male passenger inside only sustained minor injuries.

GEORGIA, Northeast

Rabun County

5 N Clayton	28	1830EST			0	0			Hail(1.00)
-------------	----	---------	--	--	---	---	--	--	------------

Rabun County

3 N Clayton	28	1945EST			0	0			Hail(1.00)
-------------	----	---------	--	--	---	---	--	--	------------

Stephens County

5 N Toccoa	28	2006EST			0	0			Hail(1.75)
------------	----	---------	--	--	---	---	--	--	------------

Stephens County

5 E Toccoa	28	2020EST 2030EST			0	0			Funnel Cloud
------------	----	--------------------	--	--	---	---	--	--	--------------

Stephens County

5 E Toccoa	28	2020EST 2030EST			0	0	100K		Hail(2.00)
------------	----	--------------------	--	--	---	---	------	--	------------

Stephens County

5 E Toccoa	28	2020EST 2030EST			0	0	25K		Thunderstorm Wind (G60)
------------	----	--------------------	--	--	---	---	-----	--	-------------------------

Numerous trees and power lines were reported down near Lake Hartwell. At least one tree fell onto a house.

Hart County

1 NE Hartwell	28	2050EST			0	0	0.50K		Thunderstorm Wind (G52)
---------------	----	---------	--	--	---	---	-------	--	-------------------------

Four to five inch limbs were reported down.

GEORGIA, Southeast

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

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

01	0000EST				0	0			Drought
30	2359EST								

Moderate to severe drought conditions persisted over southeast Georgia through the month of May. Only .39 inches fell for the entire month and most of it (.28 in) fell on the 10th. The deficit for the month was 2.93 inches.

GEORGIA, Southwest

Decatur County

Climax	03	1915EST			0	0			Hail(1.75)
--------	----	---------	--	--	---	---	--	--	------------

Golfball size hail reported by the Decatur County Sheriff.

Mitchell County

5 N Camilla	03	2002EST 2007EST			0	0	100K	100K	Hail(1.75)
-------------	----	--------------------	--	--	---	---	------	------	------------

Golfball size hail damaged several vehicles and homes. The hail destroyed several strawberry and peach crops, and damaged watermelon, cantaloupe and tomato crops on a farm located off U.S. Highway 19/300. Reported by the Mitchell County Sheriff.

Storm Data and Unusual Weather Phenomena

April 2002

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

GEORGIA, Southwest

Mitchell County Camilla	03	2002EST			0	0	10K		Thunderstorm Wind
An irrigation system was overturned off State Highway 37. Reported by the Albany Herald.									

Colquitt County 13 SW Moultrie	03	2010EST			0	0			Hail(0.75)
Dime size hail reported by a SKYWARN storm spotter.									

Colquitt County Northeast Portion	03	2035EST			0	0			Hail(0.75)
Dime size hail reported by a SKYWARN storm spotter.									

Turner County Ashburn	03	2037EST			0	0			Hail(1.75)
Golfball size hail reported by the Turner County EMA.									

Turner County Ashburn	03	2037EST			0	0	1K		Thunderstorm Wind
Downed trees reported by the Turner County EMA.									

Tift County Northeast Portion	03	2050EST			0	0			Hail(0.75)
Dime size hail reported by the Tift County Sheriff.									

Worth County 13 SE Sylvester	03	2055EST			0	0			Hail(1.25)
Quarter size hail reported by a SKYWARN storm spotter.									

Ben Hill County Countywide	03	2120EST 2125EST			0	0			Hail(1.75)
Numerous reports of golfball size hail by the Ben Hill County Sheriff.									

Calhoun County Oak Hill to Morgan	30	1735EST 1740EST			0	0			Hail(0.88)
Numerous reports of nickel size hail by the Calhoun County Sheriff.									

Baker County Countywide	30	1800EST 1810EST			0	0	1K		Thunderstorm Wind
Downed trees reported by the Baker County Sheriff.									

Colquitt County Moultrie	30	1905EST			0	0	1K		Thunderstorm Wind
Downed trees on U.S. Highway 319 reported by the Colquitt County Sheriff.									

Randolph County Cuthbert	30	2035EST			0	0	3K		Thunderstorm Wind
Several downed trees and power lines reported by the Randolph County Sheriff.									

GULF OF MEXICO

GMZ830 Old Tampa Bay	03	1104EST			0	0			Marine Tstm Wind (G45)
--------------------------------	----	---------	--	--	---	---	--	--	-------------------------------

GMZ830 Lower Tampa Bay	03	1145EST			0	0			Marine Tstm Wind (G36)
A line of strong thunderstorms developed just west of Tampa Bay, then moved through the Bay, producing locally gusty winds in excess of 34 knots, as measured at sites along the shorelines of Old Tampa Bay (St. Petersburg/Clearwater International Airport) and near the mouth of the Bay (Port Manatee Coastal reporting station).									

GMZ335 5 NW Beach City to 5 NE Beach City	08	0136CST			0	0			Marine Tstm Wind (G42)
Morgans Point Hgports system recorded a 42 knot (49 mph) wind gust.									

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>GULF OF MEXICO</u>									
GMZ355			High Is To Freeport Tx Out 20Nm						
10 NE San Luis Pass	08	0659CST 0729CST			0	0			Marine Tstm Wind (G49)
			Jamaica Beach on west Galveston Island received 36 knot to 49 knot wind gusts.						
GMZ335			Galveston Bay						
8 SE Texas City	08	0710CST 0730CST			0	0			Marine Tstm Wind (G43)
			Galveston Bay Entrance North Jetty Hports system recorded 35 knot to 43 knot wind gusts.						
GMZ355			High Is To Freeport Tx Out 20Nm						
10 NE San Luis Pass	08	0729CST			0	0			Marine Tstm Wind (G49)
			Jamaica Beach received 49 knot wind gust.						
GMZ335			Galveston Bay						
5 NW Beach City	08	0730CST 0754CST			0	0			Marine Tstm Wind (G68)
			Morgans Point hports system, on the northwest side of Galveston Bay, recorded 52 knot to 68 knot wind gusts.						
GMZ375			High Is To Freeport Tx 20 To 60Nm						
20 E Galveston	08	1000CST 1100CST			0	0			Marine Tstm Wind (G35)
			Buoy 42035 in the Gulf of Mexico recorded 34 knot to 35 knot wind gusts.						
GMZ530			Lake Ponchartrain And Lake Maurepas						
E Lake Pontchartrain	08	1306CST			0	0			Marine Tstm Wind (G35)
GMZ530			Lake Ponchartrain And Lake Maurepas						
Mid Lke Pontchartrain	08	1321CST			0	0			Marine Tstm Wind (G50)
GMZ530			Lake Ponchartrain And Lake Maurepas						
Lkfrnt Arpt New	08	1326CST			0	0			Marine Tstm Wind (G39)
GMZ550			Sw Pass Of The Ms R To Atchafalaya R La Out 20Nm						
20 S Venice	08	1331CST			0	0			Marine Tstm Wind (G38)
GMZ530			Lake Ponchartrain And Lake Maurepas						
Lkfrnt Arpt New	08	1334CST			0	0			Marine Tstm Wind (G57)
GMZ550			Sw Pass Of The Ms R To Atchafalaya R La Out 20Nm						
7.5 NE Cocodrie	08	1345CST			0	0			Waterspout
			Several waterspouts were sighted.						
GMZ550			Sw Pass Of The Ms R To Atchafalaya R La Out 20Nm						
20 S Venice	08	1408CST			0	0			Marine Tstm Wind (G37)
GMZ555			Pascagoula Ms To Sw Pass Of Ms R Out 20Nm						
10 S Biloxi	08	1636CST			0	0			Marine Tstm Wind (G41)
GMZ555			Pascagoula Ms To Sw Pass Of Ms R Out 20Nm						
10 S Biloxi	08	1700CST			0	0			Marine Tstm Wind (G41)
GMZ550			Sw Pass Of The Ms R To Atchafalaya R La Out 20Nm						
20 S Venice	08	1733CST			0	0			Marine Tstm Wind (G40)
GMZ550			Sw Pass Of The Ms R To Atchafalaya R La Out 20Nm						
20 S Venice	08	1829CST			0	0			Marine Tstm Wind (G37)
GMZ650			Pensacola Fl To Pascagoula Ms Out 20Nm						
Dauphin Island	08	1845CST			0	0			Marine Tstm Wind (G34)
			A wind gust of 34 knots was measured on Dauphin Island as thunderstorms moved through.						
GMZ550			Sw Pass Of The Ms R To Atchafalaya R La Out 20Nm						
20 S Venice	08	1908CST			0	0			Marine Tstm Wind (G34)
GMZ630			Mobile Bay						
Point Clear	14	1310CST 1312CST			0	0			Waterspout
			A motorist observed a waterspout over Mobile Bay south of I-10. The waterspout dissipated over the bay.						

Storm Data and Unusual Weather Phenomena

April 2002

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

GULF OF MEXICO

GMZ73	Craig Key To The W End Of The 7 Mile Bridge 20 To 60Nm								
7 ESE Marathon	29	0701EST			0	0			Waterspout

HAWAII

HIZ001>007	Kauai - Oahu - Maui - North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - Molokai - Lanai - West Hawaii Including Leeward Kohala And Kona								
	01	0000HST			0	0			High Surf
	02	2200HST							
A storm low far north of the state caused surf of 15 to 20 feet along the north- and northwest-facing shores of all the Hawaiian Islands. There were no reports of serious property damage or injuries.									

HIZ004-007>008	North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - West Hawaii Including Leeward Kohala And Kona - South Hawaii Including Kau								
	01	0000HST			0	0			High Wind (G56) ^M
	02	1600HST							
A jet stream over the Big Island of Hawaii generated west to southwest winds of 50 to 60 mph, with gusts to 65 mph, near the summits of Mauna Kea and Mauna Loa. No serious injuries or property damage were reported.									

HIZ003	Maui								
	01	1900HST			0	1			High Wind (G56)
	02	1000HST							
A jet stream just south of Maui produced west to southwest winds estimated at 50 to 60 mph, with gusts to 65 mph, near the summit of Haleakala on the Valley Isle. Two women and a young child were caught by surprise by the strong winds while spending time at a wilderness area near Kapalaoa cabin at about the 10 thousand-foot level. One of the women, with severe hypothermia, was rescued by park rangers on the evening of the 1st; while the other woman and her daughter were able to hike out of the area the next morning, on the 2nd, under their own power. There were no other reports of serious injuries or property damage.									

HIZ004-007>008	North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - West Hawaii Including Leeward Kohala And Kona - South Hawaii Including Kau								
	02	1600HST			0	0			Strong Wind
		2030HST							
As a jet stream weakened over the Big Island of Hawaii, west to southwest winds decreased to the 30 to 40 mph range, with occasional gusts to 45 mph. However, there were no reports of serious property damage or injuries.									

HIZ001>008	Kauai - Oahu - Maui - North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - Molokai - Lanai - West Hawaii Including Leeward Kohala And Kona - South Hawaii Including Kau								
	26	0700HST			0	0			High Surf
	27	1600HST							
A storm low far south of the equator generated surf of 6 to 12 feet along the south shores of all the Hawaii Islands. However, no serious injuries or property damage were reported.									

HIZ001>008	Kauai - Oahu - Maui - North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - Molokai - Lanai - West Hawaii Including Leeward Kohala And Kona - South Hawaii Including Kau								
	28	1300HST			0	0			High Surf
	30	2030HST							
A storm low far south of the equator caused surf of 6 to 12 feet along the south-facing shores of all the islands. No serious property damage or injuries were reported.									

Hawaii County									
Laupahoehoe to Naalehu	29	0830HST			0	0			Heavy Rain
		1730HST							
Heavy showers being produced by a westward-moving surface trough caused minor drainage ditch and stream flooding and ponding of roadways in the Hilo, Puna, and Kau districts on the Big Island of Hawaii. Limited stretches of the Hawaii Belt Road between Volcano and Naalehu were closed for a time due to flooding. No serious property damage or injuries were reported.									

Storm Data and Unusual Weather Phenomena

April 2002

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

HAWAII WATERS

PHZ130	Channels Between The Islands								
4.5 SSW Makapuu Point	20	1440HST 1500HST			0	0			Waterspout

An airplane pilot spotted a waterspout approximately 1 mile east of Koko Head, in the Kaiwi Channel just off Oahu. However, there were no reports that the waterspout caused any injuries or property damage.

IDAHO, Extreme Southeast

NONE REPORTED.

IDAHO, North

Clearwater County									
Orofino	14	1200MST 1500MST			0	0			Urban/Sml Stream Fld

Small stream flooding occurred near Orofino and Weippe from snowmelt and heavy rainfall. Water covered a few roads with sand bagging and evacuations during the event.

IDZ007-010	Orofino / Grangeville Region - Eastern Lemhi County								
		14	1330MST 1500MST		0	0			High Wind (G42)

Strong winds associated with a cold front generated minor sign and vehicle damage in the Grangeville area, while power lines and trees were knocked down in Orofino and Salmon, Idaho.

IDZ006-009>010	Southern Clearwater Mountains - Western Lemhi County - Eastern Lemhi County								
		17	0600MST		0	0			Heavy Snow
		18	1200MST						

A heavy wet snow started on the morning of the 17th and continued into midday on the 18th. Snow amounts ranged from 7 inches at Hemlock Butte to 8 inches at Mountain Meadows and Schwartz Lake. Up to two feet fell at Lost Trail Pass near 7000 feet.

IDAHO, Northwest

IDZ004	Central Panhandle Mountains								
		14	0245PST		0	0			Flood
		16	0642PST						

Several days of warm weather, wind and rain caused rapid mid-elevation snowmelt. This pushed the Coeur D'Alene River at Cataldo above its flood stage of 43 feet on April 14. The river crested at 46.51 feet at 245 AM PDT on the 15th before falling back below flood stage on the 16th. Sandbagging was necessary to keep water out of three homes near Cataldo.

IDZ026	Lewiston Area								
		14	0600PST 1800PST		0	0			High Wind (G47) ^M

Strong jet stream winds pushed a cold front across the Idaho panhandle on April 14, bringing high wind to the Lewiston-Clarkston Valley. The ASOS at the Lewiston-Nez Perce County Airport measured sustained winds as high as 41 mph and a peak wind gust to 54 mph.

IDZ004	Central Panhandle Mountains								
		14	1040PST		0	0			Flood
		20	0945PST						

Several days of warm weather, wind and rain caused rapid mid-elevation snowmelt. This pushed the Saint Joe River at Saint Maries above its flood stage of 32.5 feet on the 14th. The river crested at 36.19 feet at 1045 AM PDT on the 15th before falling back below flood stage on the 20th.

IDZ004	Central Panhandle Mountains								
		14	1315PST 2220PST		0	0			Flood

Several days of warm weather, rain and wind caused rapid mid-elevation snowmelt. This pushed the Saint Joe River at Calder above its flood stage of 13 feet. The river crested at 13.24 feet at 600 PM PDT before falling back below flood stage.

Storm Data and Unusual Weather Phenomena

April 2002

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

IDAHO, Northwest

IDZ004

Central Panhandle Mountains

14 1613PST
15 1052PST

0 0

Flood

Several days of warm weather, rain and wind caused rapid mid-elevation snowmelt. This pushed the North Fork Coeur D'Alene River at Enaville above its flood stage of 72 feet. The river crested at 73.2 feet at 1100 PM PDT before falling back below flood stage.

IDAHO, Southeast

Blaine County

Bellevue

14 1230MST
1330MST

0 0

Thunderstorm Wind (G60)

Thunderstorm winds of 60 mph knocked down several trees in the town of Bellevue

Butte County

**20 SW Arco to
Arco**

14 1250MST
1320MST

0 0

Thunderstorm Wind (G86)^M

A 99 mph wind gust was measured by the INEEL mesonet site at Craters of the Moon National Monument.

Bingham County

Blackfoot

14 1330MST
1415MST

0 0

Thunderstorm Wind (G61)^M

A thunderstorm wind of 71 mph was measured at an INEEL mesonet site in NW Bingham county. Extensive damage occurred in Blackfoot in Eastern Bingham County with trees down and irrigation lines damaged.

Butte County

**27 SW Arco to
Arco**

14 1345MST
1405MST

0 0

Thunderstorm Wind (G61)^M

71 mph thunderstorm wind measured at the Potter Butte RAWS site.

Bonneville County

Idaho Falls

14 1400MST
1500MST

0 0

Thunderstorm Wind (G51)^M

Strong thunderstorms caused damage in Idaho Falls knocking down power lines. As many as 1,000 customers lost power in Idaho Falls for up to three hours. Wind speeds measured 59 mph at the Kettle Butte INEEL mesonet site at 3 pm MST.

Madison County

Hibbard

14 1400MST
1430MST

0 0

5K

Thunderstorm Wind

Thunderstorm wind caused 50 foot tree to land on a residence in Hibbard damaging the roof and knocking out a window.

Power County

American Falls

14 1400MST
1430MST

0 0

1K

Thunderstorm Wind

Thunderstorm winds caused trees to be downed at the American Falls golf course.

Fremont County

St Anthony

14 1400MST
1500MST

0 0

10K

Thunderstorm Wind

Thunderstorm winds caused extensive damage in Fremont County. 13 power poles were downed and 900 customers were without power...some for over 24 hours. roofs were blown off two spud cellars in St Anthony. Extensive property damage west of 2300 East in St Anthony.

Madison County

Sugar City

14 1410MST
1430MST

0 0

Thunderstorm Wind (G70)^M

An 81 mph thunderstorm wind gust was measured at the Sugar City INEEL mesonet site.

Madison County

Rexburg

14 1415MST
1425MST

0 0

Thunderstorm Wind (G56)^M

A 65 mph thunderstorm wind was measured at the Rexburg INEEL mesonet site.

Clark County

Dubois

14 1420EST
1450EST

0 0

Thunderstorm Wind (G69)

A 79 mph thunderstorm wind gust caused large trees in Dubois to be felled damaging several roofs within the city.

Storm Data and Unusual Weather Phenomena

April 2002

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

IDAHO, Southeast

Jefferson County

Terreton	14	1445MST 1515MST			0	0			Thunderstorm Wind (G63)^M
----------	----	--------------------	--	--	---	---	--	--	--

A 73 mph thunderstorm wind was measured at the Terreton INEEL mesonet site. Winds also downed power lines in Jefferson County.

IDZ017-019>023

Eastern Magic Valley - Upper Snake Highlands - Upper Snake River Plain - Lower Snake River Plain - South Central Highlands - Caribou Highlands

15	1100MST				2	0	10K		Heavy Snow
16	1300MST								

One day after thunderstorm winds caused extensive damage in southeast Idaho, a mid-April snowstorm dumped heavy wet snow over the same region. It was the heaviest snow of the season in the Snake River Plain. It ranked as the 8th greatest 24 hour snowfall ever at the Pocatello airport and 3rd greatest April snowfall ever. 9 inches fell at the Pocatello airport by the morning of April 16th. Generally 8 to 12 inches fell in the Pocatello, American Falls, Blackfoot and Chubbuck city areas. Snow was even heavier in Idaho Falls where the city received 12 to 16 inches of snow. 10 inches fell in Moreland, 6 inches in Island Park, 7 inches in Teton, 8 inches in Wayan, 10 inches in Rexburg, 7 inches in Rigby, 13 inches in Shelley, 11 inches in Rockland, and 7 inches at Malad and Malta. The storm caused more power outages to 140 customers as downed tree limbs from the heavy wet snow fell into power lines after service was just restored from the previous days thunderstorms. The heavy snow also did extensive damage to the Idaho Falls Tautphaus Zoo collapsing a roof to a cat exhibit. The snow caused a fatal accident on Highway 81 seven miles east of Declo fatally injuring a 32 year woman and her 2 year old son. F32VE, M2VE

IDZ017-019>021

Eastern Magic Valley - Upper Snake Highlands - Upper Snake River Plain - Lower Snake River Plain

23	0700MST 2000MST				0	0	4.5M		High Wind (G61)^M
----	--------------------	--	--	--	---	---	------	--	------------------------------------

One week after a heavy snowstorm, the same area in southeastern Idaho was hit by a windstorm. The passage of a strong cold front created the winds on April 23rd. Sustained winds on the 23rd were between 40 and 50 mph with gusts reaching 60 to 70 mph throughout the afternoon covering the entire Snake River Plain from Minidoka northeast through Pocatello, Craters of the Moon, Blackfoot, Idaho Falls to Rexburg. The winds also did damage in the Upper Snake Highlands as well. 10,000 residents lost power in Blackfoot, Pocatello, and Chubbuck. The winds created poor visibility and blowing dust and closed roads. Interstate 15 was closed from Idaho Falls to Roberts. US Highway 20 was closed from Arco to the Idaho National Engineering and Environmental Laboratory. State Highway 26 was closed and Jefferson county closed schools. The wind did extensive damage to homes downing trees and large limbs as well as power lines throughout southeastern Idaho. Damage from the wind storm was estimated at around 4.5 million across the region.

IDAHO, Southwest

Valley County

Mc Call	14	1030MST 1040MST			0	0			Thunderstorm Wind (G50)
---------	----	--------------------	--	--	---	---	--	--	--------------------------------

A strong pacific cold frontal system generated thunderstorms from the Idaho-Oregon state line Eastward across Southwest Idaho. Trees were blown down 7 miles South of Mc Call in Valley County.

Canyon County

Nampa	14	1100MST 1110MST			0	0			Thunderstorm Wind (G54)^M
-------	----	--------------------	--	--	---	---	--	--	--

A severe thunderstorm wind gust of 54 knots destroyed a carport 10 miles South of Nampa in Canyon County.

IDZ011

West Central Mountains

14	1100MST 1800MST				0	0			Flood
----	--------------------	--	--	--	---	---	--	--	--------------

Heavy rain and snowmelt near Donnelly in Valley County caused small stream flooding which washed out West Rockberry Road and Mud Creek Bridge. A sewer line and several culverts were also destroyed and a 50-mile detour resulted from the damage.

Elmore County

Glenns Ferry	14	1118MST 1233MST			0	0			Thunderstorm Wind (G52)
--------------	----	--------------------	--	--	---	---	--	--	--------------------------------

A trained storm spotter reported 50 to 60 MPH thunderstorm winds and minor street flooding in Glenns Ferry, Elmore County.

Gooding County

Gooding	14	1245MST 1300MST			0	0			Thunderstorm Wind (G60)
---------	----	--------------------	--	--	---	---	--	--	--------------------------------

A trained storm spotter reported that severe thunderstorm winds destroyed a 20-foot tall by 15-foot wide granary in Gooding.

A line of strong thunderstorms resulting from a Pacific cold frontal passage caused damage as it moved East from Canyon and Ada Counties through Boise, Owyhee, and Camas County to the Eastern edge of the county warning area. Mudslides also occurred on Highway 17 East of Banks in Boise County. These mudslides occurred near steep terrain in an area undermined by previous

Storm Data and Unusual Weather Phenomena

April 2002

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

IDAHO, Southwest

mudslides.

IDZ011

West Central Mountains

14	1700MST				0	0		Flood
15	0000MST							

The Weiser River North of Council in Adams County flooded into low-lying pasture areas as a result of heavy rain and snowmelt. In addition, the Weiser River in Washington County crested near it's flood stage of 12.0 feet.

ILLINOIS, Central

Peoria County

2.5 W Hanna City	02	0728CST			0	0		Hail(0.75)
------------------	----	---------	--	--	---	---	--	------------

McLean County

Gridley	02	0750CST			0	0		Hail(0.88)
---------	----	---------	--	--	---	---	--	------------

Woodford County

Washburn	02	0838CST			0	0		Hail(0.75)
----------	----	---------	--	--	---	---	--	------------

Vermilion County

Sidell to Danville	12	1320CST 1345CST			0	0		Hail(1.00)
--------------------	----	--------------------	--	--	---	---	--	------------

Hail up to one inch was reported in Sidell, Georgetown, and Danville.

Shelby County

2 NW Findlay	12	1408CST			0	0		Hail(0.75)
--------------	----	---------	--	--	---	---	--	------------

Douglas County

Tuscola	12	1442CST			0	0		Hail(0.75)
---------	----	---------	--	--	---	---	--	------------

Coles County

Ashmore	12	1444CST			0	0		Hail(0.88)
---------	----	---------	--	--	---	---	--	------------

Vermilion County

Georgetown	12	1500CST 1800CST			0	0		Flash Flood
------------	----	--------------------	--	--	---	---	--	-------------

Very heavy rain fell over extreme southern portions of Vermilion County. Illinois Route 1 and several secondary roads were closed due to high water. Numerous basements were flooded in Georgetown with some residents evacuated. No injuries were reported. Also several township roads in the area were washed out.

Coles County

Ashmore	12	1515CST			0	0		Hail(1.00)
---------	----	---------	--	--	---	---	--	------------

Vermilion County

Sidell to Georgetown	12	1519CST 1520CST			0	0		Hail(0.75)
----------------------	----	--------------------	--	--	---	---	--	------------

Edgar County

Paris to Chrisman	12	1525CST 1530CST			0	0		Hail(1.00)
-------------------	----	--------------------	--	--	---	---	--	------------

Clay County

Flora	12	1602CST 1702CST			0	0		Flash Flood
-------	----	--------------------	--	--	---	---	--	-------------

Very heavy rainfall fell in a short period of time over southern sections of Clay County. Three to 6 inches of water was reported over numerous roads in Flora.

Clay County

3 S Clay City to 6 S Clay City	12	1615CST 1620CST			0	0		Hail(1.75)
--------------------------------	----	--------------------	--	--	---	---	--	------------

Edgar County

Paris	12	1615CST 1730CST			0	0		Flash Flood
-------	----	--------------------	--	--	---	---	--	-------------

Very heavy rainfall fell over a short amount of time in Paris. Numerous roads in the area were flooded as well as basements. Several people were rescued from their cars after driving into areas with water over the roads. No injuries were reported.

Christian County

5 S Mt Auburn	19	1736CST			0	0		Hail(0.75)
---------------	----	---------	--	--	---	---	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ILLINOIS, Central									
Macon County									
Blue Mound	19	1750CST			0	0	0		Hail(1.50)
Cass County									
Beardstown	19	1820CST			0	0	0		Hail(0.75)
Cass County									
Beardstown to Philadelphia	19	1820CST 1847CST			0	0			Thunderstorm Wind (G55)
Scattered wind damage was reported in portions of Cass County along and south of a Beardstown to Philadelphia line. The damage was due to the rear flank downdraft of the severe thunderstorm. Damage consisted of numerous trees toppled or broken off, power poles snapped off, an irrigation rig thrown over and damage to a barn.									
Cass County									
3.5 ESE Bluff Spgs to 2.5 NW Virginia	19	1827CST 1832CST	2	40	0	0			Tornado (F1)
A tornado briefly touched down 3.5 miles east southeast of Bluff Springs near Illinois Route 125. It was on the ground for about 2 miles, moving east northeast. Thirty to forty large trees were either broken off or uprooted. Also, a grain bin and three barns were destroyed. An ATV was picked up and thrown a short distance into a pickup truck. A number of power poles were snapped off. The tornado lifted about 2.5 miles northwest of Virginia.									
Piatt County									
Cerro Gordo	19	1840CST			0	0	0		Hail(1.75)
Menard County									
Countywide	19	1900CST 1915CST			0	0	0		Thunderstorm Wind (G55)
Numerous trees and powerlines and were blown down countywide. Also, a propane tank was blown over just south of Athens									
Sangamon County									
1 W Pleasant Plains to Springfield Arpt	19	1900CST 1925CST			0	1	0		Thunderstorm Wind (G64) ^M
A bow echo moved through northern portions of Sangamon county, producing widespread damage. West of Pleasant Plains, numerous trees and powerlines were blown down. In Salisbury, two mobile homes sustained minor damage while another one was rolled off its foundation and destroyed. No injuries reported there. Just west of Capital Airport, two mobile homes were destroyed after being rolled off their foundations. One was occupied at the time and the occupant sustained minor cuts and bruises.									
Champaign County									
Southeast Portion	19 20	1934CST 0130CST			0	0	0		Flash Flood
Over 6 inches of rain fell in a short amount of time in southeastern Champaign county, between Pesotum and Broadlands. Numerous roads in the area were flooded with several roads washed out. No structural damage was reported with the flooding and no injuries were reported.									
Douglas County									
Villa Grove	19 20	1937CST 0130CST			0	1	0		Flash Flood
Over 6 inches of rain fell over northern portions of Douglas County in the Villa Grove area. This caused considerable flooding. One and a half to two feet of water flowed over roads in town, while roads on the west side of town were covered with 3 to 4 feet of water. Numerous garages and basements were flooded, with one business sustaining flood damage. Numerous people had to be rescued from their vehicles after driving around the barricades blocking flooded roads in town. Around 10 pm, a car was reported washed off the road near the intersection of county road 1350E and 1500N, a few miles west of Villa Grove. Two people were rescued from the car with one occupant sustaining a broken arm. No other injuries were reported.									
Christian County									
North Portion	19	2100CST 2230CST			0	0	0		Flash Flood
Very heavy rain fell over a short period of time in northern portions of Christian county. The Edinburg-Mt. Auburn blacktop was down to one lane for a while due to water over the road. Also, Illinois Route 104 near Kincaid had water over it as well as Illinois Route 48 near Stonington. No structural damage or injuries were reported with the flooding.									
Logan County									
Mt Pulaski	19	2127CST 2200CST			0	0	0		Flash Flood
Very heavy rain fell over a short period of time in Mt. Pulaski. This caused a viaduct to flood on the east side of town. The water was 4 feet deep. No rescues or injuries were reported.									

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>ILLINOIS, Central</u>									
Edgar County									
1 N Scotland	21	0630CST 0730CST			0	0	0	0	Flash Flood
Several rural roads north of Scotland had water covering the roads making them unpassable.									
Moultrie County									
Lake City	21	0630CST 0915CST			0	0	0	0	Flash Flood
Several roads in and around Lake City were closed due to flooding. No structural damage or injuries were reported due to the flooding.									
Douglas County									
Tuscola to Villa Grove	21	0705CST 0930CST			0	0	0	0	Flash Flood
Numerous roads were flooded in Tuscola, Camargo, and Villa Grove, including Illinois Route 130. Several basements were flooded as well. No injuries were reported.									
Christian County									
Taylorville	21	0800CST 0900CST			0	0	0	0	Flash Flood
Heavy rains caused several roads on the west side of Taylorville to become flooded for a brief time, including an underpass. No structural damage or injuries were reported due to the flooding.									
Lawrence County									
3 SW Russellville	21	1340CST			0	0			Thunderstorm Wind (G50)
Several large trees were blown down.									
Clay County									
Flora	21	1500CST 1530CST			0	0	0	0	Flash Flood
Due to heavy rains, several roads in town were blocked off by water flowing over them.									
Clay County									
Flora	21	1501CST			0	0			Thunderstorm Wind (G50)
Several trees and powerlines were blown down.									
Scott County									
Glasgow	24	1226CST			0	0	0	0	Hail(0.88)
Menard County									
3 SW Tallula	24	1400CST			0	0	0	0	Thunderstorm Wind (G50)
Thunderstorm winds blew down 10 power poles 3 miles southwest of Tallula.									
Tazewell County									
3 NE Mackinaw	24	1430CST			0	0	0	0	Thunderstorm Wind (G50)
Numerous trees were blown down in Mackinaw River State Fish and Wildlife Area.									
Effingham County									
Beecher City to Dieterich	24	1435CST 1457CST			0	0	0	0	Hail(1.00)
Clay County									
2 W Flora to 1 S Louisville	24	1445CST 1500CST			0	0	0	0	Hail(3.50)
Hail up to tennis ball size was reported in an area from Flora to Louisville. Most of the hail was golfball size. At least one windshield was broken by the large hail in Flora.									
Jasper County									
1 W Newton to Newton	24	1500CST 1505CST			0	0	0	0	Hail(1.75)
Crawford County									
Oblong	24	1520CST			0	0	0	0	Thunderstorm Wind (G50)
The aluminum facade of a business in Oblong was loosened by the thunderstorm winds.									
Crawford County									
Hardinville to Robinson	24	1525CST 1530CST			0	0	0	0	Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>ILLINOIS, Central</u>									
Cass County									
Countywide	27	1020CST 1715CST			0	0	0	0	Flash Flood
Water was over numerous roads in Cass County, including Illinois Route 125 west of Ashland and Illinois Route 78 just north of Chandlerville. Workers had to sandbag this area around Panther Creek due to rising waters. No structural damage was reported.									
Morgan County									
5 N Alexander to Alexander	27	1020CST 1615CST			0	0	0	0	Flash Flood
One foot of water covering southbound lane of Illinois Route 123 between Alexander and Ashland.									
Scott County									
Glasgow to Alsey	27	1020CST 1615CST			0	0	0	0	Flash Flood
The Glasgow Blacktop and Lower Alsey roads were flooded for a time due to the heavy rains.									
Menard County									
Countywide	27	1100CST 1715CST			0	0	0	0	Flash Flood
Numerous rural roads had water over them.									
Sangamon County									
Countywide	27	1100CST 1615CST			0	0	0	0	Flash Flood
Illinois Route 104 at the Waverly Blacktop was flooded. Also, roads were flooded in the Buffalo area. No structural damage was reported from the flooding.									
Logan County									
Lincoln	27	1145CST 1200CST			0	0	0	0	Flash Flood
An underpass on Old Route 66 was flooded on the northside of Lincoln.									
Fulton County									
Middlegrove	27	2107CST			0	0	0	0	Hail(0.75)
Peoria County									
Trivoli to Edwards	27	2124CST 2145CST			0	0	0	0	Hail(0.88)
Tazewell County									
East Peoria	27	2142CST			0	0	0	0	Hail(0.75)
Moultrie County									
Bethany to Sullivan	27	2145CST 2150CST			0	0	0	0	Hail(1.00)
Woodford County									
Germantown Hills to Metamora	27	2145CST 2150CST			0	0	0	0	Hail(0.75)
Moultrie County									
Sullivan	27	2200CST			0	0	0	0	Thunderstorm Wind (G50)
Several large tree limbs were blown down around town.									
Coles County									
1 S Loxa	27	2231CST			0	0	0	0	Hail(0.75)
Coles County									
5 W Charleston	27	2237CST			0	0	0	0	Thunderstorm Wind (G50)
The roof of a shed was blown off.									
Edgar County									
Paris	27	2253CST			0	0	0	0	Thunderstorm Wind (G50)
A large tree was blown down across a powerline.									
Clay County									
1 S Xenia to 3 S Clay City	27	2255CST 2315CST			0	0	0	0	Thunderstorm Wind (G60)
Thunderstorm winds blew down numerous trees and powerlines. A shed was destroyed south of Xenia.									

Storm Data and Unusual Weather Phenomena

April 2002

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

ILLINOIS, Central

Clay County

2 SW Flora to 3 SE Flora	27	2305CST 2310CST	5	200	0	5	0	0	Tornado (F1)
-----------------------------	----	--------------------	---	-----	---	---	---	---	--------------

A tornado touched down 2 miles southwest of Flora near the intersection of county road 1000E and 200N. At this location, it turned an unattached garage on its foundation. As the tornado travelled east along 200N it destroyed a mobile home. The three occupants sustained minor injuries. Debris from the mobile home was blown up to a mile away. It damaged 3 additional homes and a mobile home. Also, numerous trees were blown down and a propane tank was thrown a quarter of a mile. At the intersection of 1100E and 200N, a car was rolled three times and thrown into a ditch. Two occupants in the car had minor injuries, but refused treatment. As it continued east, the tornado destroyed an outbuilding. The last evidence of damage due to the tornado was located on county road 1500E, just north of 200N. Several powerlines and trees were blown over causing minor damage to a house and car.

Coles County

Mattoon to Charleston	27 28	2315CST 0125CST			0	0	0	0	Flash Flood
--------------------------	----------	--------------------	--	--	---	---	---	---	-------------

Several roads between Mattoon and Charleston had water over them.

Edgar County

Paris	27 28	2330CST 0030CST			0	0	0	0	Flash Flood
-------	----------	--------------------	--	--	---	---	---	---	-------------

Several roads in town had over a foot of water on them after very heavy rain fell in a short amount of time.

Edgar County

Paris	27	2330CST			0	0	200K	0	Thunderstorm Wind (G55)
-------	----	---------	--	--	---	---	------	---	-------------------------

Several trees and powerlines were blown down. Some of the fallen trees caused minor damage to a couple of homes. A large farm shed was destroyed on the south edge of town.

Lawrence County

Lawrenceville	27	2350CST			0	0	0	0	Thunderstorm Wind (G50)
---------------	----	---------	--	--	---	---	---	---	-------------------------

Several powerlines were blown down in town.

ILLINOIS, Northeast

Ogle County

2 SW Byron	18	1703CST			0	0	5K	0	Hail(1.75)
------------	----	---------	--	--	---	---	----	---	------------

Winnebago County

4 NW New Milford	18	1725CST			0	0	0	0	Hail(1.75)
------------------	----	---------	--	--	---	---	---	---	------------

Ogle County

Forreton	18	1737CST 1740CST			0	0	0	0	Hail(2.50)
----------	----	--------------------	--	--	---	---	---	---	------------

Winnebago County

3 W Rockford	18	1805CST			0	0	0	0	Thunderstorm Wind (G55)
--------------	----	---------	--	--	---	---	---	---	-------------------------

Lake County

Lake Villa to Round Lake	18	1815CST 1816CST			0	0	0	0	Hail(1.75)
-----------------------------	----	--------------------	--	--	---	---	---	---	------------

Lake County

Lake Villa to Round Lake Park	18	1815CST 1821CST			0	0	25K	0	Thunderstorm Wind (G58) ^M
----------------------------------	----	--------------------	--	--	---	---	-----	---	--------------------------------------

Lake County

2 E Zion	18	1843CST 1845CST	0.1	20	0	0	0	0	Tornado (F0)
----------	----	--------------------	-----	----	---	---	---	---	--------------

Severe Thunderstorms moved across far northern Illinois during the evening of Thursday April 18th. Hail 2 and 1/2 inches in diameter fell in Forreton in Ogle county causing minor damage to parked cars. Several three foot diameter trees were broken off 10 feet above the ground in a cemetery west of Rockford in Winnebago county. Winds were measured at 66 mph in Lake Villa at 715 pm CDT. The most significant damage was in a retirement community northeast of the intersection of highway 60 and Peterson road near Round Lake Park. The winds damaged roofs, porches and windows on 15 to 20 homes. The damage was confined to a narrow path about a block wide and half a mile long. Further east in Lake county, an F0 tornado briefly touched down on the beach east of Zion before moving offshore as a waterspout.

Storm Data and Unusual Weather Phenomena

April 2002

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

month, but rose no more than a few inches above flood stage. This resulted in minor flooding of low-lying areas near the river, primarily agricultural.

Franklin County Thompsonville

19	0720CST				0	0			Hail(1.00)
----	---------	--	--	--	---	---	--	--	-------------------

A very brief period of quarter size hail, lasting less than 30 seconds, was reported.

Perry County Central Portion

21	1359CST 1414CST				0	0	25K		Hail(1.75)
----	--------------------	--	--	--	---	---	-----	--	-------------------

A severe thunderstorm produced a swath of golf ball size hail across the county. Golf-ball size hail began along the Randolph County line near Cutler and continued east across Pinckneyville. Quarter size hail fell at Tamaroa. There were at least several homes and vehicles damaged by the hail.

Perry County 1 S Pinckneyville

21	1416CST				0	0			Funnel Cloud
----	---------	--	--	--	---	---	--	--	---------------------

Jefferson County Dix

21	1435CST				0	0			Hail(1.00)
----	---------	--	--	--	---	---	--	--	-------------------

Franklin County Rend Lake South

21	1445CST 1447CST				0	0	100K		Hail(1.75)
----	--------------------	--	--	--	---	---	------	--	-------------------

Golf ball size hail occurred at the Sesser exit of Interstate 57, and half-dollar size hail occurred at Rend Lake. At least a couple dozen vehicles and 50 homes were damaged to some degree.

Jefferson County 1.5 NE Bluford to 3 NE Bluford

21	1449CST 1451CST	1.5	100		0	0	2K		Tornado (F1)
----	--------------------	-----	-----	--	---	---	----	--	---------------------

The tornado formed about one-half mile north of Illinois Route 15, just west of the Wayne/Jefferson County line, and moved quickly into Wayne County.

Wayne County 6 W Wayne City to Ellery

21	1451CST 1530CST	30	500		1	42	4M		Tornado (F3)
----	--------------------	----	-----	--	---	----	----	--	---------------------



Storm Data and Unusual Weather Phenomena

April 2002

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

ILLINOIS, South

The tornado entered Wayne County about a half mile north of Illinois Route 15, then proceeded to move northeast to a point about 1.5 miles north of Wayne City. The tornado then paralleled Route 15 just north of Sims. The tornado continued moving east toward Fairfield, and passed through the southern part of Fairfield with F-3 intensity winds. The tornado then travelled slightly south of east toward Golden Gate. The tornado weakened east of Golden Gate and finally dissipated in extreme eastern Wayne County near Ellery. The sole fatality occurred 4 miles west of Wayne City, when a 47-year-old man was killed inside his mobile home. Of the 42 hospital-treated injuries, 13 were critical. A total of 35 homes were destroyed, and 16 received major damage. The average wind speed in the tornado was 130 to 170 MPH, with peak winds at or approaching 200 MPH. The F-3 damage was located near Sims, southern sections of Fairfield, near Merriam, and areas west and north of Wayne City. Vehicles were picked up and deposited in houses. Well-constructed houses lost roofs and some walls. Weaker structures, including a tavern near Sims, were demolished. M47MH

Franklin County

Rend Lake South	21	1458CST			0	0			Funnel Cloud
------------------------	----	---------	--	--	---	---	--	--	---------------------

A supercell thunderstorm tracked across extreme northern Franklin County, producing large hail and a large funnel cloud.

Jackson County

Dowell	21	1510CST			0	0			Hail(1.00)
---------------	----	---------	--	--	---	---	--	--	-------------------

Hamilton County

2 S Mc Leansboro	21	1516CST			0	0			Hail(0.75)
------------------	----	---------	--	--	---	---	--	--	-------------------

Hamilton County

2 S Mc Leansboro	21	1516CST			0	0			Thunderstorm Wind (G50)
------------------	----	---------	--	--	---	---	--	--	--------------------------------

Large tree limbs were blown down.

Franklin County

Akin	21	1540CST			0	0			Hail(0.75)
-------------	----	---------	--	--	---	---	--	--	-------------------

White County

8 NE Norris City	21	1545CST			0	0			Hail(1.00)
------------------	----	---------	--	--	---	---	--	--	-------------------

Union County

5 W Cobden	21	1610CST			0	0			Thunderstorm Wind (G50)
------------	----	---------	--	--	---	---	--	--	--------------------------------

Two trees were down in the Trail of Tears State Park.

White County

2 NE Norris City	21	1625CST			0	0	3K		Thunderstorm Wind (G50)
------------------	----	---------	--	--	---	---	----	--	--------------------------------

A tree was uprooted and a power line was down.

ILZ087-092>093

Gallatin - Alexander - Pulaski

24	1400CST				0	0			Flood
30	2359CST								

The Ohio River rose above flood stage toward the end of the month at Shawneetown, Grand Chain, and Cairo. Through May 1, only minor flooding of low-lying agricultural bottomland occurred

Jefferson County

Dix	24	1426CST			0	0			Hail(1.75)
------------	----	---------	--	--	---	---	--	--	-------------------

Hamilton County

Dahlgren to Mc Leansboro	24	1445CST 1500CST			0	0	750K		Hail(1.75)
--------------------------	----	--------------------	--	--	---	---	------	--	-------------------

Golf ball size hail fell across parts of Hamilton County in a swath extending from Dahlgren southeast across the Mcleansboro area. Hundreds of homes and vehicles were damaged.

Wayne County

Fairfield	24	1451CST 1502CST			0	0			Hail(1.00)
------------------	----	--------------------	--	--	---	---	--	--	-------------------

Dime to quarter size hail fell in the Fairfield area.

Hamilton County

Mc Leansboro	24	1520CST			0	0			Hail(1.00)
---------------------	----	---------	--	--	---	---	--	--	-------------------

Quarter size hail fell on the southwest side of Mcleansboro.

White County

Carmi to Maunie	24	1525CST 1540CST			0	0	750K		Hail(1.75)
-----------------	----	--------------------	--	--	---	---	------	--	-------------------

Hundreds of homes and vehicles were damaged by hail across White County.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>ILLINOIS, South</u>									
White County									
Norris City to Enfield	24	1540CST			0	0			Hail(2.50)
									Tennis ball size hail fell.
Gallatin County									
Equality	24	1540CST			0	0			Hail(2.50)
Gallatin County									
Equality	24	1613CST	0.1	20	0	0			Tornado (F0)
									The tornado briefly touched down in open country and produced no known damage.
Perry County									
Du Quoin	24	1625CST			0	0			Hail(0.75)
Saline County									
Harrisburg	24	1630CST			0	0			Hail(0.75)
Gallatin County									
Equality	24	1630CST			0	0			Hail(0.75)
Gallatin County									
3 W Shawneetown	24	1632CST			0	0			Funnel Cloud
									A supercell thunderstorm produced large hail and a funnel cloud. A confirmed funnel cloud sighting was along Route 13, about 3 miles west of Shawneetown.
Jackson County									
Carbondale	24	1712CST			0	0			Thunderstorm Wind (G50)
									Trees were blown down on Willow, North McKinley, and West Sycamore Streets.
Hamilton County									
Mc Leansboro	24	1730CST			0	0			Hail(0.75)
Perry County									
Tamaroa	27	2315CST			0	0	3K		Thunderstorm Wind (G50)
									Power lines were blown down.
Franklin County									
1 S Sesser to 2 E Sesser	27	2320CST 2325CST			0	0	250K		Thunderstorm Wind (G74)
									A thunderstorm macroburst with peak winds from 80 to 90 MPH damaged numerous buildings. A few storage buildings and several weak structures such as barns were destroyed. The damage path length was about 3 miles, and the width was up to 880 yards. A lumberyard on Highway 148 was extensively damaged. Several large trees were uprooted. Two metal warehouses were damaged, a carport was destroyed, and a storage shed roof was damaged. A double wide mobile home was unroofed, and another mobile home had one side blown off.
Jefferson County									
Nason to Bonnie	27	2330CST			0	0			Thunderstorm Wind (G50)
									Trees were blown down.
Wayne County									
2 E Johnsonville	27	2340CST			0	0			Hail(0.75)
Jackson County									
Murphysboro	27	2345CST			0	0			Hail(1.00)
Hamilton County									
Dahlgren	27	2345CST			0	0			Hail(0.75)
Franklin County									
Royalton	27	2352CST			0	0			Thunderstorm Wind (G52)
									A trained spotter reported a gust to 60 MPH.
Jackson County									
3 N Murphysboro to 6 N Carbondale	27	2355CST 2358CST			0	0	10K		Thunderstorm Wind (G52)
									Numerous trees were blown down, including one that fell on a house and another that blocked a road. A barn was blown down on Route 127 a few miles north of Murphysboro.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ILLINOIS, South</u>									
Williamson County									
Colp to 2 N Herrin	28	0000CST 0010CST			0	0			Thunderstorm Wind (G52)
Trees were down in Colp, and an off-duty meteorologist estimated gusts to 60 MPH near Herrin.									
Williamson County									
2 N Herrin	28	0000CST			0	0			Hail(0.75)
Saline County									
1 W Galatia to 6.5 E Galatia	28	0007CST 0016CST	7.5	200	0	3	3.5M		Tornado (F2)
The tornado struck Galatia directly, damaging about 55 structures and destroying several. Peak winds were estimated between 120 and 130 MPH. The roof of a car wash was blown off, and then the walls collapsed on a police cruiser that was sheltered there. A coal mine sustained a quarter million dollars in damage. Two persons were injured in an overturned trailer. Two brick homes lost their roofs and some walls.									
Saline County									
Galatia	28	0009CST			0	0			Hail(1.00)
Edwards County									
Albion	28	0011CST			0	0	20K		Thunderstorm Wind (G52)
Thunderstorm winds downed numerous trees, and several houses were damaged. A home in southwest Edwards County was damaged when a very large tree was uprooted and fell on the house.									
Union County									
9 W Dongola to 7 E Dongola	28	0018CST 0035CST	16	400	1	8	5M		Tornado (F3)
The tornado first touched down in very hilly terrain in the Shawnee National Forest and then tracked east, crossing Route 127 just north of Mill Creek. The tornado then directly struck the community of Dongola, where most of the damage and casualties occurred. A 69-year-old woman was killed as she was attempting to flee her mobile home. The woman had just gotten into her car, started the engine, and turned the lights on when the tornado struck. She was blown away from the car and found dead under a structure across the road from where the vehicle was parked and still running. Elsewhere in the Dongola area, a train was blown off the tracks. Several wood houses were demolished, and seven double-wide trailers were destroyed. Approximately 75 homes were damaged. A recreational vehicle was tossed across Lake Dongola and impaled into the ground. F69VE									
Johnson County									
1.5 W Cypress to 1.5 E Cypress	28	0035CST 0038CST	3	400	0	2	3M		Tornado (F2)
The tornado entered Johnson County near Cypress and was on the ground for only a few miles in Johnson County. Cypress was impacted directly, where about 50 structures were damaged, including a school. The school lost portions of upper story walls and the roof. Two trailers were destroyed.									
Wabash County									
Countywide	28	0025CST 0045CST			0	1	25K		Thunderstorm Wind (G52)
Trees and power lines were down throughout the county. A woman received minor injuries from being struck by flying debris. A tree landed on a mobile home, causing moderate damage but no injuries.									
White County									
Carmi	28	0025CST			0	0			Hail(1.00)
Quarter size hail was reported on the south side of Carmi.									
Gallatin County									
Ridgway	28	0030CST			0	0	3K		Thunderstorm Wind (G50)
A tin roof was damaged, and a large tree was down on a swing set.									
Hamilton County									
Mc Leansboro	28	0044CST			0	0			Hail(0.75)
Johnson County									
3 S Vienna to Ganntown	28	0046CST 0052CST	7	400	0	2	100K		Tornado (F2)
This tornado was produced by the same supercell thunderstorm that spawned a long-track tornado over southern Union and southwest Johnson Counties. This tornado touched down along U.S. Highway 45, about 3 miles south of Vienna. The tornado moved east across Interstate 24, and then dissipated about 1.5 miles east of the interstate near Ganntown. Two persons were injured when their mobile home was demolished. Two other mobile homes were extensively damaged. Numerous trees were down.									

Storm Data and Unusual Weather Phenomena

April 2002

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

ILLINOIS, South

Pope County

3 SW Dixon Spgs to 1.5 NNE Golconda	28	0059CST 0110CST	12	200	0	1	400K		Tornado (F3)
--	----	--------------------	----	-----	---	---	------	--	--------------

The tornado touched down near Dixon Springs and tracked east, parallel and very close to Illinois Route 146. The path was through rural farm country and the Shawnee National Forest. A couple of farm buildings were damaged near the beginning of the track. Where the tornado crossed Route 146, a mobile home was destroyed, injuring one person. On the north side of Golconda, one brick home was destroyed and a couple of nearby homes were damaged. The tornado then crossed the Ohio River into Kentucky.

Massac County

1 N New Columbia	28	0132CST			0	0	100K		Thunderstorm Wind (G61)
------------------	----	---------	--	--	---	---	------	--	-------------------------

An spotter estimated a wind gust to 70 MPH occurred on Interstate 24, about one mile south of the Johnson County line. Highway construction signs were blown down. Extensive damage occurred at a nearby farm, where damage was estimated around a quarter million dollars.

Hardin County

Countywide	28	0145CST			0	0	5K		Thunderstorm Wind (G52)
------------	----	---------	--	--	---	---	----	--	-------------------------

Trees were uprooted countywide, and three major power poles were down.

ILLINOIS, Southwest

Montgomery County

Nokomis	12	1319CST			0	0			Hail(0.88)
---------	----	---------	--	--	---	---	--	--	------------

Montgomery County

2 E Nokomis	12	1325CST			0	0			Hail(0.88)
-------------	----	---------	--	--	---	---	--	--	------------

Storm spotters reported nickel size hail in the Nokomis area.

St. Clair County

Marissa	12	1336CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Storm spotters reported 3/4 inch hail.

Washington County

Lively Grove	12	1340CST			0	0			Hail(0.75)
--------------	----	---------	--	--	---	---	--	--	------------

Washington County

Stone Church	12	1340CST			0	0			Hail(1.75)
--------------	----	---------	--	--	---	---	--	--	------------

The County Sheriff Department reported golfball size hail near Stone Church and 3/4 inch hail at Lively Grove.

St. Clair County

Marissa	12	1354CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Storm spotters reported 3/4 inch hail.

Washington County

3 N Nashville	12	1422CST			0	0			Hail(0.75)
---------------	----	---------	--	--	---	---	--	--	------------

The County Sheriff Department reported 3/4 inch hail.

Marion County

2 SE Cartter	12	1440CST			0	0			Hail(0.75)
--------------	----	---------	--	--	---	---	--	--	------------

The County Sheriff Department reported 3/4 inch hail near Cartter.

Randolph County

3 SW Sparta	12	1500CST			0	0			Hail(0.88)
-------------	----	---------	--	--	---	---	--	--	------------

Randolph County

Sparta	12	1505CST			0	0			Hail(1.00)
--------	----	---------	--	--	---	---	--	--	------------

Storm spotters reported hail up to 1 inch in the Sparta area.

Adams County

Payson	14	1136CST			0	0			Hail(0.75)
--------	----	---------	--	--	---	---	--	--	------------

Storm spotters reported 3/4 inch hail.

Pike County

1 S Barry	14	1158CST			0	0			Hail(0.75)
-----------	----	---------	--	--	---	---	--	--	------------

Pike County

Nebo	14	1204CST			0	0			Hail(1.75)
------	----	---------	--	--	---	---	--	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ILLINOIS, Southwest									
Storm spotters reported 3/4 inch hail south of Barry. The County Sheriff Department reported golfball size hail in Nebo.									
Adams County									
2 S Quincy	14	1208CST			0	0			Hail(0.75)
Adams County									
3 S Quincy	14	1219CST			0	0			Hail(1.00)
Adams County									
Quincy	14	1221CST			0	0			Hail(0.88)
Storm spotters reported hail up to 1 inch in the Quincy area.									
Pike County									
Pittsfield	14	1230CST			0	0	25K		Hail(2.75)
Baseball size hail was reported in Pittsfield. Numerous vehicles were damaged.									
Greene County									
Roodhouse	14	1232CST			0	0			Hail(1.00)
Greene County									
White Hall	14	1232CST			0	0			Hail(1.00)
Greene County									
1 S Carrollton	14	1247CST			0	0			Hail(1.75)
Greene County									
Greenfield	14	1258CST			0	0			Hail(1.75)
The County Emergency Management Agency reported hail up to golfball size at several locations in Greene County.									
Macoupin County									
3 E Palmyra	19	1705CST			0	0			Hail(1.00)
The County Sheriff Department reported 1 inch hail.									
Greene County									
3 SE White Hall	19	1710CST			0	0			Hail(0.88)
Greene County									
Greenfield	19	1715CST			0	0			Thunderstorm Wind (G54)
The County Sheriff Department reported nickel size hail near White Hall. Thunderstorm wind gusts also downed trees and power lines in Greenfield.									
Macoupin County									
6 W Carlinville	19	1745CST			0	0			Thunderstorm Wind (G52)
Macoupin County									
2 NW Carlinville	19	1753CST			0	0			Hail(0.88)
Macoupin County									
2 W Carlinville	19	1755CST			0	0			Hail(0.88)
Macoupin County									
Carlinville	19	1800CST			0	0			Hail(0.88)
The County Sheriff Department reported a barn severely damaged and trees down west of Carlinville. The Sheriff Department and storm spotters reported nickel size hail in and around Carlinville.									
Macoupin County									
3 E Carlinville	19	1810CST			0	0			Thunderstorm Wind (G52)
The County Sheriff reported that a home was damaged by a downed tree.									
Macoupin County									
3 E Gillespie	19	1820CST			0	0			Thunderstorm Wind (G52)
The County Sheriff Department reported power poles and lines down.									
St. Clair County									
Freeburg	21	1330CST			0	0			Thunderstorm Wind (G54)
The Freeburg EMA reported wind gusts to 62 mph. Large tree limbs were broken off of trees.									
Randolph County									
Evansville	21	1335CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ILLINOIS, Southwest</u>									
Randolph County									
Walsh	21	1345CST			0	0			Hail(1.00)
									Storm spotters reported 1 inch hail.
Washington County									
Okawville	21	1346CST			0	0			Hail(0.75)
									The County Sheriff Department reported 3/4 inch hail.
Greene County									
Carrollton	24	1230CST			0	0	750K		Hail(1.75)
									Hail up to golfball size pounded Carrollton causing damage to automobiles and area roofs. Initial insurance estimates indicated at least \$750,000 in damages.
Macoupin County									
Scottville	24	1259CST			0	0			Hail(1.75)
									The County Sheriff Department reported golfball size hail.
Jersey County									
10 NE Jerseyville	24	1308CST			0	0			Hail(1.75)
									The County Sheriff Department reported golfball size hail.
Macoupin County									
Hettick	24	1310CST			0	0			Hail(0.75)
Macoupin County									
Palmyra	24	1310CST			0	0			Hail(0.75)
Macoupin County									
Carlinville	24	1315CST			0	0			Hail(1.75)
									Amateur radio spotters reported hail up to golfball size across parts of Macoupin County.
Greene County									
Greenfield	24	1310CST			0	0	300K		Hail(1.75)
									Hail up to golfball size hit the Greenfield area damaging automobiles and area roofs.
Macoupin County									
Carlinville	24	1317CST			0	0	1M		Hail(1.75)
Macoupin County									
Medora	24	1317CST			0	0			Hail(1.75)
Macoupin County									
Shipman	24	1329CST			0	0			Hail(1.75)
									Hail up to golfball size was reported by local law enforcement and amateur radio spotters. The Macoupin County Emergency Management Agency reported approximately 400 vehicles damaged by the hail across the county.
Montgomery County									
Litchfield	24	1332CST			0	0			Hail(1.00)
Montgomery County									
Litchfield	24	1340CST			0	0			Hail(0.75)
									Amateur radio spotters reported hail up to 1 inch in Litchfield.
Macoupin County									
Gillespie	24	1339CST			0	0	2M		Hail(2.00)
Macoupin County									
1 N Bunker Hill	24	1340CST			0	0			Hail(1.75)
Macoupin County									
Gillespie	24	1340CST			0	0			Hail(1.25)
Macoupin County									
2 NW Gillespie	24	1340CST			0	0			Hail(0.75)
Macoupin County									
Gillespie	24	1342CST			0	0			Hail(1.75)
									Amateur radio spotters reported hail up to 2 inches in diameter in the Gillespie and Bunker Hill areas. Initial reports from local

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>ILLINOIS, Southwest</u>									
insurance companies indicate at least \$2 million in damages to automobiles and roofs.									
Montgomery County									
Hillsboro	24	1354CST			0	0			Hail(0.75)
Montgomery County									
Taylor Spgs	24	1355CST			0	0			Hail(0.75)
Montgomery County									
Coffeen	24	1407CST			0	0			Hail(1.00)
Storm spotters reported hail up to 1 inch in central Montgomery County.									
Bond County									
1 N Greenville	24	1410CST			0	0			Hail(1.75)
The County Sheriff Department reported golfball size hail just north of Greenville.									
Fayette County									
Ramsey	24	1410CST			0	0			Hail(1.75)
The County Sheriff reported golfball size hail.									
Randolph County									
Ruma	24	1545CST			0	0			Hail(0.75)
Storm spotters reported 3/4 inch hail.									
Randolph County									
Ellis Grove	24	1600CST			0	0			Hail(0.75)
Storm spotters reported 3/4 inch hail.									
Randolph County									
10 W Sparta	24	1609CST			0	0			Hail(0.75)
Storm spotters reported 3/4 inch hail west of Sparta.									
Randolph County									
Sparta	24	1625CST			0	0			Hail(0.75)
Storm spotters reported 3/4 inch hail.									
ILZ097>099									
Pike - Calhoun - Jersey									
	27	1100CST			0	0			Flood
	30	2359CST							
Heavy rain during the last week of April pushed the Mississippi River over its banks. The flooding was relatively minor but continued and worsened into May.									
ILZ058-096>099									
Greene - Brown - Pike - Calhoun - Jersey									
	27	1345CST			0	0			Flood
	30	2359CST							
Heavy rain during the last week of April pushed the Illinois River over its banks. The flooding was relatively minor, restricted to low land agricultural areas. However the river remained above flood stage into May.									
Madison County									
2 S Highland	27	2040CST			0	0			Thunderstorm Wind (G55)
Thunderstorm wind gusts caused scattered damage in the Arkansas and Buckeye road areas south of Highland. One garage door was damaged and several windows broken at one home. A tin roofed pole barn suffered significant damage. Several trees in the area were also damaged.									
St. Clair County									
2 SW Shiloh to Shiloh	27	2135CST 2138CST	1.7	100	0	0			Tornado (F1)

Storm Data and Unusual Weather Phenomena

April 2002

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

ILLINOIS, Southwest



An aerial view of a home damaged by the tornado in Shiloh, IL.

Around 1035 pm CDT, a tornado formed just southwest of Shiloh and started to cause damage. The worst damage occurred along Rio Verde Drive where 23 homes sustained some degree of damage. Two large buildings at the Yorktown Golf Club were also damaged. The tornado continued northeast crossing the intersections of Wendy Way and Goalby and Wendy Way and Anderson Lane. A number of homes sustained roof damage in this area with a number of trees uprooted or snapped off. The tornado caused minor roof damage to Whiteside Elementary School. A total of 34 homes along the path sustained some type of damage.

St. Clair County Millstadt	27	2142CST			0	0	Hail(0.75) Amateur radio spotters reported 3/4 inch hail.
St. Clair County (Blv)Scott Afb Belle	27	2146CST			0	0	Thunderstorm Wind (G62)^M
St. Clair County Belleville	27	2150CST			0	0	Hail(1.00) Wind instruments at Scott Air Force Base recorded a wind gust of 71 mph. Storm spotters reported 1 inch hail.
Clinton County 2 S Breese	27	2200CST			0	0	Thunderstorm Wind (G55) Storm spotters reported wind damage south of Breese. The tin roof was blown off a pole barn, a garage door and the siding on the garage was damaged, and some windows were broken.
Randolph County Chester	27	2240CST			0	0	Thunderstorm Wind (G52)
Randolph County Percy	27	2255CST			0	0	Thunderstorm Wind (G52) The County Emergency Management Agency reported trees down along Highway 150 in the Chester and Percy areas.
Marion County Salem	27	2246CST			0	0	Thunderstorm Wind (G55) Storm spotters reported numerous trees down in Salem. Some of the trees fell on homes causing minor roof damage.
ILZ065-069-074-079-101>102	Fayette - Clinton - Washington - Randolph - St. Clair - Monroe						
	28	0118CST			0	0	Flood
	30	2359CST					Heavy rain during the last week in April pushed the Kaskaskia River out of its banks. The flooding was relatively minor, but continued and worsened in May.

Storm Data and Unusual Weather Phenomena

April 2002

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

ILLINOIS, Southwest

ILZ095

Adams

28 0700CST
30 2359CST

0 0

Flood

Heavy rain during the last week of April pushed the Mississippi River over its banks. The flooding was relatively minor but worsened and continued into May.

INDIANA, Central

INZ028>029-035-043>044-051 **Warren - Tippecanoe - Fountain - Vermillion - Parke - Vigo**

01 0000EST
08 0800EST

0 0

Flood

Flooding along the Wabash River. Bottomlands and agricultural areas flood along with a few roads.

	Flood Stage:	Crest:	Date of Crest:
Lafayette	11.0	16.39	04/01
Covington	16.0	20.41	04/02
Montezuma	14.0	19.71	04/03
Terre Haute	14.0	17.38	04/04

INZ053-061-067>068

Owen - Greene - Knox - Daviess

01 0000EST
06 1600EST

0 0

Flood

Flooding along the White River. Bottomlands and agricultural areas flooded along with a few roads.

	Flood Stage:	Crest:	Date of Crest:
Spencer	14.0	15.6	04/02
Elliston	18.0	20.3	04/03
Newberry	13.0	14.28	04/01
Edwardsport	15.0	17.4	04/03
Petersburg	16.0	19.53	04/01

INZ060

Sullivan

01 0000EST
27 0500EST

0 0

Flood

Flooding along Wabash river in Sullivan county. Mostly bottomlands and a few county roads flooded.

	Flood Stage:	Crest:	Date of Crest:
Riverton	15.0	17.92 17.89	04/07 04/18

Tippecanoe County

Lafayette

02 1330EST

0 0

1K

Lightning

Lightning struck Harrison High School and caused miscellaneous electrical related problems.

INZ028>029-035-043>044-051 **Warren - Tippecanoe - Fountain - Vermillion - Parke - Vigo**

09 0615EST
19 0600EST

0 0

Flood

Flooding along Wabash River. Mostly bottomland and agricultural lands affected.

	Flood Stage:	Crest:	Date of Crest:
Lafayette	11.0	13.74	04/10
Covington	16.0	19.08	04/15
Montezuma	14.0	19.43	04/14
Terre Haute	14.0	17.30	04/15

Storm Data and Unusual Weather Phenomena

April 2002

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									
Warren County									
Independence	12	1530EST			0	0			Thunderstorm Wind (G50)
			Trees down						
Greene County									
Worthington	12	1545EST			0	0			Hail(1.00)
Monroe County									
Ellettsville	12	1642EST			0	0			Hail(1.00)
Monroe County									
5 S Bloomington	12	1644EST			0	0			Hail(1.75)
Monroe County									
3 N Bloomington	12	1650EST 1657EST			0	0			Hail(1.00)
			Hail covered the ground						
Tippecanoe County									
Dayton	12	1700EST			0	0			Hail(1.00)
Brown County									
Nashville	12	1720EST			0	0			Thunderstorm Wind (G50)
			Trees down						
Fountain County									
Countywide	12	1730EST 1830EST			0	0			Flash Flood
Vermillion County									
North Portion	12	1730EST 1830EST			0	0			Flash Flood
			A few roads under water.						
Howard County									
Kokomo	12	1740EST			0	0			Hail(0.88)
			Hail covered the ground						
Howard County									
2 S Kokomo	12	1744EST			0	0			Hail(1.00)
Brown County									
8 NNW Nashville	12	1746EST			0	0			Hail(1.00)
Greene County									
Countywide	12	1800EST 1900EST			0	0			Flash Flood
			Numerous county roads under water						
Monroe County									
Countywide	12	1800EST 1900EST			0	0			Flash Flood
Morgan County									
Martinsville	12	1800EST 1830EST			0	0			Flash Flood
			Streets flooded						
Shelby County									
Wilson Corners	12	1800EST			0	0			Thunderstorm Wind (G50)
			Roof blown off						
Warren County									
Independence	12	1800EST 1830EST			0	0			Flash Flood
			Streets flooded						
INZ061-067>068									
			Greene - Knox - Daviess						
	13	0400EST			0	0			Flood
	18	0600EST							

Storm Data and Unusual Weather Phenomena

April 2002

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

INDIANA, Central

Flooding along the White River. Flooding affects agricultural lands and bottomlands.

Flood Stage:	Crest:	Date:
--------------	--------	-------

Elliston	18.0	19.45	04/14
Newberry	13.0	14.34	04/14
Edwardsport	15.0	17.50	04/15

INZ070>071

Lawrence - Jackson

13	1230EST	0	0		Flood
21	0600EST				

Flooding along East Fork White River. Flooding affected agricultural lands and closed several roads.

Flood Stage:	Crest:	Date of Crest:
--------------	--------	----------------

Seymour 2N	12.0	17.07	04/15
Bedford 8SE	20.0	25.90	04/18

INZ067

Knox

14	1415EST	0	0		Flood
30	2359EST				

Flooding along White River in Knox county. Flooding affects bottomlands, agricultural areas, and a few local roads.

Flood Stage:	Crest:	Date of Crest:
--------------	--------	----------------

Petersburg	16.0	20.43	04/20
Hazleton	16.0	20.50	04/20

Parke County

Countywide

21	0930EST	0	0		Flash Flood
	1030EST				

Some county roads were closed due to high water.

Putnam County

Countywide

21	0930EST	0	0		Flash Flood
	1030EST				

Vermillion County

Countywide

21	0930EST	0	0		Flash Flood
	1030EST				

Morgan County

2 E Mooresville

21	1000EST	0	0		Flash Flood
	1100EST				

Water was one foot deep across road.

Martin County

Dover Hill

21	1530EST	0	0		Hail(1.50)
----	---------	---	---	--	-------------------

Windows and siding were damaged on a church

Lawrence County

Mitchell

21	1545EST	0	0		Hail(0.75)
----	---------	---	---	--	-------------------

INZ071

Jackson

21	2230EST	0	0		Flood
24	0400EST				

East Fork White River crested at 15.77 feet on April 22. Flood stage is 12.0 Agricultural lands flooded along with some roads.

INZ061

Greene

22	0400EST	0	0		Flood
30	2359EST				

Flooding along White river in Greene county. Flooding affects agricultural lands and bottomlands. A few roads closed.

INZ070

Lawrence

24	1030EST	0	0		Flood
30	2359EST				

Storm Data and Unusual Weather Phenomena

April 2002

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

INDIANA, Central

INZ071

Jackson

25	0345EST		0	0					Flood
26	0400EST								

East Fork White River crested at 13.21 on April 25. Flood stage is 12.0 Agricultural land a few roads flooded.

INZ028>029-035-043>044-051-060-067 Warren - Tippecanoe - Fountain - Vermillion - Parke - Vigo - Sullivan - Knox

27	2030EST		0	0					Flood
30	2359EST								

Flooding along the Wabash River. Mainly low bottomlands and agricultural lands were flooded, along with a few roads.

	Flood Stage:	Crest:	Date of Crest:
Lafayette	11.0	14.52	04/29
Covington	16.0	19.06	04/30
Montezuma	14.0	20.81	04/29

Vermillion County

Clinton	28	0000EST 0100EST	0	0				Flash Flood
---------	----	--------------------	---	---	--	--	--	--------------------

Vigo County

3 W Terre Haute	28	0000EST 0100EST	0	0				Flash Flood
-----------------	----	--------------------	---	---	--	--	--	--------------------

Parke County

Rockville	28	0015EST 0100EST	0	0				Flash Flood
-----------	----	--------------------	---	---	--	--	--	--------------------

Clay County

Bowling Green	28	0020EST 0100EST	0	0				Flash Flood
---------------	----	--------------------	---	---	--	--	--	--------------------

Jackson County

Medora	28	0115EST 0300EST	0	0				Flash Flood
--------	----	--------------------	---	---	--	--	--	--------------------

Lawrence County

2 SW Bedford	28	0115EST 0300EST	0	0				Flash Flood
--------------	----	--------------------	---	---	--	--	--	--------------------

Jennings County

Paris Crossing	28	0130EST 0300EST	0	0				Flash Flood
----------------	----	--------------------	---	---	--	--	--	--------------------

Knox County

Monroe City	28	0130EST 0300EST	0	0				Flash Flood
-------------	----	--------------------	---	---	--	--	--	--------------------

Martin County

Shoals	28	0130EST 0300EST	0	0				Flash Flood
--------	----	--------------------	---	---	--	--	--	--------------------

Daviess County

Alfordsville	28	0200EST 0400EST	0	0				Flash Flood
--------------	----	--------------------	---	---	--	--	--	--------------------

Heavy rain caused flooding of numerous roads across southwest and west central Indiana.

Parke County

2 NE Rockville	28	0015EST 0016EST	0	0				Thunderstorm Wind (G50)
----------------	----	--------------------	---	---	--	--	--	--------------------------------

Vigo County

Sky King Arpt	28	0019EST	0	0				Hail(0.75)
---------------	----	---------	---	---	--	--	--	-------------------

Hendricks County

Avon	28	0103EST	0	0				Hail(1.75)
------	----	---------	---	---	--	--	--	-------------------

Marion County

10 SW Indianapolis	28	0115EST	0	0	1K			Thunderstorm Wind (G50)
--------------------	----	---------	---	---	----	--	--	--------------------------------

Storm Data and Unusual Weather Phenomena

April 2002

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

INDIANA, Central

Roof damage to a few homes. Trees down...including large top portion of a 16 inch diameter healthy tree, whose top was found 100 feet away from the rest of the tree.

Hamilton County

5 N Fishers

28 0125EST
Trees down across roads.

0 0

Thunderstorm Wind (G50)

Hancock County

Greenfield

28 0140EST
Significant roof damage to homes and a few garages blown down.

0 0

10K

Thunderstorm Wind (G50)

Jackson County

Crothersville

28 0202EST
Trees down

0 0

Thunderstorm Wind (G50)

INZ071

Jackson

28 0645EST
30 2359EST

0 0

Flood

East Fork White River crested at 15.83 on April 29. Flood stage is 12.0. Agricultural lands and several roads closed.

INDIANA, Northeast

Allen County

Ft Wayne

12 1840EST

0 0

Hail(0.75)

White County

5 SSW Brookston

19 2102EST

0 0

Hail(0.75)

Pulaski County

10 S Winamac

19 2130EST

0 0

Hail(0.75)

Cass County

Walton

19 2155EST

0 0

Hail(1.00)

Miami County

Peru

19 2215EST

0 0

Hail(0.75)

Wabash County

Wabash

19 2236EST

0 0

Hail(0.75)

INDIANA, Northwest

NONE REPORTED.

INDIANA, South Central

Dubois County

Ireland

12 1820EST
Hail covered the ground.

0 0

Hail(0.88)

Dubois County

Countywide

12 2230EST
13 0700EST
Low lying areas and roadways were flooded.

0 0

Flash Flood

Dubois County

Countywide

14 0700EST
0915EST
Many county roads were covered by high water. A vehicle had to be extracted from flood waters

0 0

Flash Flood

Orange County

Countywide

14 0710EST
1115EST

0 0

Flash Flood

Storm Data and Unusual Weather Phenomena

April 2002

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

INDIANA, South Central

A few roads were covered by water in southern parts of the county. Sewers backed up into some basements.

Washington County
Countywide

14	0720EST 1115EST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	-------------

Numerous roads were closed across western and northern parts of the county. Sewers backed up into some basements.

Dubois County
Ireland

19	1400EST				0	0			Hail(0.75)
----	---------	--	--	--	---	---	--	--	------------

Dubois County
Huntingburg

21	1713EST				0	0			Hail(0.75)
----	---------	--	--	--	---	---	--	--	------------

Dubois County
Ferdinand

21	1722EST				0	0			Hail(0.75)
----	---------	--	--	--	---	---	--	--	------------

Crawford County
Eckerty

21	1740EST				0	0			Hail(1.75)
----	---------	--	--	--	---	---	--	--	------------

Harrison County
Ramsey

21	1800EST				0	0			Hail(1.75)
----	---------	--	--	--	---	---	--	--	------------

Clark County
Jeffersonville

21	1825EST 2030EST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	-------------

Streets in Jeffersonville were covered by as much as two feet of water.

Clark County
Jeffersonville

21	1825EST				0	0			Thunderstorm Wind (G60)
----	---------	--	--	--	---	---	--	--	-------------------------

Trees were blown down.

Jefferson County
Countywide

21	1830EST 2100EST				0	0	10K		Flash Flood
----	--------------------	--	--	--	---	---	-----	--	-------------

Many roads were flooded countywide. Roads and bridges were washed out in the eastern part of the county. Flood waters entered a business on U.S. 421 in Madison.

Scott County
Countywide

21	1830EST 2100EST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	-------------

Many roads were flooded throughout the county.

Harrison County
2 N Crandall

21	1900EST 2000EST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	-------------

The eastbound lane of State Road 64 was covered with water.

INZ079

Jefferson

22	0100EST 1015EST				0	0			Flood
----	--------------------	--	--	--	---	---	--	--	-------

The Muscatatuck River at Deputy, IN crested at 21.72 feet at 0515 EST on April 22. Flood stage at Deputy is 20 feet. Minor flooding occurs at this level. County roads were covered by water in northeast Jefferson County.

Washington County
Countywide

28	0250EST				0	0			Thunderstorm Wind (G60)
----	---------	--	--	--	---	---	--	--	-------------------------

Several trees were downed by thunderstorm winds.

Perry County
.3 WSW Tobinsport to
1.8 ENE Tobinsport

28	0305EST 0308EST	2.1	150		0	12	800K		Tornado (F2)
----	--------------------	-----	-----	--	---	----	------	--	--------------

Five homes were destroyed. Five mobile homes were destroyed. Four other homes had damage. The roof was torn off a church. Numerous trees were uprooted and many outbuildings were destroyed.

Jefferson County
2 SW Hanover

28	0315EST				0	0	5K		Thunderstorm Wind (G80)
----	---------	--	--	--	---	---	----	--	-------------------------

Tree branches were blown through windows in homes. A small occupied travel trailer was blown two feet. No one was injured and there was no damage to the trailer.

Storm Data and Unusual Weather Phenomena

April 2002

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

INDIANA, South Central

INZ079	Jefferson						
	28	0700EST 1930EST			0	0	Flood
<p>The Muscatatuck River at Deputy, IN crested at 22.29 feet at 1215 EST on April 28. Flood stage at Deputy is 20 feet. Minor flooding occurs at this level. County roads were covered with water in northeast Jefferson County.</p>							

INDIANA, Southeast

INZ050	Wayne						
	12	1528EST 1615EST			0	0	Flood
<p>Thunderstorms produced heavy rain and caused several roads north of Richmond to close.</p>							

INZ074-080	Dearborn - Switzerland						
	21	1300EST 1840EST			0	0	Flood
<p>A series of afternoon thunderstorms producing heavy rain moved across extreme southeast portions of Indiana. There were numerous reports of small creeks and streams out of their banks and high water on roadways.</p>							

INZ073-080	Ripley - Switzerland						
	28	0245EST 0500EST			0	0	Flood
<p>Showers and thunderstorms producing up to two inches of rain moved across southeast Indiana during the early morning hours. The heavy rain caused high water on roadways and a bridge washout on State Route 250 in Switzerland County. A car was washed off the road in western Ripley County.</p>							

INDIANA, Southwest

INZ085-087>088	Posey - Warrick - Spencer						
	01	0000CST 2200CST			0	0	Flood
<p>The Ohio River fell back below flood stage at Mount Vernon and Newburgh on April 2 after cresting about 7 feet over flood stage in late March. The April flooding was minor, with just some low-lying agricultural land flooded</p>							

INZ085	Posey						
	02	1100CST 1800CST			0	0	Flood
<p>The Wabash River rose slightly above flood stage at New Harmony, causing minor flooding of low-lying agricultural bottomland.</p>							

INZ085	Posey						
	18	1900CST 2359CST			0	0	Flood
<p>The Wabash River rose above flood stage at New Harmony around mid-month, and remained there the rest of the month. Through May 1, the stage remained within a foot of flood stage, so only minor agricultural lowland flooding occurred.</p>							

INZ081	Gibson						
	19	0400CST 2000CST			0	0	Flood
<p>The Patoka River rose above flood stage at Princeton for about a week, cresting about one foot above flood stage. This resulted in minor flooding of low-lying agricultural areas.</p>							

Gibson County	Ft Branch						
	19	1220CST			0	0	Hail(0.75)

Gibson County	Oakland City						
	19	1245CST			0	0	Hail(0.75)

Gibson County	Francisco						
	21	1600CST			0	0	8K Thunderstorm Wind (G50)
<p>Several trees were blown down in and near Francisco. One of the trees landed on a vehicle, and the others fell across roads.</p>							

Pike County	Petersburg						
	21	1600CST			0	0	10K Thunderstorm Wind (G50)
<p>Large tree limbs were blown down, and three homes received roof damage.</p>							

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
INDIANA, Southwest									
Posey County									
2 N Mt Vernon	21	1601CST			0	0	2K		Thunderstorm Wind (G50)
Shingles were blown off a house.									
Posey County									
Upton	21	1610CST			0	0			Thunderstorm Wind (G50)
Trees were down in the western end of the county.									
Posey County									
Mt Vernon	21	1635CST			0	0			Hail(1.75)
Vanderburgh County									
Evansville	21	1635CST			0	0	20K		Thunderstorm Wind (G50)
Thunderstorm winds downed some trees. About a dozen homes were damaged by falling trees or tree limbs.									
Posey County									
Mt Vernon	21	1654CST 1800CST			0	0			Flash Flood
Vanderburgh County									
Evansville Dress Arp	21	1654CST 1800CST			0	0	20K		Flash Flood
Warrick County									
Boonville	21	1654CST 1900CST			0	0			Flash Flood
Thunderstorms produced around 2 inches of rain in a couple of hours. Runways at the Evansville Regional Airport were flooded, causing major problems. Northeast of Evansville, a car was stranded in floodwater on State Route 57 east of U.S. 41. Several county roads were closed by flooding in Posey County. Flooding was reported in Boonville in Warrick County									
Warrick County									
3 SW Boonville	21	1655CST			0	0			Thunderstorm Wind (G50)
Two trees were down on Yankeetown Highway.									
Spencer County									
Chrisney	21	1720CST			0	0	10K		Thunderstorm Wind (G50)
A front porch was damaged in Chrisney. A tree was blown down, landing on a fence and a gas grill. A couple of other trees landed across roads.									
Posey County									
Bufkin to Mt Vernon	24	1556CST 1600CST			0	0	2M		Hail(1.75)
A hailstorm with stones up to golf ball size passed directly over Mount Vernon. At least 200 homes were damaged by the hail, and several hundred vehicles were damaged.									
Posey County									
Blairsville	24	1600CST			0	0			Thunderstorm Wind (G50)
Trees were blown down in eastern Posey County.									
Vanderburgh County									
Evansville	24	1616CST			0	0			Hail(1.00)
Dime to quarter size hail fell over north Evansville.									
Posey County									
Mt Vernon	24	1641CST 1800CST			0	0			Flash Flood
Vanderburgh County									
Evansville	24	1641CST 1800CST			0	0	15K		Flash Flood
In Posey County, the Highway 69 bypass was closed due to high water. A few vehicles became stranded on flooded streets in Evansville. The flooding was due to a series of thunderstorms with torrential downpours.									
Posey County									
5 W Mt Vernon to 4.9 W Mt Vernon	24	1716CST	0.1	30	0	0			Tornado (F0)
A trained spotter observed a brief tornado touchdown over open country, with no damage									

Storm Data and Unusual Weather Phenomena

April 2002

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

INDIANA, Southwest

INZ085-087>088	Posey - Warrick - Spencer								
	27	0800CST			0	0			Flood
	30	2359CST							
	The Ohio River rose above flood stage toward the end of the month at Newburgh and Mount Vernon. Through May 1, flooding was minor, consisting of low-lying agricultural bottomland.								

INZ081	Gibson								
	28	0030CST			0	0			Flood
	30	0500CST							
	The Patoka River rose above flood stage at Princeton on the last couple of days of the month. The crest was only a few inches above flood stage, which resulted in minor flooding of low-lying agricultural areas.								

Gibson County 2 S Princeton	28	0035CST			0	0	10K		Thunderstorm Wind (G52)
	Multiple trees were blown down, including one on a car and another on an outbuilding. The damage was near the Toyota plant on Highway 41.								

Gibson County Oakland City	28	0054CST			0	0			Thunderstorm Wind (G52)
	Gusts estimated near 60 MPH downed trees.								

IOWA, Central

Palo Alto County Mallard	16	1925CST			0	0	10K		Thunderstorm Wind (G56)^M
-------------------------------------	----	---------	--	--	---	---	-----	--	--

Emmet County 1 W Estherville	16	1933CST			0	0	5K		Thunderstorm Wind (G52)
---	----	---------	--	--	---	---	----	--	--------------------------------

Sac County 2 SE Schaller	16	2115CST			0	0	25K		Thunderstorm Wind (G65)
-------------------------------------	----	---------	--	--	---	---	-----	--	--------------------------------

Sac County 5.6 SE Schaller	16	2120CST			0	0	15K		Thunderstorm Wind (G61)
---------------------------------------	----	---------	--	--	---	---	-----	--	--------------------------------

Palo Alto County Emmetsburg	16	2155CST			0	0	2K		Thunderstorm Wind (G50)
--	----	---------	--	--	---	---	----	--	--------------------------------

Emmet County 2 E Armstrong	16	2158CST			0	0	2K		Thunderstorm Wind (G50)
---------------------------------------	----	---------	--	--	---	---	----	--	--------------------------------

Kossuth County Fenton	16	2230CST			0	0	3K		Thunderstorm Wind (G50)
----------------------------------	----	---------	--	--	---	---	----	--	--------------------------------

Franklin County Latimer	16	2316CST			0	0	3K		Thunderstorm Wind (G52)^M
------------------------------------	----	---------	--	--	---	---	----	--	--

A warm and moist southerly flow of air was in place over Iowa. Afternoon temperatures rose well into the 80s with dew point temperatures in the low to mid 60s. low pressure lifted northeast across the high Plains during afternoon, and into western Minnesota overnight. A cold front extending southwest from the low pushed east into Iowa overnight, eventually washing out. a line of strong line of thunderstorms formed along the dry line west of Iowa during the late afternoon. The storms spread east very slowly, reaching northwest Iowa toward sunset. The storms produced high winds of up to 65 MPH over the far northwest part of the state during the evening. The highest wind recorded was in Palo Alto County at Mallard, where 65 MPH winds were reported by a local mesonet station. Winds were estimated around 75 MPH in Sac County southeast of Schaller. Considerable damage was done to a two farmsteads southeast of town both to the silos as well as the house itself. With that exception, damage was limited by the fact that the leaves had not come out fully.

Audubon County 1 E Gray	17	2050CST			0	0	5K		Hail(1.00)
------------------------------------	----	---------	--	--	---	---	----	--	-------------------

Audubon County Gray	17	2100CST			0	0	1K		Hail(0.88)
--------------------------------	----	---------	--	--	---	---	----	--	-------------------

Crawford County Aspinwall	17	2102CST			0	0	25K		Hail(1.75)
--------------------------------------	----	---------	--	--	---	---	-----	--	-------------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Central</u>									
Carroll County 3 W Dedham	17	2105CST			0	0	5K		Hail(1.00)
Carroll County 2 W Dedham	17	2107CST			0	0	15K		Hail(2.00)
Carroll County 1 W Manning	17	2108CST			0	0	5K		Hail(1.00)
Carroll County 1 E Manning	17	2113CST			0	0	25K		Hail(1.75)
Crawford County 4 E Manilla	17	2120CST			0	0	20K		Hail(1.75)
Carroll County Templeton	17	2125CST			0	0	5K		Hail(1.00)
Carroll County 10 S Carroll	17	2128CST			0	0	15K		Hail(1.75)
Carroll County 7 E Dedham	17	2140CST	0.5	40	0	0	1K		Tornado (F0)
			Brief touchdown with only minor damage.						
Carroll County 4 NW Coon Rapids	17	2152CST			0	0			Hail(0.75)
Greene County 3 S Scranton	17	2201CST			0	0	3K		Hail(1.00)
Greene County 4 S Scranton	17	2206CST			0	0	3K		Hail(0.88)
Greene County 3 S Grand Jct	17	2232CST			0	0	5K		Hail(1.00)
Greene County Rippey	17	2235CST			0	0	25K		Hail(2.00)
Boone County 2 W Madrid	17	2245CST	0.3	35	0	0	1K		Tornado (F0)
			Brief touchdown in open country. Little significant damage.						
Pocahontas County 1 W Havelock	17	2257CST			0	0	3K		Hail(0.88)
Pocahontas County Havelock	17	2258CST			0	0			Hail(0.75)
Pocahontas County Havelock	17	2300CST			0	0	7K		Hail(1.00)
Boone County Fraser	17	2310CST			0	0			Hail(0.75)
Hamilton County 2 N Ellsworth	17	2327CST			0	0			Hail(0.75)
Palo Alto County Emmetsburg	17	2327CST			0	0	5K		Hail(1.00)
Hamilton County 4 E Stanhope	17	2340CST			0	0	3K		Hail(0.88)
Story County Story City	17	2345CST			0	0			Hail(0.75)
Kossuth County Fenton to 2.5 E Fenton	17	2355CST 2359CST			0	0	10K		Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>IOWA, Central</u>									
Kossuth County									
Fenton	17	2355CST			0	0			Thunderstorm Wind (G50)
Hamilton County									
8 ENE Jewell	18	0006CST			0	0	3K		Hail(1.00)
Hardin County									
Buckeye	18	0021CST			0	0	15K		Hail(1.50)
Hardin County									
Iowa Falls	18	0040CST			0	0	5K		Hail(1.00)
Franklin County									
6 NW Ackley	18	0055CST			0	0	5K		Hail(1.00)
Bremer County									
Waverly	18	0125CST			0	0			Hail(0.75)
<p>The cold front mentioned in the previous event washed out and stalled south of Iowa. An east to west boundary set up along the Iowa Missouri border. There was little in the way of temperature contrast across the boundary, however there was a very significant dew point discontinuity. Dew point readings were in the mid 30s to low 40s north of the boundary, while they were in the mid 60s to the south of it. During the evening hours, a low level get formed with winds of 50 to 65 kts blowing across the boundary. A supercell formed over eastern Nebraska and moved east-northeast into Iowa. There were a few other cells that formed during the evening, however most of the severe weather was associated with the one supercell. Hail from three quarters of an inch to two inches in diameter was common with the storm as it moved through. The supercell produced two tornadoes. Both of them were only on the ground briefly and caused little damage. The first was in Carroll County east of Dedham. The second was in Boone County west of Madrid. Later in the evening, a cluster of thunderstorms formed to the northwest of the supercell. In Kossuth County, hail nearly an inch in diameter nearly covered the ground along a two to three mile path near Fenton.</p>									
IAZ017-026>027									
Cerro Gordo - Franklin - Butler									
	17	2320CST			0	0	160K		High Wind (G61)
	18	0035CST							
<p>High winds developed during around the midnight hours over parts of north central Iowa. The winds were not the direct result of the thunderstorms, but were related. The supercell thunderstorm moving across Iowa collapsed. As a result, the concomitant subsidence produced high winds over a few counties. Winds were around 70 MPH at the peak of the high winds. The winds caused some damage around the area, with the hardest hit being Franklin County.</p>									
IAZ070>071-081>082-092>093									
Cass - Adair - Adams - Union - Taylor - Ringgold									
	18	0230CST			0	0	600K		High Wind (G63)^M
		0400CST							
<p>A complex of thunderstorms moved through northeast Kansas during the evening of the 17th. After midnight the storms weakened with the tops collapsing, similar to what had happened a few hours earlier in north central Iowa. High winds moved into southwest Iowa and spread toward the central Counties. Winds of 60 to 75 MPH were common with wind speeds recorded at 72 MPH at Fontanelle at 328 AM CDT. Damage was scattered across a several county area. A heat burst was recorded with the subsidence winds as well. Temperatures rose to the upper 80s at several locations over the southwest third of the state.</p>									
Hamilton County									
1 E Randall	18	1613CST			0	0	5K		Hail(1.00)
Boone County									
1 W Boone	18	1623CST			0	0	5K		Hail(1.00)
Adams County									
1 W Nodaway	18	1625CST			0	0	5K		Hail(1.00)
Guthrie County									
Panora	18	1625CST			0	0	3K		Hail(0.88)
Guthrie County									
Yale	18	1630CST			0	0	5K		Hail(1.00)
Dallas County									
Linden	18	1631CST			0	0	25K		Hail(1.50)
Guthrie County									
4 S Panora	18	1635CST			0	0	25K		Hail(1.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Central</u>									
Adams County Nodaway	18	1637CST			0	0	3K		Hail(0.88)
Boone County 1 N Boone	18	1639CST			0	0	5K		Hail(1.00)
Hardin County Hubbard	18	1643CST			0	0	3K		Hail(0.88)
Boone County 4.5 E Boone	18	1645CST 1700CST			0	0	25K		Hail(1.75)
Boone County 6 NE Boone	18	1645CST			0	0	5K		Hail(1.00)
Greene County 2 SW Rippey	18	1645CST			0	0	15K		Hail(1.50)
Dallas County 1 W Minburn	18	1646CST			0	0			Hail(0.75)
Story County Gilbert	18	1648CST			0	0	5K		Hail(1.00)
Hardin County New Providence	18	1651CST			0	0	25K		Hail(1.75)
Story County 1 N Story City	18	1655CST			0	0	20K		Hail(1.75)
Dallas County 3 W Minburn	18	1656CST			0	0			Hail(0.75)
Hardin County 1 SE New Providence	18	1700CST	0.2	25	0	0	1K		Tornado (F0)
			Brief touchdown with little damage.						
Dallas County Dallas Center	18	1705CST			0	0	5K		Hail(1.00)
Taylor County 1.5 SW Bedford	18	1707CST			0	0	30K		Hail(2.00)
Story County 1 SW Ames	18	1708CST			0	0	1K		Thunderstorm Wind (G52)
Story County Roland	18	1708CST			0	0			Hail(0.75)
Guthrie County 6 S Panora	18	1710CST			0	0	20K		Hail(2.00)
Taylor County Bedford	18	1710CST			0	0	50K		Hail(1.75)
Dallas County 1 W Dallas Center	18	1712CST			0	0	5K		Hail(1.00)
Boone County 1 E Boone	18	1715CST			0	0	3K		Hail(0.88)
Dallas County Redfield	18	1715CST			0	0	5K		Hail(1.00)
Hardin County Eldora	18	1715CST			0	0	7K		Hail(1.00)
Dallas County 1 S Redfield	18	1716CST			0	0	5K		Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Central</u>									
Story County									
1 W Huxley	18	1720CST			0	0	3K		Hail(0.88)
Madison County									
2 S Earlham	18	1724CST			0	0	15K		Hail(1.75)
Dallas County									
Granger	18	1726CST			0	0	3K		Hail(0.88)
Dallas County									
3 N Adel	18	1727CST			0	0	5K		Hail(1.00)
Grundy County									
1 N Dike	18	1730CST	0.2	30	0	0	1K		Tornado (F0)
Touched down briefly in open area north of town, causing little damage.									
Polk County									
Grimes	18	1730CST			0	0	10K		Hail(1.00)
Polk County									
Alleman	18	1735CST			0	0	3K		Hail(0.88)
Ringgold County									
10 W Mt Ayr	18	1737CST			0	0	5K		Hail(1.00)
Polk County									
3 ENE Ankeny	18	1740CST			0	0	10K		Thunderstorm Wind (G61)
Polk County									
Johnston	18	1745CST			0	0	50K		Hail(1.75)
Polk County									
1 N Altoona	18	1749CST	0.3	30	0	0	1K		Tornado (F0)
Tornado touched down briefly in onepn area north of town.									
Polk County									
3 NW Bondurant to Mitchellville	18	1750CST 1802CST	8.5	60	0	0	15K		Tornado (F1)
Tornado tracked over open country for the most part. Some outbuildings were damaged, along with power lines.									
Madison County									
2 E Earlham	18	1752CST			0	0	30K		Thunderstorm Wind (G69)
Hardin County									
4 S Hubbard	18	1753CST			0	0	10K		Thunderstorm Wind (G56)
Polk County									
Bondurant	18	1759CST			0	0			Thunderstorm Wind (G75)
Madison County									
5 E Earlham	18	1800CST			0	0	3K		Hail(0.88)
Black Hawk County									
3 SW Eagle Center	18	1808CST	0.3	30	0	0	1K		Tornado (F0)
Tornado touched down briefly in open country.									
Marshall County									
8 E Liscomb	18	1810CST			0	0			Hail(0.75)
Black Hawk County									
Hudson	18	1816CST			0	0	3K		Hail(0.88)
Jasper County									
Reasnor	18	1842CST			0	0	3K		Hail(0.88)
Marion County									
1 E Swan	18	1846CST			0	0	3K		Hail(0.88)
Decatur County									
Lamoni	18	1850CST			0	0	5K		Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

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

IOWA, Central

Decatur County

Decatur City	18	1900CST			0	0	5K		Hail(1.00)
--------------	----	---------	--	--	---	---	----	--	------------

Jasper County

6 S Newton	18	1906CST			0	0	3K		Hail(0.88)
------------	----	---------	--	--	---	---	----	--	------------

Poweshiek County

Brooklyn	18	1921CST			0	0	40K		Hail(2.00)
----------	----	---------	--	--	---	---	-----	--	------------

A strong southerly flow was well established over the central U.S. Temperatures pushed well into the 80s during the afternoon. Surface dew point temperatures rose into the mid 60s to low 70s across the state. Initially, the atmosphere was capped. By the late afternoon hours the cap broke as the cold front pushed into the state from the northwest. Thunderstorms developed rapidly into a scattered to broken line. Hail was widespread with the storms with sizes ranging up to 2 inches in diameter. Two inch hail was reported at Brooklyn in Poweshiek County as well as southwest of Bedford in Taylor County. There were numerous reports of golf ball size hail with the storms. Windows were shattered with some of the larger hail with a few reports of damage to vinyl siding on houses. A few of the storms produced high winds. Winds of 65 MPH were reported in Hardin County south of Hubbard. Winds were around 80 MPH in Madison County, toppling power poles. There were several tornadoes with the squall line. The first tornadoes touched down in the northeast part of the state. They did not cause much damage as one touched down briefly in Hardin County, another in Grundy County. A short time later a tornado made a brief touch down north of Altoona in Polk County. Another tornado touched down between Bondurant and Elkhart. This tornado was the strongest of the afternoon and tracked southeast toward the Mitchellville area. Damage was reported to power lines and out buildings along the path. Fortunately the track did not move through a populated area. The last tornado touched down near the Waterloo area southwest of Eagle Center. This was also a brief touch down.

Pocahontas County

Fonda	24	0623CST			0	0			Hail(0.75)
-------	----	---------	--	--	---	---	--	--	------------

Pocahontas County

Fonda	24	0630CST			0	0			Hail(0.75)
-------	----	---------	--	--	---	---	--	--	------------

Pocahontas County

Fonda	24	0632CST			0	0	10K		Hail(1.25)
-------	----	---------	--	--	---	---	-----	--	------------

Wapello County

2 N Eddyville	24	0945CST			0	0	25K		Thunderstorm Wind (G52)
---------------	----	---------	--	--	---	---	-----	--	-------------------------

Monroe County

Albia	24	0951CST			0	0	3K		Thunderstorm Wind (G52)
-------	----	---------	--	--	---	---	----	--	-------------------------

Appanoose County

Moravia	24	0955CST			0	0	5K		Thunderstorm Wind (G50)
---------	----	---------	--	--	---	---	----	--	-------------------------

Mahaska County

5 SW Cedar	24	0956CST			0	0	10K		Thunderstorm Wind (G56)
------------	----	---------	--	--	---	---	-----	--	-------------------------

Mahaska County

5 SW Cedar	24	0957CST			0	0	15K		Hail(1.75)
------------	----	---------	--	--	---	---	-----	--	------------

Wapello County

Eddyville	24	1001CST			0	0	3K		Hail(0.88)
-----------	----	---------	--	--	---	---	----	--	------------

Monroe County

8 NE Albia	24	1005CST			0	0	3K		Thunderstorm Wind (G52)
------------	----	---------	--	--	---	---	----	--	-------------------------

Wapello County

1 W Ottumwa	24	1024CST			0	0			Hail(0.75)
-------------	----	---------	--	--	---	---	--	--	------------

An unseasonably strong cold front approached Iowa from the northwest during the early morning hours of the 24th. Southerly winds ahead of the front drew moisture north from the Gulf of Mexico. Surface dew point temperatures rose into the mid 50s to around 60. The atmosphere became unstable as a result, however a cap was in place aloft limiting convection through most of the night. Elevated convection took place just behind the cold front shortly before sunrise in northwest Iowa. Some of the storms became severe. Much of the severe weather occurred from west central Iowa into the south central counties. An old warm frontal boundary was in place from northwest into south central Iowa. This boundary enhanced the convection. Much of the severe weather was in the form of hail. High winds were reported in Monroe and Mahaska County from one of the stronger clusters of storms. A semi-tractortrailer truck was blown off of U.S. Highway 63 five miles south of Cedar in Mahaska County. Another semi-tractortrailer truck was blown off of Highway 63 just north of Eddyville in Mahaska County. The storms continued to intensify as the heating of the day took place, however they moved east of the Des Moines CWA by that time.

Storm Data and Unusual Weather Phenomena

April 2002

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

IOWA, Central

IAZ071

Adair

27 1822CST 0 0 2K High Wind (G51)^M

A strong low pressure system moved across northern Kansas and lifted east-northeast into Iowa. The warm front extending east from the low lifted into southern Iowa, but did not move very far north into the state. In the warm sector, a strong dry line had formed during the afternoon of the 27th. A line of intense to severe thunderstorms developed along the dry line in northeast Kansas and moved northeast into Iowa. Thunderstorms moved into the Des Moines CWA as near severe storms. After the passage of the low and dry line, strong westerly winds overspread the state. This was especially true over the south half of Iowa. Winds of 40 to 55 MPH were common. Winds gusted to 59 MPH at Fontanelle in Adair County during the early evening hours. Little damage was reported and this was the only location to reach high wind criteria.

IOWA, East Central and Southeast

Cedar County

Mechanicsville 18 1323CST 0 0 Hail(0.75)

Dubuque County

Dubuque Arpt 18 1354CST 0 0 Thunderstorm Wind (G69)^M

Johnson County

River Jct 18 1355CST 0 0 Hail(1.00)

Jones County

Wyoming 18 1355CST 0 0 Hail(0.75)

Jones County

3 N Oxford Jct 18 1403CST 0 0 Hail(1.75)

Jackson County

5 W Andrew 18 1420CST 0 0 Hail(0.88)

Jackson County

2 N Maquoketa 18 1420CST 0 0 Hail(1.00)

Clinton County

2 NE Welton 18 1540CST 0 0 Hail(1.75)

Low level warm advection accompanying a strong low level jet helped trigger scattered thunderstorms during the morning. The thunderstorms persisted and slowly intensified through the afternoon, as they encountered more favorable dynamics and instability. A few reports of large hail up to golfball size were received, mainly north of Interstate 80.

Benton County

Garrison 18 1852CST 0 0 Thunderstorm Wind (G61)^M

Buchanan County

1 E Jesup 18 1900CST 0 0 Thunderstorm Wind (G61)

High winds toppled a building, which was under construction.

Buchanan County

2 S Aurora 18 1908CST 0 0 Thunderstorm Wind (G61)

Farm buildings damaged.

Buchanan County

2 NE Independence 18 1908CST 0 0 Thunderstorm Wind (G61)

Several barns blown down.

Linn County

2 S Walker 18 1908CST 0 0 Thunderstorm Wind (G61)

Farm building blown down.

Buchanan County

3 SE Quasqueton 18 1920CST 0 0 Funnel Cloud

Iowa County

2 N Millersburg 18 1942CST 0 0 Funnel Cloud

Storm Data and Unusual Weather Phenomena

April 2002

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

IOWA, East Central and Southeast

Jones County

1 W Monticello	18	1955CST			0	0			Thunderstorm Wind (G52)
----------------	----	---------	--	--	---	---	--	--	-------------------------

Trees and power lines blown down along County Road D62.

Jones County

Monticello	18	1955CST			0	0			Thunderstorm Wind (G52) ^M
------------	----	---------	--	--	---	---	--	--	--------------------------------------

Johnson County

1 S Tiffin	18	2005CST			0	0			Hail(0.75)
------------	----	---------	--	--	---	---	--	--	------------

Johnson County

3 N Coralville	18	2020CST			0	0			Thunderstorm Wind (G61)
----------------	----	---------	--	--	---	---	--	--	-------------------------

Semi tractor trailer blown over.

Jones County

Wyoming	18	2020CST			0	0			Hail(1.00)
---------	----	---------	--	--	---	---	--	--	------------

Jones County

Wyoming	18	2026CST			0	0			Funnel Cloud
---------	----	---------	--	--	---	---	--	--	--------------

Muscatine County

1 SW Atalissa	18	2030CST			0	0			Lightning
---------------	----	---------	--	--	---	---	--	--	-----------

Lightning struck a 100 year old Cottonwood tree. Witnesses said it sounded like a bomb going off. Pieces of the tree were found as far as 200 feet away, and several were speared into the ground with tremendous force. The lightning traveled down the tree and dug a deep trench in the ground, heading toward a metal storage shed.

Jones County

Oxford Jct	18	2045CST			0	0			Hail(0.88)
------------	----	---------	--	--	---	---	--	--	------------

Jones County

Oxford Jct	18	2045CST			0	0			Thunderstorm Wind (G51) ^M
------------	----	---------	--	--	---	---	--	--	--------------------------------------

Tree limbs up to 1 foot in diameter blown down.

Scott County

Eldridge	18	2050CST			0	0			Thunderstorm Wind (G52)
----------	----	---------	--	--	---	---	--	--	-------------------------

Ten inch diameter tree limb blown down on LeClaire Road.

A second round of severe weather plagued portions of Eastern Iowa. Scattered severe thunderstorms developed over North Central Iowa during the late afternoon, and moved back across some of the same areas along and north of Interstate 80. The severe thunderstorms produced damaging winds, large hail and a few funnel clouds.

IAZ042-054-066>068-078-089 Dubuque - Jackson - Clinton - Muscatine - Scott - Louisa - Des Moines

	21	1827CST			0	0			Flood
	30	2359CST							

Snowmelt resulted in minor to moderate flooding on the Mississippi River. The Mississippi River reached flood stage at most locations around the 23rd to the 26th, with the earlier dates occurring toward the north. Locally heavy rains, which fell in conjunction with the crest, led to higher crests than those from the snowmelt. The Mississippi River remained above flood stage at some points south of the Quad Cities through the end of the month.

Muscatine County

Muscatine	24	1029CST			0	0			Hail(0.75)
-----------	----	---------	--	--	---	---	--	--	------------

Clinton County

Dewitt	24	1100CST			0	0			Hail(0.75)
--------	----	---------	--	--	---	---	--	--	------------

Lee County

Houghton	24	1143CST			0	0			Hail(1.00)
----------	----	---------	--	--	---	---	--	--	------------

Lee County

New Boston	24	1157CST			0	0			Hail(0.88)
------------	----	---------	--	--	---	---	--	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

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

IOWA, East Central and Southeast

Clinton County

Dewitt	24	1159CST			0	0			Urban/Sml Stream Fld
--------	----	---------	--	--	---	---	--	--	----------------------

Very heavy rain resulted in standing water ankle deep in some city streets.

A vigorous, cold upper level trough and associated surface cold front swept through the Great Lakes and Mississippi Valley triggering scattered thunderstorms over Eastern Iowa during the late morning and early afternoon. There were many reports of pea sized hail, and a few reports of large hail up to 1 inch in diameter.

IOWA, Northeast

Fayette County

Waucoma	18	0045CST			0	0			Hail(1.00)
---------	----	---------	--	--	---	---	--	--	------------

Winneshiek County

Ft Atkinson	18	0046CST			0	0			Hail(0.75)
-------------	----	---------	--	--	---	---	--	--	------------

Winneshiek County

Spillville	18	0100CST			0	0			Hail(0.75)
------------	----	---------	--	--	---	---	--	--	------------

Chickasaw County

2 W Ionia	18	0158CST			0	0			Hail(1.75)
-----------	----	---------	--	--	---	---	--	--	------------

Fayette County

5 W Westgate	18	0200CST			0	0			Hail(0.75)
--------------	----	---------	--	--	---	---	--	--	------------

Allamakee County

Lansing	18	0215CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Chickasaw County

Ionia	18	0215CST			0	0			Hail(1.00)
-------	----	---------	--	--	---	---	--	--	------------

Chickasaw County

New Hampton	18	0215CST			0	0			Hail(0.88)
-------------	----	---------	--	--	---	---	--	--	------------

Howard County

10 S Lourdes	18	0232CST			0	0			Hail(1.75)
--------------	----	---------	--	--	---	---	--	--	------------

Fayette County

West Union	18	0247CST			0	0			Hail(0.75)
------------	----	---------	--	--	---	---	--	--	------------

Winneshiek County

Kendallville	18	0305CST			0	0			Hail(1.75)
--------------	----	---------	--	--	---	---	--	--	------------

Allamakee County

Waukon	18	0308CST			0	0			Hail(0.75)
--------	----	---------	--	--	---	---	--	--	------------

Allamakee County

Waukon	18	0310CST			0	0			Hail(1.00)
--------	----	---------	--	--	---	---	--	--	------------

Allamakee County

Waukon	18	0310CST			0	0			Hail(1.00)
--------	----	---------	--	--	---	---	--	--	------------

Hail ranging in size from dimes to golf balls was reported by spotters and law enforcement officials.

Floyd County

Marble Rock	18	1540CST			0	0			Hail(1.75)
-------------	----	---------	--	--	---	---	--	--	------------

Floyd County

Charles City	18	1555CST			0	0			Hail(0.88)
--------------	----	---------	--	--	---	---	--	--	------------

Chickasaw County

2 W Ionia	18	1603CST			0	0			Hail(1.00)
-----------	----	---------	--	--	---	---	--	--	------------

Chickasaw County

3 W Ionia	18	1606CST			0	0			Hail(1.75)
-----------	----	---------	--	--	---	---	--	--	------------

Chickasaw County

Ionia	18	1614CST			0	0			Hail(1.75)
-------	----	---------	--	--	---	---	--	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Northeast</u>									
Chickasaw County 4 N New Hampton	18	1629CST			0	0			Hail(1.75)
Chickasaw County 1 E New Hampton	18	1640CST			0	0			Funnel Cloud
Chickasaw County Lawler	18	1652CST			0	0			Hail(1.00)
Fayette County Waucoma	18	1655CST			0	0			Hail(1.25)
Winneshiek County Jackson Jct	18	1658CST			0	0			Hail(1.00)
Winneshiek County Ft Atkinson	18	1707CST			0	0			Hail(1.00)
Allamakee County Dorchester	18	1719CST			0	0			Hail(1.00)
Winneshiek County Frankville	18	1720CST			0	0			Hail(1.75)
Chickasaw County New Hampton	18	1728CST			0	0			Hail(0.75)
Chickasaw County Lawler	18	1740CST			0	0			Hail(1.75)
Allamakee County 4 N Postville	18	1745CST			0	0			Hail(1.75)
Winneshiek County Calmar	18	1755CST			0	0			Hail(0.75)
Winneshiek County Ft Atkinson	18	1801CST			0	0			Hail(1.75)
Fayette County Hawkeye	18	1812CST			0	0			Thunderstorm Wind (G50)
Fayette County 2 N Fayette	18	1825CST			0	0			Hail(1.75)
Fayette County 2 N Fayette	18	1825CST			0	0			Thunderstorm Wind (G52)
Allamakee County Postville	18	1850CST			0	0			Hail(1.00)
Clayton County Edgewood	18	1930CST			0	0			Thunderstorm Wind (G52)

Numerous reports of large hail were received from law enforcement officials, storm spotters and the public. The hail ranged in size from dimes to as large as golf balls. There were also a few reports of 60 mph wind gusts.

IOWA, Northwest

Woodbury County Sioux City Arpt	16	1723CST			0	0			Thunderstorm Wind (G50)
Woodbury County 3 NE Lawton	16	1734CST			0	0	10K		Thunderstorm Wind (G57)
Thunderstorm winds blew down tree limbs and tore shingles from roofs.									
Woodbury County Sioux City	16	1810CST			0	0	50K		Thunderstorm Wind (G57)
Thunderstorm winds blew a tree onto a garage, heavily damaging the garage and a restored vehicle inside.									

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>IOWA, Northwest</u>									
Plymouth County 5 W Kingsley	16	1741CST			0	0			Thunderstorm Wind (G52)
Plymouth County Le Mars Muni Arpt	16	1745CST			0	0			Thunderstorm Wind (G56) ^M
Sioux County Hawarden	16	1745CST			0	0	50K		Thunderstorm Wind (G61) Thunderstorm winds rolled a semi truck and crumpled a storage tank.
Sioux County 3 N Ireton	16	1750CST			0	0			Thunderstorm Wind (G57)
Sioux County Sioux Center	16	1800CST			0	0			Thunderstorm Wind (G57)
Sioux County Orange City Arpt	16	1805CST			0	0			Thunderstorm Wind (G55) ^M
Sioux County 1 NW Hospers	16	1825CST			0	0			Thunderstorm Wind (G52)
O'Brien County 2 E Sheldon	16	1810CST			0	0	50K		Thunderstorm Wind (G57) Thunderstorm winds blew down a garage and extensively damaged two cars inside.
O'Brien County Paullina	16	1820CST			0	0			Thunderstorm Wind (G52)
O'Brien County 4 SW Germantown	16	1830CST			0	0			Thunderstorm Wind (G57)
Lyon County 2 W Lester	16	1830CST			0	0	5K		Thunderstorm Wind (G61) Thunderstorm winds blew down a 30 foot by 60 foot cattle shed and two evergreen trees.
Lyon County 2 W Alvord	16	1835CST			0	0	5K		Thunderstorm Wind (G61) Thunderstorm winds blew down and twisted the roof of a storage shed, and blew down tree limbs and branches.
Osceola County 2 S Melvin	16	1835CST			0	0	10K		Thunderstorm Wind (G65) Thunderstorm winds blew the roof off a building.
Osceola County 14 E Sibley	16	1845CST			0	0	20K		Thunderstorm Wind (G57) Thunderstorm winds blew down power poles, resulting in power outages.
Clay County 2 N Peterson	16	1847CST			0	0			Hail(0.75)
Clay County Peterson	16	2110CST			0	0			Hail(0.75)
Clay County Royal	16	2110CST			0	0			Hail(0.88)
Clay County Fostoria	16	2122CST			0	0			Hail(0.75)
Dickinson County Terril	16	2135CST			0	0	10K		Thunderstorm Wind (G61) Thunderstorm winds caused tree damage. Small hail driven by the winds broke windows.
IAZ001 Lyon	20 21	2300CST 0900CST			0	0			Heavy Snow A late season wet snowfall of 4 to 7 inches disrupted travel.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>IOWA, Southwest</u>									
Monona County									
5 SW Blencoe	16	1900CST			0	0			Hail(1.00)
Harrison County									
Little Sioux	16	1900CST			0	0			Thunderstorm Wind (G50)
A cooperative observer near Little Sioux, Iowa reported thunderstorm wind gusts around 60 mph blew part of a roof off of a shed.									
Harrison County									
1 S Woodbine	16	2114CST			0	0			Hail(0.75)
Shelby County									
Shelby	16	2131CST			0	0			Hail(0.75)
Shelby County									
Harlan	16	2143CST			0	0			Thunderstorm Wind (G55) ^M
A thunderstorm wind gust of 63 mph was recorded by the Harlan AWOS.									
Harrison County									
2 N Logan to 3 SW Woodbine	17	1729CST 1735CST	2	25	0	0			Tornado (F0)
A tornado reported by an amateur radio operator was also caught on film by a veteran storm chaser who described the tornado as having rotating dust swirls directly under a bowl shaped lowering and rotating mesocyclone. The tornado apparently touched down in open country and caused little or no damage.									
Harrison County									
6 SW Pisgah	17	1900CST			0	0			Hail(0.88)
Harrison County									
2 S Mondamin	17	1910CST			0	0			Hail(1.00)
Harrison County									
2 E Mondamin	17	1920CST			0	0			Hail(1.25)
Harrison County									
Mondamin	17	1920CST 1932CST			0	0			Hail(2.00)
Hail between 1.5 and 2 inches in diameter was reported around Mondamin from 820 through 832 pm cdt.									
Harrison County									
2 N Logan	17	1939CST			0	0			Hail(0.75)
Harrison County									
3 S Woodbine	17	1948CST			0	0			Hail(1.00)
After the tornado southwest of Woodbine lifted, it was still producing large hail									
Shelby County									
1 W Portsmouth	17	1950CST			0	0			Hail(2.00)
The storm that produced this large hail was the same storm that produced the tornado southwest of Woodbine.									
Shelby County									
Irwin	17	2046CST			0	0			Hail(0.75)
Montgomery County									
Villisca	18	1609CST			0	0			Hail(0.88)
Page County									
10 E Shenandoah	18	1610CST			0	0			Hail(0.75)
Harrison County									
1 NW Modale	24	0555CST			0	0			Hail(1.00)
Fremont County									
Hamburg	24	0740CST 0750CST			0	0			Hail(0.88)
Hail up to nickel size lasted 10 minutes in Hamburg.									
Fremont County									
1 W Hamburg	24	0805CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Southwest</u>									
Fremont County									
2 NW Percival	27	1541CST	0	20	0	0			Tornado (F0)
A brief tornado touchdown was reported by a storm chaser.									
Fremont County									
4 WNW Thurman	27	1550CST	0	20	0	0			Tornado (F0)
A brief touchdown of a tornado in open country just northeast of exit 20 on Interstate 29. The tornado was caught on film by a storm chaser.									
Mills County									
4 SSW Glenwood	27	1558CST	0	20	0	0			Tornado (F0)
A storm chaser reported a tornado touchdown southwest of the intersection of highways 275 and 34. The tornado was on the ground for less than 1 minute and was in an open field. It was from the same mini-supercell that produced the tornado touchdown near Thurman several minutes earlier.									
<u>KANSAS, East</u>									
Brown County									
3 SW Morrill	11	1602CST			0	0			Hail(0.75)
Dickinson County									
3 SW Herington	11	1605CST			0	0			Hail(0.75)
Riley County									
5 S Manhattan	11	1639CST			0	0			Hail(0.75)
Morris County									
4 NW Burdick	11	1649CST			0	0			Hail(0.88)
Morris County									
Dwight	11	1736CST			0	0			Hail(1.00)
Wabaunsee County									
Alta Vista	11	1740CST			0	0			Hail(0.88)
Wabaunsee County									
Alta Vista	11	1742CST			0	0			Hail(1.25)
Wabaunsee County									
Alta Vista	11	1743CST			0	0			Hail(1.00)
Shawnee County									
5 N Dover	11	1812CST			0	0			Hail(0.75)
Jefferson County									
1 SE Perry	11	1930CST			0	0			Hail(0.75)
Jefferson County									
Williamstown	11	1932CST			0	0			Hail(0.88)
Franklin County									
Centropolis	11	2046CST			0	0			Hail(0.75)
Thunderstorms developed over northeast and east central Kansas the early evening of the 11th. Some storms became severe and produced hail up to the size of half dollars.									
Cloud County									
8 S Jamestown	16	1917CST			0	0			Hail(0.75)
Ottawa County									
3 SSW Delphos	16	1932CST			0	0			Hail(0.75)
Cloud County									
7 SSE Glasco	16	1937CST			0	0			Hail(0.88)
Ottawa County									
1 E Delphos	16	1939CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KANSAS, East</u>									
Ottawa County									
2 NW Delphos	16	1940CST			0	0			Hail(0.88)
Clay County									
2 N Morganville	16	2015CST			0	0			Hail(0.75)
Geary County									
5 SE Junction City	16	2147CST			0	0			Hail(1.00)
Thunderstorms developed over north central Kansas the evening of the 16th. Some became severe and produced hail up to the size of quarters.									
Dickinson County									
3 SW Carlton	17	2211CST			0	0			Hail(1.25)
Dickinson County									
2 SW Carlton	17	2213CST			0	0			Hail(0.75)
Dickinson County									
1 SW Elmo	17	2218CST			0	0			Hail(1.00)
Dickinson County									
1 SW Elmo	17	2219CST			0	0			Hail(1.25)
Dickinson County									
3 S Carlton	17	2223CST			0	0			Hail(1.00)
Dickinson County									
Carlton	17	2223CST			0	0			Hail(1.00)
Dickinson County									
1 S Elmo	17	2224CST			0	0			Hail(1.00)
Dickinson County									
3 S Elmo	17	2224CST			0	0			Hail(1.75)
Dickinson County									
6 SSE Solomon to 6 SSW Solomon	17	2230CST			0	0			Hail(0.88)
KSZ023>024									
Pottawatomie - Jackson									
	17	2230CST 2244CST			0	0	3K		High Wind (G65)
Power lines were knocked down in St. Marys.									
Ottawa County									
1 NW Culver	17	2245CST			0	0			Hail(0.75)
Dickinson County									
5 N Herington	17	2248CST			0	0			Hail(1.00)
KSZ024									
Jackson									
	17	2255CST			0	0			High Wind (G65)
Dickinson County									
6 N Herington	17	2258CST			0	0			Hail(1.00)
High winds generated by distant thunderstorms knocked down large tree limbs.									
KSZ011-024									
Nemaha - Jackson									
	17	2258CST 2259CST			0	0	2K		High Wind (G65)
Morris County									
7 WNW White City	17	2302CST			0	0			Hail(1.75)
Ottawa County									
Minneapolis	17	2304CST			0	0			Hail(0.75)
Geary County									
8 S Junction City	17	2309CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

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>								
KSZ011		Nemaha						
	17	2311CST			0	0		High Wind (G65)
	Strong winds generated by distant thunderstorms blew down large tree limbs.							
Geary County								
4 WNW Junction City	17	2317CST			0	0		Hail(0.75)
Ottawa County								
9 N Vine Creek	17	2323CST			0	0		Hail(1.00)
Republic County								
1 SW Talmo	17	2326CST			0	0		Hail(1.00)
Clay County								
2 N Longford	17	2341CST			0	0		Hail(1.00)
KSZ012		Brown						
	17	2343CST			0	0		High Wind (G44)
	Strong winds stirred up blowing dust that reduced visibility.							
Washington County								
Morrowville	17	2353CST			0	0		Hail(0.75)
Clay County								
Clay Center	18	0006CST			0	0		Hail(1.25)
Clay County								
Wakefield	18	0007CST			0	0		Hail(0.75)
Ottawa County								
1 N Delphos	18	0015CST			0	0		Hail(0.75)
Clay County								
3 S Green	18	0020CST			0	0		Hail(1.00)
Ottawa County								
Minneapolis	18	0035CST			0	0		Hail(0.75)
Riley County								
7 N Randolph	18	0035CST			0	0		Hail(0.88)
KSZ011		Nemaha						
	18	0059CST			0	0		High Wind (G52)
Marshall County								
2 NW Frankfort	18	0105CST			0	0		Thunderstorm Wind (G61)
Pottawatomie County								
4 SSW Westmoreland	18	0105CST			0	0		Hail(1.00)
KSZ011>012		Nemaha - Brown						
	18	0110CST 0147CST			0	0	5K	High Wind (G61)
	Strong winds destroyed several buildings 3 miles west of Sabetha.							
	Thunderstorms developed over north central and northeast Kansas the evening of the 17th and continued well into the night. Many became severe and produced numerous reports of large hail and damaging winds. In addition a gust front moved away from the thunderstorms and produced high winds up to 70 mph. The gust front developed near St. Marys and spread rapidly northeast to the Hiawatha, Sabetha, and Seneca areas. These winds downed power lines, uprooted trees, and damaged several buildings with damage totals around 10 thousand dollars.							
Dickinson County								
5 SSE Solomon	18	1644CST			0	0		Hail(0.88)
Dickinson County								
Abilene	18	1650CST			0	0		Hail(1.00)
Dickinson County								
Abilene	18	1651CST			0	0		Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KANSAS, East</u>									
Geary County									
3 W Junction City	18	1706CST			0	0			Hail(0.75)
Geary County									
Ft Riley	18	1715CST			0	0			Hail(1.00)
Riley County									
3 W Ogden	18	1722CST			0	0			Hail(0.75)
Pottawatomie County									
7 W Westmoreland	18	1757CST			0	0			Hail(1.00)
Pottawatomie County									
Westmoreland	18	1802CST			0	0			Hail(0.75)
Pottawatomie County									
2 NNE Havensville	18	1807CST			0	0			Hail(0.75)
Nemaha County									
Goff	18	1824CST			0	0			Hail(1.00)
Brown County									
4 W Hiawatha	18	1855CST			0	0			Hail(1.00)
Brown County									
1 W Hiawatha	18	1855CST			0	0			Hail(0.75)
A small band of thunderstorms developed in southern parts of north central Kansas during the late afternoon of the 18th and quickly became severe. There were numerous reports of large hail as the thunderstorms moved northeast into extreme northeast Kansas.									
Ottawa County									
2 E Culver	18	2255CST			0	0			Hail(0.75)
Clay County									
4 W Wakefield	19	0005CST			0	0			Hail(0.75)
Clay County									
5 WNW Wakefield	19	0006CST			0	0	1K		Hail(1.00)
Quarter size hail broke windows on a church.									
Clay County									
Wakefield	19	0007CST			0	0			Hail(0.75)
Ottawa County									
1 N Delphos	19	0015CST			0	0			Hail(0.75)
Cloud County									
Glasco	19	0019CST			0	0			Hail(1.00)
Riley County									
Riley	19	0028CST			0	0			Hail(1.00)
Riley County									
Riley	19	0030CST			0	0			Hail(0.75)
Riley County									
Riley	19	0033CST			0	0			Hail(1.75)
Ottawa County									
Minneapolis	19	0038CST			0	0			Hail(1.00)
Ottawa County									
2 N Minneapolis	19	0100CST			0	0			Hail(1.75)
Ottawa County									
Wells	19	0105CST			0	0			Hail(0.75)
Ottawa County									
4 NE Minneapolis	19	0106CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KANSAS, East</u>									
Ottawa County									
4 NE Minneapolis	19	0106CST			0	0			Thunderstorm Wind (G52)
Geary County									
Ft Riley	19	0130CST			0	0			Thunderstorm Wind (G51)
Clay County									
10 E Longford	19	0134CST			0	0			Hail(0.75)
Dickinson County									
5 W Upland	19	0135CST			0	0			Thunderstorm Wind (G61)
Riley County									
Ogden	19	0140CST			0	0			Hail(0.75)
Riley County									
Riley	19	0155CST			0	0			Thunderstorm Wind (G61)
Riley County									
Manhattan	19	0200CST			0	0			Thunderstorm Wind (G56) ^M
Riley County									
Manhattan Arpt	19	0204CST			0	0	6K		Thunderstorm Wind (G71) ^M Strong winds damaged the roof of the airport terminal and blew the roof off a trailer.
Riley County									
Manhattan	19	0205CST			0	0			Thunderstorm Wind (G52)
Clay County									
7 SW Wakefield	19	0207CST			0	0			Hail(0.75)
Riley County									
7 W Manhattan	19	0207CST			0	0			Hail(0.75)
Riley County									
7 W Manhattan	19	0207CST			0	0			Thunderstorm Wind (G52)
Riley County									
Manhattan	19	0214CST			0	0			Hail(1.00)
Riley County									
Manhattan	19	0214CST			0	0	5M		Thunderstorm Wind (G61) A bow echo moved east across Riley county producing strong winds and large hail. Winds reached a speed of 82 mph at the Manhattan airport. The strong winds knocked out power and did widespread damage in Manhattan to many homes and businesses. The Walmart store had severe roof damage that resulted in store closure for several days until repairs could be made. Total damage estimates from Riley county officials were 5 million dollars.
Jackson County									
Mayetta	19	0225CST			0	0			Hail(0.75)
Pottawatomie County									
Wamego	19	0229CST			0	0	5K		Thunderstorm Wind (G60) Strong winds damaged some homes in Wamego.
Pottawatomie County									
Wamego	19	0232CST			0	0	3K		Thunderstorm Wind (G55) Strong winds damaged some business signs in Wamego.
Wabaunsee County									
Alma	19	0243CST			0	0	4K		Thunderstorm Wind (G55) Strong winds damaged several buildings in Alma.
Wabaunsee County									
Paxico	19	0243CST			0	0			Thunderstorm Wind (G56)
Wabaunsee County									
Alma	19	0245CST			0	0	381K		Thunderstorm Wind (G56) Strong winds blew down beams on a new high school under construction in Alma.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KANSAS, East</u>									
Pottawatomie County									
Wamego	19	0246CST			0	0	227K		Thunderstorm Wind (G61)
Strong winds damaged many homes and residences in Wamego.									
Wabaunsee County									
Alma	19	0246CST			0	0	3K		Thunderstorm Wind (G61)
Strong winds blew down power lines and tore off tree limbs.									
Wabaunsee County									
Alma	19	0300CST			0	0			Hail(0.75)
Wabaunsee County									
Alma	19	0300CST			0	0			Thunderstorm Wind (G52)
Shawnee County									
Topeka	19	0313CST			0	0			Thunderstorm Wind (G52)
Osage County									
8 NNW Burlingame	19	0320CST			0	0			Hail(0.88)
Shawnee County									
Topeka Billard Arpt	19	0326CST			0	0			Thunderstorm Wind (G51) ^M
Shawnee County									
2 SE Topeka	19	0326CST			0	0			Hail(0.75)
Shawnee County									
1 E Topeka	19	0326CST			0	0	2M		Thunderstorm Wind (G55)
A bow echo moved across Shawnee county and produced high winds in excess of 60 mph. The winds did extensive damage to many homes and businesses mainly in the northern half of Topeka. Preliminary damage estimates from officials in Shawnee county totaled 2 million dollars.									
Shawnee County									
Topeka Billard Arpt	19	0326CST			0	0			Hail(0.75)
Jackson County									
2 SE Hoyt	19	0330CST			0	0	1K		Thunderstorm Wind (G55)
Strong winds broke a power pole.									
Jefferson County									
Grantville	19	0337CST			0	0	2K		Thunderstorm Wind (G55)
Strong winds blew a power line down.									
Jefferson County									
Grantville	19	0337CST			0	0			Hail(0.75)
Douglas County									
1 S Lecompton	19	0345CST			0	0			Hail(0.88)
Douglas County									
1 S Lecompton	19	0345CST			0	0			Thunderstorm Wind (G52)
Douglas County									
2 NW Lawrence	19	0350CST			0	0			Hail(1.75)
Douglas County									
2 NW Lawrence	19	0350CST			0	0			Thunderstorm Wind (G61)
Douglas County									
Lawrence Arpt	19	0353CST			0	0			Thunderstorm Wind (G58) ^M
Douglas County									
2 N Midland	19	0353CST			0	0			Hail(1.00)
Jefferson County									
6 ESE Williamstown	19	0353CST			0	0			Hail(1.00)
Douglas County									
1 NW Baldwin	19	0354CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, East</u>									
Jefferson County									
5 E Williamstown	19	0356CST			0	0			Hail(0.88)
Douglas County									
Lawrence	19	0357CST			0	0			Hail(0.88)
Douglas County									
Lawrence	19	0357CST			0	0	4K		Thunderstorm Wind (G60)
									Power lines and trees were downed in Lawrence.
Jefferson County									
4 SE Mc Louth	19	0357CST			0	0			Hail(0.88)
Jefferson County									
Perry	19	0357CST			0	0	3K		Thunderstorm Wind (G55)
									Strong winds downed power lines.
Franklin County									
4 W Wellsville	19	0405CST			0	0			Hail(0.75)
Franklin County									
4 W Wellsville	19	0405CST			0	0			Thunderstorm Wind (G52)
									Thunderstorms developed over north central and northeast Kansas the late evening of the 18th and continued into the early morning hours of the 19th. Many of the storms became severe and produced numerous reports of large hail and damaging winds. The event culminated when a Bow Echo developed over north central Kansas in the vicinity of Clay Center and moved rapidly east producing a swath of strong winds and large hail about 20 miles wide generally in the vicinity of the Kansas River and Interstate 70 from Manhattan to Lawrence. The strongest wind recorded was an 82 mph wind gust as the storm passed the Manhattan Airport. Over 7,000 locations were without power for a time in Shawnee county. Between 100 and 120 residences in the town of Milford suffered damage, 2 of them major damage. Large hail and strong winds blew out windows and dented sidings to mobile homes across the area. There was numerous roof damage, power lines and trees downed along the path of the storm. A high school gym under construction in Alma suffered major damage. Preliminary damage estimates from the storm (not all documented above) totaled over 7 million dollars --- 5 million in Riley county, 2 million in Shawnee county, 388 thousand in Wabaunsee county, and 235 thousand in Pottawatomie county--- making this one of the worst storms in many years to strike northeast Kansas.
Osage County									
2 W Osage City	21	0115CST			0	0			Hail(0.75)
Douglas County									
3 S Pleasant Grove	21	0150CST			0	0			Hail(0.75)
Anderson County									
1 W Harris	21	0216CST			0	0			Hail(1.75)
Anderson County									
Harris	21	0217CST			0	0			Hail(0.75)
Anderson County									
Garnett	21	0222CST			0	0			Hail(0.88)
Anderson County									
Garnett	21	0230CST			0	0			Hail(1.00)
Jackson County									
1 NW Whiting	27	1433CST			0	0			Hail(1.00)
Brown County									
Horton	27	1438CST			0	0			Thunderstorm Wind (G52)
<u>KANSAS, Extreme Southeast</u>									
Bourbon County									
Ft Scott	27	0025CST			0	0	0		Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

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

KANSAS, North Central

Jewell County

Jewell	17	2300CST			0	0	0	0	Hail(1.00)
--------	----	---------	--	--	---	---	---	---	------------

Mitchell County

12 E Hunter	19	0002CST			0	0	0	0	Hail(0.75)
-------------	----	---------	--	--	---	---	---	---	------------

KSZ007-017>019

Jewell - Rooks - Osborne - Mitchell

27		1100CST 1400CST			0	0	60K	0	High Wind
----	--	--------------------	--	--	---	---	-----	---	-----------

A strong, dry westerly wind near 40 mph gusted to 60 mph during the early afternoon hours across north-central Kansas. Power poles were snapped in parts of Rooks county causing sporadic power loss. Minor roof damage was noted near Cawker City.

KANSAS, Northeast

Doniphan County

Iowa Pt	18	1930CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Johnson County

1 SW De Soto	19	0405CST			0	0			Hail(1.75)
--------------	----	---------	--	--	---	---	--	--	------------

Leavenworth County

Tonganoxie	19	0408CST			0	0			Hail(1.00)
------------	----	---------	--	--	---	---	--	--	------------

Also reported wind damage.

Wyandotte County

Bonner Spgs	19	0415CST			0	0			Hail(0.88)
-------------	----	---------	--	--	---	---	--	--	------------

Leavenworth County

Basehor	19	0418CST			0	0			Hail(1.50)
---------	----	---------	--	--	---	---	--	--	------------

Johnson County

Lenexa	19	0425CST			0	0			Hail(1.00)
--------	----	---------	--	--	---	---	--	--	------------

Johnson County

Olathe	19	0432CST			0	0			Hail(0.75)
--------	----	---------	--	--	---	---	--	--	------------

Johnson County

Overland Park	19	0435CST			0	0			Hail(1.00)
---------------	----	---------	--	--	---	---	--	--	------------

Wyandotte County

Kansas City	19	0440CST			0	0			Hail(0.75)
-------------	----	---------	--	--	---	---	--	--	------------

Johnson County

Fairway	21	0232CST			0	0			Hail(0.88)
---------	----	---------	--	--	---	---	--	--	------------

Linn County

4 W La Cygne	21	0259CST			0	0			Hail(0.75)
--------------	----	---------	--	--	---	---	--	--	------------

Doniphan County

3 E Troy	27	1506CST			0	0	15K		Thunderstorm Wind (G61)
----------	----	---------	--	--	---	---	-----	--	-------------------------

Roof blown off a metal machine shed. Two other metal sheds were destroyed and a barn and residence had roof damage.

Atchison County

2 WSW Effingham to 1.8 WSW Effingham	27	1510CST 1513CST	0.5	25	0	0	25K		Tornado (F0)
---	----	--------------------	-----	----	---	---	-----	--	--------------

An F0 tornado briefly touched down 2 miles west southwest of Effingham Kansas, moving to the northeast around 1/4 of a mile. One house had windows blown out and on the same property a large grain truck was blown over with its windows knocked out.. It also destroyed two sheds and blew hay bales, lumber and debris all over the property

KANSAS, Northwest

Decatur County

Jennings	10	1555MST 1655MST			0	0			Thunderstorm Wind (G53) ^M
----------	----	--------------------	--	--	---	---	--	--	--------------------------------------

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Norton County									
Clayton	10	1610MST			0	0			Thunderstorm Wind (G52)
Norton County									
5 S Norton	10	1630MST			0	0			Thunderstorm Wind (G54)
Norton County									
Norton	10	1642MST			0	0			Thunderstorm Wind (G52) ^M
Norton County									
Norton	10	1646MST 1746MST			0	0			Thunderstorm Wind (G52)
Norton County									
7 E Norton	10	1652MST			0	0			Thunderstorm Wind (G54)
Strong winds blew down tree limbs and power lines across the county. Also, a light pole fell onto a truck.									
Sherman County									
9 NE Goodland	16	1435MST			0	0			Thunderstorm Wind (G52)
Sherman County									
9 NNE Goodland	16	1435MST M26VE			1	0	50K		Thunderstorm Wind (G52)
KSZ014-014>015-015- 027>029-029			Thomas - Sheridan - Wallace - Logan - Gove						
	16	1455MST 1600MST			0	0			High Wind (G52)
Wind gusts between 60 and 65 mph were common from Sherman County to Gove County. Due to dry conditions and recently plowed fields, the strong winds produced areas of blowing dust, which limited visibilities to near zero. One fatality occurred when a car hit a semi-trailer truck from the rear on Interstate 70 about 13 miles east of Goodland.									
Graham County									
Hill City Arpt	27	0927MST			0	0			Thunderstorm Wind (G51) ^M
Sherman County									
13 SW Goodland	27	1500MST			0	0			Hail(0.75)
Sherman County									
11 SW Goodland	27	1508MST			0	0			Hail(0.75)
Wallace County									
17 NNE Wallace	27	1521MST			0	0			Hail(1.00)
Logan County									
6 NW Mc Allaster	27	1522MST 1622MST			0	0			Hail(1.00)
Logan County									
3 N Russell Spgs	27	1545MST			0	0			Hail(1.00)
<u>KANSAS, Southeast</u>									
Harvey County									
2 E Hesston	11	1548CST			0	0			Hail(0.75)
Reno County									
4 NE Pretty Prairie	11	1614CST			0	0			Hail(1.00)
Reno County									
1 N Pretty Prairie	11	1615CST			0	0			Hail(0.75)
Reno County									
1 SE Pretty Prairie to 4 SE Pretty Prairie	11	1619CST 1635CST	2	220	0	0			Tornado (F0)
Occurred in open country.									

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KANSAS, Southeast</u>									
Kingman County 3 N Waterloo to 4 NW Waterloo	11	1635CST	1	110	0	0			Tornado (F0)
	Occurred in open country.								
Marion County Ramona	11	1638CST			0	0			Hail(0.75)
Marion County 3 S Hillsboro	11	1655CST			0	0			Hail(0.88)
Harvey County Newton	11	1700CST			0	0			Hail(1.00)
Harvey County 3 NW Newton	11	1700CST	0.5	110	0	0			Tornado (F0)
	Occurred in open country.								
Kingman County 1 E Mt Vernon	11	1710CST			0	0			Hail(1.75)
Harvey County 5 SW Newton	11	1720CST			0	0			Hail(0.75)
Sedgwick County 1 N Cheney	11	1730CST			0	0			Hail(1.75)
Harvey County 5 S Newton	11	1735CST			0	0			Hail(1.25)
Sedgwick County 3 W Garden Plain	11	1735CST			0	0			Hail(1.00)
Harvey County 2 S Newton	11	1741CST			0	0			Hail(1.75)
Harvey County 3 SE Newton	11	1745CST			0	0			Hail(1.75)
Kingman County 1 W Norwich	11	1815CST			0	0			Hail(0.75)
Kingman County Norwich	11	1815CST			0	0			Hail(1.00)
Kingman County Norwich	11	1816CST			0	0			Hail(1.00)
Harvey County 6 SE Newton	11	1820CST			0	0			Hail(1.00)
Sumner County 2 NE Milton to 2 W Milton	11	1820CST			0	0			Hail(0.75)
Harvey County 1 SW Annelly	11	1825CST			0	0			Hail(0.75)
Harvey County 7 S Newton	11	1830CST			0	0			Hail(0.75)
Kingman County 4 SW Norwich	11	1830CST			0	0			Hail(1.25)
Kingman County 2 S Norwich to 2 W Norwich	11	1835CST			0	0			Thunderstorm Wind (G61)
Kingman County Norwich	11	1855CST			0	0			Thunderstorm Wind (G61)
	Limbs downed.								

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Sumner County									
Argonia	11	1900CST			0	0			Hail(0.75)
Harper County									
6 E Danville	11	1906CST			0	0			Hail(0.75)
Butler County									
1 N Andover	11	1935CST			0	0			Hail(0.75)
Harper County									
1 E Anthony	11	1935CST			0	0			Hail(0.75)
Harper County									
Anthony	11	1940CST			0	0			Hail(1.00)
Harper County									
Anthony	11	1940CST			0	0			Hail(1.75)
Harper County									
6 S Anthony	11	1945CST			0	0			Hail(1.00)
Sumner County									
9 S Argonia	11	1947CST			0	0			Thunderstorm Wind (G52)
Sedgwick County									
Wichita	11	1955CST			0	0			Hail(1.00)
			Occurred on east side at Highway 54/Greenwich Rd. intersection.						
Sedgwick County									
Wichita	11	1958CST			0	0			Thunderstorm Wind (G52)
			Occurred on east side at Highway 54/Greenwich Rd. intersection.						
Sedgwick County									
Wichita	11	2002CST			0	0			Hail(1.00)
			Occurred on east side at Highway 54/Greenwich Rd. intersection.						
Butler County									
Andover	11	2005CST			0	0			Hail(1.00)
Butler County									
2 E Andover	11	2005CST			0	0			Thunderstorm Wind (G52)
Butler County									
2 E Andover	11	2007CST			0	0			Hail(1.00)
Butler County									
2 SE Andover	11	2008CST			0	0			Hail(0.75)
Butler County									
1 N Andover	11	2010CST			0	0			Hail(1.00)
Butler County									
1 E Andover	11	2013CST			0	0			Hail(1.75)
Butler County									
1 E Andover	11	2013CST			0	0			Thunderstorm Wind (G52)
Sedgwick County									
Wichita	11	2022CST			0	0			Hail(0.75)
			Occurred on west side at Central/Ridge Rd. intersection.						
Butler County									
3 E Andover	11	2025CST			0	0			Hail(1.75)
			KSN Channel 3 Spotter.						
Sedgwick County									
Wichita	11	2045CST			0	0			Hail(0.75)
			Occurred at 31st St. S/Seneca intersection.						

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KANSAS, Southeast</u>									
Butler County Augusta	11	2046CST			0	0			Hail(0.88)
Butler County 2 N Rose Hill	11	2058CST			0	0			Hail(1.00)
Butler County Douglass	11	2112CST			0	0			Hail(0.88)
Butler County Douglass	11	2125CST			0	0			Hail(1.00)
Ellsworth County 9 NE Carneiro	16	1955CST			0	0			Hail(0.88)
Rice County 4 W Lyons	16	1957CST			0	0			Hail(0.88)
Rice County Chase	16	2000CST			0	0			Hail(0.75)
Saline County Glendale	16	2004CST			0	0			Hail(1.00)
Saline County Salina	16	2025CST			0	0			Hail(0.75)
Reno County 5 W Arlington	16	2040CST			0	0			Hail(1.25)
Mcperson County 2 E Windom	16	2045CST			0	0			Hail(0.75)
Reno County Sylvia	16	2045CST			0	0			Hail(1.25)
Reno County Sylvia	16	2046CST			0	0			Hail(1.50)
Reno County Plevna	16	2047CST			0	0			Hail(1.75)
Reno County 5 E Sylvia	16	2047CST			0	0			Hail(1.75)
Reno County Arlington	16	2108CST			0	0			Hail(1.75)
Reno County Partridge	16	2115CST			0	0			Hail(1.00)
Reno County 1 NW Castleton	16	2135CST			0	0			Hail(1.50)
Rice County 1 W Saxman	17	1915CST			0	0			Hail(0.75)
Barton County Great Bend	17	1927CST			0	0			Hail(0.75)
Kingman County Zenda	17	1928CST			0	0			Hail(1.00)
Mcperson County 6 W Mc Pherson	17	1928CST			0	0			Hail(0.75)
Kingman County 1 SW Willowdale	17	1930CST			0	0			Hail(1.75)
Kingman County Zenda	17	1930CST			0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Mcperson County									
2 W Mc Pherson	17	1931CST			0	0			Hail(0.88)
Mcperson County									
1 N Mc Pherson	17	1937CST			0	0			Hail(0.75)
Reno County									
Turon	17	1938CST			0	0			Hail(1.75)
Kingman County									
5 SW Kingman	17	1945CST			0	0			Hail(0.75)
Barton County									
2 NE Hoisington	17	1948CST			0	0			Hail(0.75)
Reno County									
8 W Pretty Prairie	17	1957CST			0	0			Hail(1.00)
Rice County									
Alden	17	2017CST			0	0			Hail(0.75)
Rice County									
2 W Alden	17	2022CST			0	0			Hail(0.75)
Reno County									
2 SE Partridge	17	2028CST			0	0			Hail(1.25)
Rice County									
Sterling	17	2030CST			0	0			Hail(1.00)
Reno County									
1 N Partridge	17	2035CST			0	0			Hail(1.75)
Rice County									
1 S Sterling	17	2040CST			0	0			Hail(0.88)
Reno County									
Hutchinson	17	2045CST			0	0			Hail(1.00)
Reno County									
Hutchinson	17	2046CST			0	0			Hail(1.00)
Mcperson County									
Windom	17	2110CST			0	0			Hail(0.75)
Mcperson County									
1 W Mc Pherson	17	2115CST			0	0			Hail(1.00)
Mcperson County									
5 S Marquette	17	2125CST			0	0			Hail(0.75)
Ellsworth County									
4 NW Holyrood	17	2132CST			0	0			Hail(1.00)
Mcperson County									
4 S Lindsborg	17	2140CST			0	0			Hail(1.75)
Mcperson County									
3 SW Lindsborg	17	2140CST			0	0			Hail(1.00)
Mcperson County									
8 SE Lindsborg	17	2150CST			0	0			Hail(0.75)
Ellsworth County									
Ellsworth	17	2155CST			0	0			Hail(0.75)
Marion County									
12 NW Durham	17	2210CST			0	0			Hail(0.75)
Saline County									
1 S Salina	17	2213CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Ellsworth County 10 N Ellsworth	17	2220CST			0	0			Hail(1.00)
Lincoln County Westfall	17	2220CST			0	0			Hail(1.00)
Lincoln County 8 SE Lincoln	17	2225CST			0	0			Hail(1.00)
Ellsworth County 10 NE Ellsworth	17	2228CST KSNW Channel 3.			0	0			Hail(0.88)
Saline County Glendale	17	2240CST			0	0			Hail(0.75)
KSZ083-092	18	Sedgwick - Sumner 0035CST 0054CST Occurred in Clearwater.			0	0			High Wind (G69) ^M
Butler County Andover	18	0156CST			0	0			Thunderstorm Wind (G52)
Sedgwick County Wichita	18	0151CST			0	0			Thunderstorm Wind (G62) ^M
Mcperson County 2 S Marquette	18	1605CST			0	0			Hail(0.88)
Mcperson County 2 NW Mc Pherson	18	1610CST			0	0			Hail(0.88)
Mcperson County 7 NW Mc Pherson	18	1657CST			0	0			Hail(1.50)
Mcperson County Lindsborg	18	1704CST			0	0			Hail(0.75)
Mcperson County 8 N Mc Pherson	18	1710CST			0	0			Hail(1.75)
Mcperson County 4 N Mc Pherson	18	1710CST			0	0			Hail(2.00)
Mcperson County 4 NE Mc Pherson	18	1730CST Brief touchdown in open country.	0.5	55	0	0			Tornado (F0)
Mcperson County Mc Pherson	18	1755CST			0	0			Hail(1.25)
Rice County 3 E Saxman	18	1830CST			0	0			Hail(0.75)
Rice County 2 NW Saxman	18	1833CST			0	0			Hail(0.88)
Rice County 2 SE Little River	18	1840CST			0	0			Hail(1.00)
Marion County 1 S Durham	18	1850CST			0	0			Hail(0.75)
Mcperson County Mc Pherson	18	1856CST			0	0			Hail(0.75)
Marion County Lehigh	18	1920CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KANSAS, Southeast</u>									
Marion County Marion	18	1923CST			0	0			Hail(0.88)
Mcpheerson County Mc Pherson	18	1926CST			0	0			Hail(0.75)
Marion County Hillsboro	18	1930CST			0	0			Thunderstorm Wind (G61)
Mcpheerson County 4 SW Conway	18	1930CST			0	0			Hail(1.25)
Marion County Marion Res	18	1953CST			0	0			Hail(0.75)
Chase County 9 W Elmdale	18	2020CST			0	0			Hail(0.75)
Chase County 2 NW Elmdale	18	2030CST			0	0			Hail(0.75)
Mcpheerson County Mc Pherson	18	2110CST			0	0			Hail(0.75)
Marion County Durham	18	2118CST			0	0			Hail(0.75)
Marion County 4 W Tampa	18	2118CST			0	0			Hail(0.88)
Marion County Hillsboro	18	2123CST			0	0			Hail(0.88)
Marion County 1 E Durham	18	2130CST			0	0			Hail(0.75)
Marion County Durham	18	2130CST			0	0			Hail(0.75)
Marion County Tampa	18	2146CST			0	0			Hail(1.00)
Marion County 4 W Lincolnville	18	2155CST			0	0			Hail(1.75)
Chase County 4 S Hymer	18	2241CST			0	0			Hail(0.75)
Saline County 4 SE New Cambria	18	2242CST			0	0			Hail(0.75)
Russell County 7 N Bunker Hill	18	2243CST			0	0			Hail(1.00)
Russell County 8 S Luray	18	2256CST			0	0			Hail(1.75)
Lincoln County Lincoln	18	2310CST			0	0			Hail(0.75)
Lincoln County Wolf Creek	18	2320CST			0	0			Hail(1.00)
Lincoln County Barnard	19	0030CST			0	0			Hail(0.75)
Wilson County Altoona	19	1426CST			0	0			Hail(0.75)
Chautauqua County 2 S Peru	19	1430CST			0	0	5K		Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

April 2002

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>									
			Barn roof damaged.						
Neosho County 3 W Chanute	19	1435CST			0	0			Hail(1.00)
Kingman County Zenda	20 21	2302CST 2302CST			0	0			Hail(0.88)
Kingman County 7 SW Kingman	20	2315CST			0	0			Hail(0.75)
Harper County Harper	23	0105CST			0	0			Hail(0.75)
Sumner County .5 S Argonia	23	0133CST			0	0			Hail(0.75)
Sumner County Argonia	23	0133CST			0	0			Thunderstorm Wind (G52)
			Tree damage.						
Barton County 3 SW Hoisington	27	0450CST			0	0			Hail(0.75)
Barton County 3 SW Hoisington	27	0450CST			0	0			Hail(0.75)
<u>KANSAS, Southwest</u>									
KSZ044-063-063-078- 078>079			Lane - Finney - Ford - Edwards						
	02	0207CST 0415CST			0	0			High Wind (G61) ^M
			Reported in Dighton at a weatherlab network school site.						
Gray County 4 SSW Cimarron	11	2100CST			0	0	50K		Thunderstorm Wind
			An irrigation pivot sprinkler was damaged.						
KSZ078			Ford						
	16	1434CST			0	0			High Wind (G57) ^M
			The high wind was recorded by a Davis Instrument sensor at the Dodge City airport.						
Clark County 2 S Minneola	17	1502CST			0	0			Thunderstorm Wind (G62) ^M
Ford County Dodge City Arpt	17	1609CST			0	0			Thunderstorm Wind (G55) ^M
			Recorded by a Davis Instrument wind sensor.						
Clark County Sitka	17	1612CST			0	0			Thunderstorm Wind (G52)
Comanche County 8 N Protection	17	1625CST			0	0			Thunderstorm Wind (G52)
Comanche County 7 N Coldwater	17	1645CST			0	0			Hail(1.75)
Kiowa County Mullinville	17	1650CST			0	0			Thunderstorm Wind (G52)
Kiowa County 5 W Greensburg	17	1655CST			0	0			Hail(0.88)
Kiowa County 5 E Mullinville	17	1656CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Edwards County 4 S Fellsburg	17	1705CST			0	0			Hail(0.75)
Edwards County 4 S Fellsburg	17	1705CST			0	0			Thunderstorm Wind (G52)
Pratt County Pratt	17	1720CST			0	0			Hail(0.88)
Kiowa County 4 NNE Belvidere	17	1722CST			0	0			Hail(0.88)
Stafford County 1 SE Macksville	17	1725CST			0	0			Hail(0.75)
Kiowa County 4 SSE Haviland	17	1730CST			0	0			Hail(1.75)
			The hail broke out windows and produced significant roof damage.						
Pratt County 5 S Cullison	17	1730CST			0	0			Hail(0.88)
Pratt County 8 NW Pratt	17	1747CST			0	0			Hail(1.00)
Pratt County 5 N Iuka	17	1800CST			0	0			Hail(0.75)
Stafford County 12 S St John	17	1803CST			0	0			Hail(0.75)
Kiowa County 3 NNW Greensburg	17	1812CST			0	0			Hail(0.75)
Stafford County Stafford	17	1820CST			0	0			Hail(0.88)
Barber County 3 W Hardtner	17	1825CST			0	0			Hail(0.75)
Edwards County 1 N Fellsburg	17	1835CST			0	0			Hail(1.75)
Barber County 12 S Medicine Lodge	17	1840CST			0	0			Hail(0.88)
Edwards County Fellsburg	17	1840CST			0	0			Hail(1.25)
Pratt County 1 N Coats	17	1850CST			0	0			Hail(0.75)
Pratt County 5 SW Pratt	17	1855CST			0	0			Hail(0.88)
Edwards County 20 ESE Kinsley	17	1900CST			0	0			Hail(0.88)
Pawnee County 13 SSE Larned	17	1905CST			0	0			Hail(1.00)
Stafford County Macksville	17	1907CST			0	0			Hail(0.75)
Barber County 10 N Kiowa	17	1910CST			0	0			Thunderstorm Wind (G61)
Pratt County 12 NE Pratt	17	1915CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>									
Pratt County									
10 E Pratt	17	1918CST			0	0			Hail(0.75)
Stafford County									
5 NE St John	17	1938CST			0	0			Hail(1.75)
Stafford County									
1 S Hudson	17	1943CST			0	0			Hail(1.00)
Pawnee County									
7 ESE Larned	17	2015CST			0	0			Hail(1.00)
Stafford County									
8 NW St John	18	1905CST			0	0			Hail(0.75)
Pawnee County									
8 E Zook	18	1930CST			0	0			Hail(0.75)
Stafford County									
Seward	18	1930CST			0	0			Thunderstorm Wind (G52)
Stafford County									
1 SW Seward	18	1952CST			0	0			Hail(0.88)
Ford County									
Dodge City	20	0945CST			0	0			Hail(0.88)
		The hail stones were mushy.							
KSZ078									
		Ford							
	24	1245CST			0	0			High Wind (G56) ^M
		The wind gust was reported on a Davis Instrument sensor at the Dodge City airport.							
Ness County									
1 N Ransom	27	0330CST			0	0			Hail(0.88)
<u>KENTUCKY, Central</u>									
Grayson County									
2 S Millerstown	14	1422EST 1426EST			0	0			Hail(1.75)
Grayson County									
Iberia	14	1806EST			0	0			Hail(1.75)
Hardin County									
8 SW Vine Grove	14	1925EST			0	0			Thunderstorm Wind (G60)
		Power lines were blown down.							
Henry County									
Jericho	17	1525EST			0	0			Hail(0.75)
Breckinridge County									
Locust Hill	17	1555EST			0	0			Hail(0.88)
Mercer County									
Mc Afee	19	1625EST			0	0			Hail(1.50)
Mercer County									
Harrodsburg	19	1635EST			0	0			Hail(1.00)
Logan County									
8 NW Jerico	20	1828EST			0	0			Hail(1.00)
Jefferson County									
Okolona	21	1825EST			0	0			Thunderstorm Wind (G60)
Bullitt County									
Brooks	21	1830EST			0	0			Thunderstorm Wind (G60)

Storm Data and Unusual Weather Phenomena

April 2002

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, Central</u>									
Shelby County									
Simpsonville	21	1850EST			0	0			Thunderstorm Wind (G60)
Breckinridge County									
Union Star	21	1855EST			0	0			Thunderstorm Wind (G60)
Jefferson County									
Countywide	21	1900EST 2000EST			0	0			Flash Flood
Roads and low lying areas were covered with water.									
Anderson County									
Mc Brayer	21	1925EST			0	0			Thunderstorm Wind (G70) ^M
Woodford County									
Versailles	21	1935EST			0	0			Thunderstorm Wind (G80)
Power poles were downed.									
Mercer County									
Countywide	21	1945EST			0	0	10K		Thunderstorm Wind (G70)
Trees were blown down at Shakertown and Salvisa. The roof was blown off a barn near Salvisa.									
Fayette County									
Countywide	21	1950EST			0	0			Thunderstorm Wind (G60)
Jessamine County									
6 N Nicholasville	21	1950EST			0	0			Thunderstorm Wind (G60)
Clark County									
Ford	21	2015EST			0	0			Thunderstorm Wind (G60)
Trees and power lines were downed by thunderstorm winds over much of central Kentucky.									
Ohio County									
Countywide	24	1815EST			0	0			Thunderstorm Wind (G60)
Meade County									
Andyville	24	1832EST			0	0			Hail(0.75)
Grayson County									
Leitchfield	24	1855EST			0	0			Hail(0.88)
Edmonson County									
Roundhill	24	1925EST			0	0			Hail(0.75)
Hart County									
Rowletts	24	1925EST			0	0			Hail(0.75)
Ohio County									
Dundee	24	1925EST			0	0			Thunderstorm Wind (G60)
Ohio County									
Magan	24	1925EST			0	0			Thunderstorm Wind (G60)
Grayson County									
Countywide	24	1955EST			0	0			Thunderstorm Wind (G60)
Hart County									
2 S Munfordville	24	2045EST			0	0			Thunderstorm Wind (G60)
Barren County									
.8 S Hiseville	24	2115EST			0	0			Hail(0.75)
Barren County									
.8 S Hiseville	24	2115EST			0	0			Thunderstorm Wind (G60)
Metcalfe County									
Savoyard	24	2123EST			0	0			Hail(0.75)
Metcalfe County									
Summer Shade	24	2123EST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KENTUCKY, Central</u>									
Metcalf County									
3 NW Edmonton	24	2130EST			0	0			Thunderstorm Wind (G60)
Thunderstorm winds downed trees and power lines over much of central Kentucky. The thunderstorms also produced large hail over the same area.									
Breckinridge County									
2.5 ENE Cloverport to 2.5 ESE Irvington	28	0308EST 0328EST	19	150	1	7	750K		Tornado (F2)
The tornado crossed into central Breckinridge County from Perry County, IN. The tornado lifted periodically as it crossed eastern Breckinridge County, and reached the Irvington area around 0325 EST. A 52 year old male was killed in a mobile home in Irvington. Seven people were injured. A few homes were destroyed and numerous homes were damaged. Two homes had their roofs torn off. Numerous trees were uprooted, and many outbuildings were destroyed. The tornado was estimated at F2 intensity, with spots of F3 damage. M52MH									
Hancock County									
Hawesville	28	0313EST			0	0			Thunderstorm Wind (G60)
Power lines were downed.									
Meade County									
1.7 SE Guston to 2.5 S Garrett	28	0328EST 0340EST	11.4	150	0	0			Tornado (F0)
The tornado crossed into Meade County from Breckinridge County. Numerous trees were uprooted.									
Jefferson County									
Countywide	28	0335EST			0	0			Thunderstorm Wind (G60)
Trees and power lines were downed.									
Meade County									
Brandenburg	28	0340EST			0	0			Thunderstorm Wind (G80)
Numerous trees were downed, and there was unspecified structural damage along Highway 60. Telephone poles were also downed									
Ohio County									
5 W Centertown to Hartford	28	0340EST 0350EST	9.5	100	0	0	500K		Tornado (F1)
On Shrull Lane west of Centertown, a mobile home and several outbuildings were destroyed. There was intermittent damage across extreme western Ohio County. There was structural damage to 16 homes in Hartford. Roofs were off some homes. Mobile homes were picked up and twisted.									
Hardin County									
2 W Radcliff to Radcliff	28	0355EST 0357EST	2	60	0	0	150K		Tornado (F1)
Two homes had their roofs torn off. There was minor structural damage to 24 other homes. Numerous trees were uprooted. Tornado intensity was estimated at F1 with spots of F2 damage.									
Butler County									
1 N Morgantown	28	0420EST 0430EST			0	0			Thunderstorm Wind (G60)
Trees were downed.									
Grayson County									
Anneta	28	0420EST			0	0	30K		Thunderstorm Wind (G80)
A roof was blown off a house.									
Nelson County									
New Hope	28	0430EST			0	0			Thunderstorm Wind (G75)
Telephone poles were downed.									
Edmonson County									
Bee Spg	28	0435EST			0	0	35K		Thunderstorm Wind (G90)
Windows were blown out of a car. A mobile home and a large storage building were destroyed. A tree was blown on to a car.									
Edmonson County									
2 E Broadway to 5 E Broadway	28	0435EST 0438EST	3	100	0	0	100K		Tornado (F1)
Roofs were blown off several homes. 2-by-4's from buildings were stuck into the ground. Numerous trees were downed, some were snapped well above the ground.									

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KENTUCKY, Central</u>									
Hart County Countywide	28	0450EST			0	0	5K		Thunderstorm Wind (G60) Trees were downed, and there was isolated structural damage.
Hart County Munfordville	28	0450EST			0	0			Hail(1.75)
Anderson County Countywide	28	0500EST			0	0			Thunderstorm Wind (G60) Trees were downed.
Hart County Munfordville	28	0500EST			0	0			Tstm Wind/Hail Several large trees were downed. There was also dime size hail.
Fayette County Lexington	28	0510EST			0	0			Thunderstorm Wind (G60) Several trees were downed.
Green County Summersville	28	0510EST			0	0	1.2M		Thunderstorm Wind (G100) Eight houses were destroyed. Two houses had major damage. Eight other homes had minor damage. Thirteen barns were damaged or destroyed. Six businesses had damage. An unoccupied mobile home was flipped over a house and into a tree. Numerous trees and power lines were down.
Bourbon County 3 E Centerville	28	0515EST			0	0	30K		Thunderstorm Wind (G75) A barn was blown down at the intersection of highways 460 and 1939. Elsewhere, trees were blown down countywide
Taylor County Campbellsville	28	0515EST			0	0	50K		Thunderstorm Wind (G80) The roof was blown off one house and there was severe damage to another.
Madison County Richmond	28	0525EST			0	0			Thunderstorm Wind (G60) Trees were blown down.
Madison County Richmond	28	0530EST			0	1	25K		Thunderstorm Wind (G70) Many trees were downed. A tree fell on a mobile home, injuring an occupant. Another tree fell on a vehicle. A utility pole was blown down. An ATM machine was damaged by wind.
Boyle County Perryville	28	0535EST			0	0			Thunderstorm Wind (G60) A few trees were blown down.
Casey County Countywide	28	0545EST			0	0	100K		Thunderstorm Wind (G80) Ten barns were damaged or destroyed around the county. There was structural damage to a house near Bethel Ridge. A house and barn were damaged near Yosemite.
Taylor County Campbellsville	28	0545EST			0	0	50K		Thunderstorm Wind (G70) There were numerous reports of structural damage to homes. Many trees were downed.
Adair County Countywide	28	0550EST			0	0			Thunderstorm Wind (G60) Trees were blown down.
Green County Greensburg	28	0550EST			0	0	10K		Thunderstorm Wind (G70) Numerous trees and power lines were downed, along with some unspecified structural damage.
Madison County Countywide	28	0550EST			0	0			Thunderstorm Wind (G60) Trees were downed over much of the southern part of the county. A large construction sign was blown over on Interstate 75 near mile marker 78.

Storm Data and Unusual Weather Phenomena

April 2002

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

KENTUCKY, Central

Lincoln County

Waynesburg	28	0600EST 0615EST			0	0	200K		Thunderstorm Wind (G90)
Roofs were blown off houses. Barns were destroyed. Vehicles were damaged by flying debris. A 45 inch diameter tree was pulled out of the ground.									

Marion County

Loretto	28	1155EST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Marion County

4 W Lebanon	28	1205EST			0	0			Hail(0.88)
-------------	----	---------	--	--	---	---	--	--	------------

Henry County

Pleasureville	28	0530EST			0	0			Thunderstorm Wind (G60)
Trees were uprooted and power lines were downed.									

KYZ042

Bourbon

28	1500EST			0	0			Flood
29	0250EST							

Stoner Creek at Paris, KY crested at 18.7 feet at 1700 EST on April 28. Flood stage at Paris is 18 feet. Minor flooding occurs at this level.

KENTUCKY, Eastern

Pulaski County

4 SE Somerset	17	1730EST			0	0	0	0	Hail(0.75)
---------------	----	---------	--	--	---	---	---	---	------------

Jackson County

5 S Mc Kee	17	1915EST			0	0	0	0	Hail(1.00)
------------	----	---------	--	--	---	---	---	---	------------

Pulaski County

Somerset	24	2135EST 2138EST			0	0	0	0	Hail(0.75)
----------	----	--------------------	--	--	---	---	---	---	------------

KYZ087

Bell

28	0300EST			0	0	0.20K	0	High Wind
----	---------	--	--	---	---	-------	---	-----------

High gradient winds toppled a soda machine in Fonde at an elevation of about 2,000 feet.

Bath County

Sharpsburg	28	0530EST			0	0	0	0	Thunderstorm Wind
Trees were down.									

Rowan County

2.5 ESE Rodburn	28	0600EST			0	0	0	0	Thunderstorm Wind
Trees were down.									

Jackson County

Parrot	28	0601EST			0	0	0	0	Thunderstorm Wind
One tree was down.									

Laurel County

4 SE London	28	0645EST			0	0	0	0	Thunderstorm Wind
A tree was down across Kentucky Highway 89 North.									

Jackson County

10 S Mc Kee	28	0654EST			0	0	0	0	Thunderstorm Wind
One tree was down.									

Clay County

1 S Oneida	28	0730EST			0	0	0	0	Thunderstorm Wind
A tree was down.									

Perry County

Jeff	28	0745EST			0	0	0	0	Tstm Wind/Hail
Tree limbs and power lines were down and 1.00 inch hail was reported.									

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KENTUCKY, Eastern</u>									
Powell County Slade	28	1135EST			0	0	0	0	Hail(1.75)
Wolfe County 2 NE Hazel Green	28	1145EST			0	0	0	0	Hail(2.75)
Menifee County Wellington	28	1145EST			0	0	2K	0	Thunderstorm Wind A car was damaged by large, falling tree limbs. Trees and power lines were also down in the area.
Morgan County Murphy Fork	28	1157EST			0	0	0	0	Hail(1.75)
Morgan County West Liberty	28	1204EST			0	0	0	0	Tstm Wind/Hail One inch diameter hail was reported along with large tree limbs blown down.
Morgan County Cannel City	28	1205EST			0	0	0	0	Hail(0.75)
Martin County 7 N Inez	28	1219EST			0	0	0	0	Hail(0.88)
Morgan County Cannel City	28	1225EST			0	0	0	0	Thunderstorm Wind Trees were down.
Powell County Stanton	28	1226EST			0	0	0	0	Hail(0.75)
Powell County Countywide	28	1226EST			0	0	0	0	Thunderstorm Wind
Laurel County 6 SW Hightop	28	1228EST			0	0	0	0	Hail(1.00)
Pulaski County Somerset	28	1228EST			0	0	0	0	Hail(1.75) Golf ball size hail was reported in and around Somerset along Slate Branch and at the Somerset Mall.
Magoffin County 3 NE Salyersville	28	1230EST			0	0	0	0	Hail(0.75)
Johnson County Paintsville	28	1230EST			0	0	0	0	Hail(0.88)
Wayne County 7 N Monticello	28	1234EST			0	1	0.50K	0	Hail(2.75) Windows were busted from large hail.
Johnson County Van Lear Jet	28	1242EST			0	0	0	0	Hail(1.25)
Johnson County Paintsville	28	1245EST 1255EST			0	0	0	0	Hail(1.00)
Martin County Threeforks	28	1245EST			0	0	5K	0	Hail(1.75) Cars were damaged from large hail.
Laurel County 3 SE Lily	28	1250EST			0	0	0	0	Hail(1.00)
Rockcastle County Pine Hill	28	1250EST			0	0	0	0	Hail(0.75)
Pulaski County Bronston	28	1252EST			0	0	40K	0	Tstm Wind/Hail Baseball size hail (2.75 inch diameter) damaged vehicles and homes. Trees were also down due to severe thunderstorm winds.

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Morgan County Grassy Creek	28	1255EST			0	0	0	0	Hail(2.00)
Magoffin County 3 NE Salyersville	28	1255EST			0	0	0	0	Hail(0.75)
Laurel County 5 E Lily	28	1300EST			0	0	0	0	Hail(1.75)
Pulaski County 5 S Somerset	28	1300EST			0	0	0	0	Hail(0.88)
Laurel County 1 NW Tuttle	28	1303EST			0	0	0	0	Hail(1.75)
Wolfe County Lee City	28	1310EST			0	0	0	0	Thunderstorm Wind
									Trees were down along Kentucky Highway 205.
Whitley County 2 S Corbin	28	1315EST			0	0	0	0	Hail(0.88)
Johnson County Paintsville	28	1315EST 1325EST			0	0	0	0	Hail(0.75)
Martin County Mc Clure	28	1315EST			0	0	0	0	Hail(1.00)
Johnson County 4 NW Paintsville	28	1315EST			0	0	0	0	Hail(1.25)
Johnson County 2 W Paintsville	28	1315EST			0	0	0	0	Hail(0.88)
Breathitt County 1 NNE Elkatawa	28	1318EST			0	0	0	0	Hail(0.75)
Knox County Barbourville	28	1320EST			0	0	0	0	Hail(1.75)
Johnson County 1 E Paintsville	28	1320EST			0	0	0	0	Thunderstorm Wind
									Three trees were down at the Paintsville Country Club. Also, a golf cart with two men on board was lifted off of the ground.
Breathitt County (Jkl)Carroll Arpt Ja	28	1320EST			0	0	0	0	Hail(0.88)
Johnson County Van Lear Jct	28	1323EST			0	0	0	0	Hail(0.75)
Breathitt County Noctor	28	1330EST			0	1	0	0	Tstm Wind/Hail
									Thunderstorm winds blew trees down on a woman, injuring her leg, while driving a four wheel all terrain vehicle on Carpenters Branch.. Also one inch diameter hail occurred.
Owsley County Island City	28	1340EST			0	0	0	0	Thunderstorm Wind
									A cooperative observer reported that several large branches, which were four to five inches in diameter, were down.
Knott County Mousie	28	1340EST			0	0	0	0	Hail(0.75)
Bell County Middlesboro	28	1340EST			0	0	0	0	Thunderstorm Wind
									Trees and large branches were down.
Bell County Pineville	28	1340EST			0	0	0	0	Thunderstorm Wind
									Multiple trees and large branches were down.

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Clay County									
3 N Peabody	28	1345EST			0	0			Hail(1.00)
Harlan County									
3 NE Harlan	28	1345EST			0	0	0	0	Hail(0.75)
Floyd County									
2 N Beaver	28	1415EST			0	0	0	0	Thunderstorm Wind
			Large tree limbs were down.						
Pike County									
Dorton	28	1415EST 1417EST			0	0	0	0	Hail(1.75)
Martin County									
1 S Pilgrim	28	1425EST			0	0	0	0	Hail(1.75)
Laurel County									
East Bernstadt	28	1449EST			0	0	0	0	Hail(1.00)
			An estimated 50 knot wind occurred along with one inch diameter hail.						
Laurel County									
London	28	1452EST			0	0	0	0	Hail(0.75)
Mccreary County									
Revelo	28	1454EST			0	0	0	0	Hail(1.00)
Whitley County									
1 S Saxton	28	1505EST			0	0	0	0	Hail(1.00)
Whitley County									
Pleasant View	28	1518EST			0	0	0	0	Funnel Cloud
Pike County									
Phyllis	28	1530EST			0	0	0	0	Hail(0.75)
Pike County									
South Williamson	28	1530EST 1830EST			0	0	10K	0	Flash Flood
			Heavy thunderstorm rains inundated a section of Kentucky Highway 468 near Turkey Creek, and washed the road away with six to eight inches of water quickly flowing over the road.						
Perry County									
Airport Gardens	28	1945EST			0	0	0	0	Thunderstorm Wind
			Trees and power lines were down.						
Pulaski County									
Somerset	28	2140EST			0	0	0	0	Hail(0.75)
<u>KENTUCKY, Northeast</u>									
KYZ101>103-105			Greenup - Carter - Boyd - Lawrence						
	16	1200EST 1800EST			0	0			Record Warmth
			Afternoon temperatures reached into the upper 80s and lower 90s. Ashland had 91 degrees, while Grayson and Charley saw 90 degrees.						
KYZ101>102			Greenup - Carter						
	28	0400EST 0800EST			0	0	5K		Flood
			Rains of 1.5 to 2 inches of rain fell in less than 12 hours. Secondary back roads flooded, forcing some residents to move their vehicles to higher ground. The Little Sandy River at Grayson crested just below flood stage later in the afternoon.						

Storm Data and Unusual Weather Phenomena

April 2002

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

KENTUCKY, Northern

Owen County

New Liberty	17	1600EST			0	1			Lightning
-------------	----	---------	--	--	---	---	--	--	-----------

A person received minor injuries from a lightning strike. Time is estimated.

Boone County

Countywide	19	1738EST 1750EST			0	0	25K		Thunderstorm Wind (G50)
------------	----	--------------------	--	--	---	---	-----	--	-------------------------

Trees were knocked down across the county.

Campbell County

Countywide	19	1745EST 1800EST			0	0	25K		Thunderstorm Wind (G50)
------------	----	--------------------	--	--	---	---	-----	--	-------------------------

Thunderstorm winds dropped trees across the county.

KYZ091>093

Boone - Kenton - Campbell

	21	1315EST 1500EST			0	0			Flood
--	----	--------------------	--	--	---	---	--	--	-------

KYZ091>092

Boone - Kenton

	28	0425EST 0615EST			0	0			Flood
--	----	--------------------	--	--	---	---	--	--	-------

Thunderstorms producing heavy rain moved across the southern part of the Cincinnati metro area during the early morning hours. Several roads were closed due to high water.

Pendleton County

13 SW Falmouth	28	0530EST 0630EST			0	0			Flash Flood
----------------	----	--------------------	--	--	---	---	--	--	-------------

High water flooded a bridge on John Denny Rd. A family had to be rescued when they became trapped in their vehicle. The vehicle was swept away by the flood waters.

KENTUCKY, Southwest

KYZ004>005-007-010-014- Ballard - Mcracken - Livingston - Crittenden - Union - Henderson 018

	01 07	0000CST 1100CST			0	0			Flood
--	----------	--------------------	--	--	---	---	--	--	-------

The Ohio River fell back below flood stage around April 6, after cresting 5 to 7 feet above flood stage in late March. The April flooding was minor, consisting mostly of low-lying agricultural bottomland.

KYZ020>021

Mclean - Muhlenberg

	01 05	0000CST 0200CST			0	0			Flood
--	----------	--------------------	--	--	---	---	--	--	-------

The Green River remained above flood stage at Paradise and Calhoun into the first week of April. The crest, which occurred in late March, was 4 to 8 feet above flood stage.

Todd County

Kirkmansville	14	1620CST			0	0			Thunderstorm Wind (G50)
---------------	----	---------	--	--	---	---	--	--	-------------------------

Two trees were blown down on Highway 171 just south of the Muhlenberg County border. Hail covered the ground at Clifty, but the hail size was not reported.

Muhlenberg County

4 W Dunmor	14	1645CST			0	0			Thunderstorm Wind (G50)
------------	----	---------	--	--	---	---	--	--	-------------------------

A park ranger reported large trees were uprooted around Lake Malone State Park.

Muhlenberg County

4 W Dunmor	14	1645CST 1745CST			0	0	5K		Flash Flood
------------	----	--------------------	--	--	---	---	----	--	-------------

Very heavy thunderstorm rains washed out a road in the Lake Malone area and eroded the soil around a camper. Debris from floodwater was still evident, and water was standing on roads.

Carlisle County

Bardwell	20	1600CST			0	0			Hail(0.75)
----------	----	---------	--	--	---	---	--	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KENTUCKY, Southwest</u>									
Carlisle County									
Berkeley to Milburn	20	1600CST 1610CST			0	1	15K		Thunderstorm Wind (G52)
	Near Berkley, trees were blown down in a park near the Mississippi River. One of the trees landed on a moving car, crushing the vehicle and trapping the occupant. The person received a broken neck. Near Milburn, numerous trees and power lines were down. A house in Milburn was moderately damaged.								
Muhlenberg County									
Greenville	20	1720CST			0	0	20K		Thunderstorm Wind (G52)
	Numerous trees and power lines were blown down. Some of the trees landed on houses, vehicles, and carports. Streets were blocked.								
Muhlenberg County									
Greenville	20	1723CST 1830CST			0	0			Flash Flood
	Water was over North Cherry Road and several other roads. The flooding was caused by rainfall amounts estimated around 2 inches in an hour.								
Muhlenberg County									
2 W Dunmor	20	1727CST 1735CST			0	0			Hail(1.50)
Henderson County									
Countywide	21	1700CST			0	0			Thunderstorm Wind (G50)
	Several trees were down across the county.								
Henderson County									
Cairo	24	1630CST			0	0			Hail(0.88)
Henderson County									
4 N Zion	24	1638CST			0	0			Hail(1.00)
Daviess County									
Stanley	24	1646CST			0	0			Hail(0.75)
Mclean County									
Livermore	24	1702CST			0	0			Hail(0.75)
Henderson County									
10 SSW Henderson	24	1728CST			0	0			Funnel Cloud
	A supercell thunderstorm producing large hail over Henderson County also produced a funnel cloud. U.S. 41 South at Highway 416, near the Robards community, was the location of a confirmed sighting.								
Henderson County									
Henderson to 5 E Henderson	24	1730CST 1900CST			0	0	30K		Flash Flood
	Torrential downpours, producing close to 3 inches of rain, flooded numerous streets and forced authorities to block off some places. Police estimated 60 percent of the city was flooded, including First through Ninth Streets. Water entered homes in the Eighth and Ninth Street areas. A number of vehicles became stranded in high water. Outside the city, U.S. Highway 60 near Kentucky 1078 and Kentucky 351 was under water.								
Henderson County									
Zion to Baskett	24	1751CST			0	0			Hail(0.88)
Daviess County									
Utica	24	1757CST			0	0			Hail(0.75)
Henderson County									
Henderson	24	1800CST			0	0	1K		Lightning
	Lightning struck a church, blowing a hole in the roof and starting a small fire.								
Daviess County									
1 W Owensboro	24	1817CST			0	0			Hail(1.00)
Daviess County									
Owensboro	24	1817CST			0	0			Funnel Cloud
	A supercell thunderstorm produced funnel clouds in the Owensboro area.								

Storm Data and Unusual Weather Phenomena

April 2002

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, Southwest</u>								
Webster County								
Sebree	24	1829CST			0	0		Hail(0.88)
KYZ014								
Union	26	0900CST			0	0		Flood
	30	2359CST						
The Ohio River rose above flood stage at J.T. Meyers Lock toward the end of the month. Through May 1, the flooding was minor, consisting of low-lying agricultural bottomland.								
Livingston County								
5 WNW Joy to 5 E Joy	28	0110CST 0120CST	10	200	0	0	40K	Tornado (F2)
This tornado crossed the Ohio River just upriver from Golconda, Illinois. It tracked eastward across northern Livingston County, over rural wooded and farm country. Many thousands of trees were blown down. Few structures were in the path of the tornado. A mobile home was destroyed, and at least a couple of farm buildings were damaged.								
Crittenden County								
1 NW Sheridan to 1 NE Sheridan	28	0135CST 0137CST	2	100	0	0	20K	Tornado (F1)
This relatively weak, short-lived tornado was spawned by the same supercell thunderstorm that produced longer and more destructive tornadoes over Livingston County and eastern Crittenden and Webster Counties. Many trees were down, and a couple of trailers were destroyed or heavily damaged.								
Crittenden County								
4 NE Marion to 5 NE Marion	28	0139CST 0141CST	1	200	0	0	3K	Tornado (F1)
This short-lived tornado crossed U.S. Highway 60 northeast of Marion, downing numerous trees. This tornado was one in a series of tornadoes spawned by a supercell thunderstorm that tracked eastward across Livingston, Crittenden, and Webster Counties.								
Crittenden County								
4 N Shadey Grove to 4 NNE Shadey Grove	28	0149CST 0150CST	1	100	0	0	100K	Tornado (F2)
The tornado was spawned by a long-lived supercell that originated over southeast Missouri and tracked across southern Illinois and western Kentucky. This tornado, which was one of the strongest and longest-lived of the night, first touched down just inside Crittenden County on State Route 120. It quickly moved into Webster County. Before moving into Webster County, about a dozen homes and farm buildings were damaged in Crittenden County.								
Webster County								
5 W Providence to 4 E Providence	28	0150CST 0159CST	9	880	0	26	15M	Tornado (F3)
The tornado crossed southern Webster County, producing major damage as it paralleled Highway 120 through Providence. About two dozen persons were injured, and they were transported by ambulance to regional hospitals. One person was critically injured. The tornado produced F-3 damage in Providence, then weakened to an F-2 tornado just east of the city limits. The tornado struck a mobile home park in Providence, destroying 16 of the 20 mobile homes there. About 10 permanent homes were destroyed, and about 100 more homes were damaged.								
Hopkins County								
3.3 NW Nebo to 1 E Hanson	28	0159CST 0210CST	12	880	0	0	1.8M	Tornado (F3)
The tornado crossed into Hopkins County just west-northwest of Nebo, and finally lifted after moving through Hanson. The tornado was rated at F-3 intensity in the Nebo area, where four chicken houses were blown off their foundations. About 45,000 chickens were left in the debris. Damage to one chicken facility was estimated between one and two million dollars. The tornado weakened as it progressed across the county. About 10 to 15 residences were significantly damaged.								
Mclean County								
Sacramento to Livermore	28	0234CST 0244CST			0	0	40K	Thunderstorm Wind (G60)
A mobile home was overturned in Sacramento. A tree fell on a house, and a carport was damaged in Island. Power lines and trees were down in Livermore.								
Christian County								
Hopkinsville	30	0130CST			0	0		Hail(1.00)
Livingston County								
Tiline	30	2015CST			0	0		Hail(0.75)
Carlisle County								
Arlington	30	2047CST			0	0		Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

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

KENTUCKY, Southwest

Hickman County

Clinton	30	2100CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Fulton County

3 E Hickman	30	2100CST			0	0			Hail(1.50)
-------------	----	---------	--	--	---	---	--	--	------------

Inch-and-a-half diameter hail was reported 3 miles east of Hickman along Highway 58 east.

Graves County

4 E Wingo to Water Vly	30	2110CST 2120CST			0	0			Thunderstorm Wind (G50)
------------------------	----	--------------------	--	--	---	---	--	--	-------------------------

20 to 25 large trees were blown down on several state highways. Another 25 to 30 trees were down across county roads.

Graves County

Pilot Oak to Cuba	30	2110CST			0	0			Hail(0.75)
-------------------	----	---------	--	--	---	---	--	--	------------

Fulton County

Crutchfield	30	2115CST			0	0			Thunderstorm Wind (G50)
-------------	----	---------	--	--	---	---	--	--	-------------------------

Several trees were blown down.

LAKE ERIE

LEZ444

3 E Monroe Harbor	12	1700EST	Mi Waters Of Lake Erie		0	0			Marine Tstm Wind (G34)
-------------------	----	---------	------------------------	--	---	---	--	--	------------------------

Thunderstorms developed ahead of a cold front that moved across southeast Michigan during the evening of the 12th.

LEZ162

Maumee Bay to Reno Beach	12	1730EST 1815EST	Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border		0	0			Marine Tstm Wind (G40)
--------------------------	----	--------------------	--	--	---	---	--	--	------------------------

LEZ163

Reno Beach to The Islands	12	1730EST 1815EST	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border		0	0			Marine Tstm Wind (G40)
---------------------------	----	--------------------	---	--	---	---	--	--	------------------------

LEZ142

Maumee Bay to Reno Beach	12	1730EST 1815EST	Maumee Bay To Reno Beach Oh		0	0			Marine Tstm Wind (G40)
--------------------------	----	--------------------	-----------------------------	--	---	---	--	--	------------------------

LEZ143

Reno Beach to The Islands	12	1730EST 1815EST	Reno Beach To The Islands Oh		0	0			Marine Tstm Wind (G40)
---------------------------	----	--------------------	------------------------------	--	---	---	--	--	------------------------

Fast moving thunderstorms produced winds in excess of 40 knots as they moved east across the western basin of Lake Erie.

LEZ149

Ripley Ny	15	0915EST 1015EST	Conneaut Oh To Ripley Ny		0	0			Marine Tstm Wind (G45)
-----------	----	--------------------	--------------------------	--	---	---	--	--	------------------------

LEZ169

Conneaut to Ripley Ny	15	0915EST 1015EST	Le Conneaut Oh To Ripley Ny Byd 5Nm Offshore To Intl Border		0	0			Marine Tstm Wind (G45)
-----------------------	----	--------------------	---	--	---	---	--	--	------------------------

A strong thunderstorm producing winds estimated at 45 knots moved quickly southeast across Lake Erie.

LEZ163

Reno Beach to The Islands	17	2015EST 2130EST	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border		0	0			Marine Tstm Wind (G40)
---------------------------	----	--------------------	---	--	---	---	--	--	------------------------

LEZ164

The Islands to Vermilion	17	2015EST 2130EST	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border		0	0			Marine Tstm Wind (G40)
--------------------------	----	--------------------	--	--	---	---	--	--	------------------------

LEZ165

Vermilion to Avon Point	17	2015EST 2130EST	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border		0	0			Marine Tstm Wind (G40)
-------------------------	----	--------------------	--	--	---	---	--	--	------------------------

LEZ143

Reno Beach to The Islands	17	2015EST 2130EST	Reno Beach To The Islands Oh		0	0			Marine Tstm Wind (G40)
---------------------------	----	--------------------	------------------------------	--	---	---	--	--	------------------------

Strong thunderstorms moved east across western Lake Erie and produced wind gusts in excess of 40 knots. Small hail was also reported.

Storm Data and Unusual Weather Phenomena

April 2002

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

LAKE ERIE

LEZ40	Ripley To Dunkirk Ny								
Dunkirk	19	0600EST			0	0			Marine Tstm Wind (G43)
LEZ41	Dunkirk To Buffalo Ny								
Silver Creek	19	0610EST			0	0			Waterspout
Isolated thunderstorms developed over eastern Lake Erie during the early morning hours. At Dunkirk, winds gusted to 43 knots and a waterspout was sighted off Silver Creek.									
LEZ149	Conneaut Oh To Ripley Ny								
Ripley Ny	28	1300EST			0	0			Waterspout
A waterspout was observed on Lake Erie just offshore from Presque Isle. No damage occurred.									

LAKE HURON

LHZ347	5Nm E Of Mackinac Bridge To Presque Isle Lt Mi								
Presque Isle Light	18	1055EST			0	0			Marine Tstm Wind (G39)
LHZ361	Lh 5Nm E Of Mackinac Bridge To Presque Isl Lt Mi Ewd Byd 5Nm Offshore To Intl Border								
Presque Isle Light	18	1055EST			0	0			Marine Tstm Wind (G39)
LHZ362	Lh Presque Isl Lt To Alabaster Mi Ewd Byd 5Nm Offshore To Intl Border								
Presque Isle Light	18	1055EST			0	0			Marine Tstm Wind (G39)
LHZ348	Presque Isl Lt To Sturgeon Pt Mi								
Presque Isle Light	18	1055EST			0	0			Marine Tstm Wind (G39)
LHZ422	Inner Saginaw Bay & Sw Of Pt Au Gres To Bay Port Mi								
12 SW Saginaw River Mc	18	2320EST			0	0			Marine Tstm Wind (G37)
LHZ421	Outer Saginaw Bay & Sw Of Alabaster To Pt Austin Mi								
18 SW Alabaster	18	2320EST			0	0			Marine Tstm Wind (G37)
Thunderstorms developed ahead of a cold front shortly after midnight on the 19th.									

LAKE MICHIGAN

LMZ323	Grand Traverse Bay & Norwood To Grand Traverse Lt Mi								
Traverse City	18	0937EST			0	0			Marine Tstm Wind (G44)
LMZ344	Grand Traverse Lt To Sleeping Bear Pt Mi								
Leland	18	0937EST			0	0			Marine Tstm Wind (G44)
LMZ645	North Pt Lt To Wind Pt Wi								
Milwaukee Harbor	18	1615CST			0	0			Marine Tstm Wind (G42)
LMZ643	Sheboygan To Pt Washington Wi								
.5 E Sheboygan	18	1622CST			0	0			Marine Tstm Wind (G35)
LMZ645	North Pt Lt To Wind Pt Wi								
Milwaukee Harbor	18	1700CST			0	0			Marine Tstm Wind (G44)
LMZ643	Sheboygan To Pt Washington Wi								
.5 E Sheboygan	18	1700CST			0	0			Marine Tstm Wind (G35)
LMZ645	North Pt Lt To Wind Pt Wi								
Milwaukee Harbor	18	1735CST 1835CST			0	0			Marine Tstm Wind (G45)
LMZ643	Sheboygan To Pt Washington Wi								
.5 E Sheboygan	18	1800CST			0	0			Marine Tstm Wind (G35)
LMZ645	North Pt Lt To Wind Pt Wi								
Milwaukee Harbor	18	1925CST			0	0			Marine Tstm Wind (G35)
LMZ646	Wind Pt Lt Wi To Winthrop Hbr Il								
1.5 E Kenosha	18	2008CST			0	0			Marine Tstm Wind (G45)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>LAKE MICHIGAN</u>									
LMZ646			Wind Pt Lt Wi To Winthrop Hbr II						
1.5 E Racine	18	2011CST			0	0			Marine Tstm Wind (G42)
LMZ646			Wind Pt Lt Wi To Winthrop Hbr II						
35 E Kenosha	18	2300CST			0	0			Marine Tstm Wind (G40)
			A series of short lines of severe thunderstorms developed ahead and along a cold front which moved east across Lake Michigan. Powerful wind gusts were produced.						
LMZ740			Winthrop Hbr To Wilmette Hbr II						
3 S Winthrop Harbor to 5 SE Winthrop Harbor	18	1845CST 1850CST			0	0			Waterspout
			A F0 tornado briefly touched down 2 miles east of Zion in Lake county Illinois before moving off shore as a waterspout.						
LMZ869			Lm Whitehall To Manistee Mi 5Nm Offshore To Mid Line Of Lake						
Ludington Harbor	18	1854EST			0	0			Marine Tstm Wind (G40)
LMZ869			Lm Whitehall To Manistee Mi 5Nm Offshore To Mid Line Of Lake						
Ludington Harbor	18	1900EST			0	0			Marine Tstm Wind (G52)
LMZ868			Lm Holland To Whitehall Mi 5Nm Offshore To Mid Line Of Lake						
Muskegon Harbor	18	1950EST			0	0			Marine Tstm Wind (G36)
LMZ868			Lm Holland To Whitehall Mi 5Nm Offshore To Mid Line Of Lake						
Muskegon Harbor	18	1956EST			0	0			Marine Tstm Wind (G41)
LMZ868			Lm Holland To Whitehall Mi 5Nm Offshore To Mid Line Of Lake						
Muskegon Harbor	18	2115EST			0	0			Marine Tstm Wind (G47)
LMZ868			Lm Holland To Whitehall Mi 5Nm Offshore To Mid Line Of Lake						
Holland Harbor	18	2125EST			0	0			Marine Tstm Wind (G41)
LMZ869			Lm Whitehall To Manistee Mi 5Nm Offshore To Mid Line Of Lake						
Manistee Harbor	18	2235EST			0	0			Marine Tstm Wind (G35)
LMZ868			Lm Holland To Whitehall Mi 5Nm Offshore To Mid Line Of Lake						
Muskegon Harbor	18	2345EST			0	0			Marine Tstm Wind (G54)
			A strong line of thunderstorms moved across central Lake Michigan during the late evening hours, producing numerous observed wind gusts from 35 to 55 knots along the shoreline from Holland north to Manistee.						
LMZ522			Bay Of Green Bay S Of Ln Marinette To Fish Creek Wi						
Green Bay Light	18	1955CST			0	0			Marine Tstm Wind (G40)
			A warm front across Wisconsin lifted north during the afternoon and evening. Moist and very unstable air south of the front led to the development of severe thunderstorms across parts of Wisconsin. The storms decreased in intensity as they reached the waters of Green Bay but still managed to produce gusts to 40 knots over the southern part of the bay.						
LMZ323			Grand Traverse Bay & Norwood To Grand Traverse Lt Mi						
Norwood	18	2234EST			0	0			Marine Tstm Wind (G36)
LMZ344			Grand Traverse Lt To Sleeping Bear Pt Mi						
Grand Traverse Light	18	2234EST			0	0			Marine Tstm Wind (G36)
LMZ363			Lm 5Nm W Of Mackinac Bridge To Manistee Mi Nwd Beyond 5Nm Offshore To Mid Line Of Lake						
Charlevoix	18	2234EST			0	0			Marine Tstm Wind (G36)
LMZ342			Norwood Mi To 5Nm W Of Mackinac Bridge						
Charlevoix	18	2234EST			0	0			Marine Tstm Wind (G36)
LMZ345			Sleeping Bear Pt To Manistee Mi						
Manistee	18	2234EST			0	0			Marine Tstm Wind (G36)
LMZ741			Wilmette Hbr To Meigs Field II						
Harrison-Dever Crib	25	1900CST			0	0			Marine Tstm Wind (G38)

Storm Data and Unusual Weather Phenomena

April 2002

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

LAKE ST CLAIR

LCZ460	Lake St Clair (U.S. Portion)								
1 S New Baltimore	12	1706EST			0	0			Marine Tstm Wind (G37)
LCZ422	St Clair River								
9 W Algonac	12	1706EST			0	0			Marine Tstm Wind (G37)

Thunderstorms developed ahead of a cold front that moved through southeast Michigan during the evening of the 12th.

LOUISIANA, Northeast

NONE REPORTED.

LOUISIANA, Northwest

CaddoParish									
Vivian	07	2236CST			0	0	10K		Thunderstorm Wind (G80)
Numerous trees downed in and around town. Straight line winds were the strongest along a 6 mile wide area southwest of town. A string of power poles were toppled, all in an eastward direction.									
CaddoParish									
Hosston	07	2245CST			0	0	80K		Thunderstorm Wind (G80)
Several large trees and power lines were blown over.									
CaddoParish									
Blanchard	07	2250CST			0	0			Thunderstorm Wind (G60)
Two large trees fell across Roy Road south of Pine Hill Road.									
BossierParish									
Plain Dealing	07	2254CST			0	0	50K		Thunderstorm Wind (G80)
Several large trees and power lines were blown over. Roofs were blown off a few buildings and reported damage to gas meters.									
CaddoParish									
Shreveport	07	2255CST			0	0			Hail(0.75)
Fell near the intersection of West 70th Street and Meriwether Road.									
WebsterParish									
Springhill	07	2310CST 2335CST			0	0	1K		Thunderstorm Wind (G60) ^M
Several trees and power lines uprooted. A fence at the local high school was blown down.									
BossierParish									
Elm Grove	07	2312CST			0	0			Thunderstorm Wind (G60)
Several large trees and power lines down.									
WebsterParish									
Minden	07	2325CST			0	0	2K		Thunderstorm Wind (G60)
Winds removed a store front awning and destroyed a sign.									
WebsterParish									
1 W Dixie Inn	07	2330CST			0	0			Thunderstorm Wind (G60)
Trees and power lines toppled.									
WebsterParish									
Shongaloo	07	2330CST			0	0			Thunderstorm Wind (G60)
Several large trees and power lines toppled.									
SabineParish									
Many	08	0055CST			0	0			Thunderstorm Wind (G60)
Several large trees down.									
BossierParish									
Plain Dealing	30	1615CST			0	0	6K		Thunderstorm Wind (G58)
A large fruit stand was lifted and landed on an nearby uprooted tree.									

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
LOUISIANA, Southeast									
St. John The Baptist Parish									
Garyville to La Place	08	1113CST 1200CST			0	0	25K		Thunderstorm Wind
Several tree and telephone poles were blown down from Garyville to La Place. Three homes, a trailer and a car were damaged by falling trees.									
Livingston Parish									
Denham Spgs	08	1115CST			0	0	1K		Thunderstorm Wind
A large tree was blown down on power lines.									
Assumption Parish									
Belle Rose	08	1155CST			0	0	2K		Thunderstorm Wind
Thunderstorm winds knocked down ten telephone poles.									
Washington Parish									
Mt Hermon	08	1208CST			0	0	1K		Thunderstorm Wind
Thunderstorm winds blew down a few trees.									
Assumption Parish									
Napoleonville	08	1225CST			0	0	4K		Thunderstorm Wind
Thunderstorm winds destroyed the roof of a patio and knocked down a large tree.									
Tangipahoa Parish									
Countywide	08	1230CST			0	0	2K		Thunderstorm Wind
Several trees and power lines were blown down at various locations around the parish.									
St. Tammany Parish									
Mandeville	08	1230CST			0	0	10K		Thunderstorm Wind
Thunderstorm winds blew down a large tree causing damage to a house.									
Washington Parish									
Countywide	08	1245CST 1315CST			0	0	1.5K		Thunderstorm Wind
A few trees were blown down at various locations across the parish.									
Lafourche Parish									
Thibodaux	08	1300CST			0	0	0.75K		Thunderstorm Wind
Large tree limbs were blown down.									
St. Charles Parish									
Hahnville	08	1300CST			0	0	1.5K		Thunderstorm Wind
A few trees and a utility pole were knocked down.									
Terrebonne Parish									
Houma to Bourg	08	1300CST 1330CST			0	0	7K		Thunderstorm Wind
Several trees and utility poles were blown down resulting in minor damage to a few homes.									
Lafourche Parish									
Countywide	08	1300CST 1330CST			0	0	2K		Thunderstorm Wind
Several trees and power lines were blown down at various locations around the parish.									
Jefferson Parish									
Kenner	08	1309CST			0	0			Funnel Cloud
A funnel cloud was sighted by the public near West Esplanade Avenue.									
Orleans Parish									
Countywide	08	1315CST 1400CST			0	0	15K		Thunderstorm Wind
A number of trees and large branches were blown down. One tree fell on a house in Algiers.									
Orleans Parish									
(New)Lkfrnt Arpt New	08	1334CST			0	0			Thunderstorm Wind (G57) ^M
Jefferson Parish									
Gretna	08	1340CST			0	0	15K		Thunderstorm Wind
Thunderstorm winds pulled several air conditioner units out of the wall at the Jefferson Parish Courthouse, ripped off the insulation of a storage tank, and blew off the facade of a building.									

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LOUISIANA, Southeast</u>									
OrleansParish									
Lake Catherine	08	1355CST			0	0	10K		Thunderstorm Wind
The roof of a fishing camp was blown off. Resident's anemometer measured a wind gust of 79 mph.									
PlaqueminesParish									
Belle Chasse	08	1430CST			0	0	3K		Thunderstorm Wind
Several large tree limbs were blown down including one which damaged the roof of a home									
St. TammanyParish									
Abita Spgs	08	1500CST			0	0	1K		Thunderstorm Wind
A few trees were knocked down.									
JeffersonParish									
Lafitte	08	1623CST			0	0	1.5K		Thunderstorm Wind
Thunderstorm winds knocked down power lines.									
<u>LOUISIANA, Southwest</u>									
VernonParish									
Anacoco	08	0159CST			0	0	5K		Thunderstorm Wind
SKYWARN storm spotter reported trees blown down.									
BeauregardParish									
De Ridder	08	0215CST			0	0	5K		Thunderstorm Wind
Trees were blown down in a severe thunderstorm.									
CalcasieuParish									
De Quincy	08	0250CST			0	0			Hail(1.00)
CalcasieuParish									
4 E De Quincy	08	0251CST			0	0	5K		Thunderstorm Wind
Trees were blown down near DeQuincy.									
CalcasieuParish									
4 E De Quincy	08	0251CST			0	0			Hail(0.75)
AllenParish									
Reeves	08	0302CST			0	0			Hail(0.75)
AllenParish									
Kinder	08	0313CST			0	0			Hail(0.75)
BeauregardParish									
Ragley	08	0315CST			0	0			Hail(0.88)
RapidesParish									
Forest Hill	08	0322CST			0	0			Hail(0.75)
CalcasieuParish									
Moss Bluff	08	0330CST			0	0			Hail(0.75)
AvoyellesParish									
Bunkie	08	0331CST			0	0			Hail(0.75)
AllenParish									
Oakdale	08	0338CST			0	0			Hail(0.75)
AllenParish									
Oakdale	08	0338CST			0	0	5K		Thunderstorm Wind
Two trees were blown down on Highway 372.									
Jefferson DavisParish									
Jennings	08	0342CST			0	0	5K		Thunderstorm Wind
Numerous trees were blown down in the Jennings area.									
IberiaParish									
New Iberia	08	0845CST			0	0	20K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

April 2002

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

LOUISIANA, Southwest

Widespread wind damage as trees and power lines were blown down on cars and buildings. Several small buildings and porches were also damaged by the wind.

**IberiaParish
Countywide**

08	1300CST 1500CST				0	0	25K		Flash Flood
----	--------------------	--	--	--	---	---	-----	--	--------------------

**LafayetteParish
Countywide**

08	1300CST 1500CST				0	0	25K		Flash Flood
----	--------------------	--	--	--	---	---	-----	--	--------------------

**VermilionParish
Countywide**

08	1300CST 1500CST				0	0	25K		Flash Flood
----	--------------------	--	--	--	---	---	-----	--	--------------------

Three inches of rain fell in one hour, resulting in significant street flooding across Iberia, Lafayette, and Vermilion parishes. Several homes had water enter them.

MAINE, North

**Piscataquis County
Abbot Vlg**

17	0918EST				0	0			Hail(1.00)
----	---------	--	--	--	---	---	--	--	-------------------

**Penobscot County
15 NW Bangor**

17	0957EST				0	0			Hail(0.75)
----	---------	--	--	--	---	---	--	--	-------------------

MEZ030

Coastal Washington
26 0500EST
1300EST

0	0	25K		Winter Storm
---	---	-----	--	---------------------

Low pressure tracking through the Gulf of Maine produced 4 to 8 inches of snow across portions of the Downeast coast.

MEZ010>011-031>032

Central Piscataquis - Central Penobscot - Southern Piscataquis - Northern Washington

28	1700EST				0	0			Winter Storm
29	1200EST								

Low pressure tracking across Maine produced a narrow region of 4 to 7 inches of snow across central portions of the state.

MAINE, South

**Knox County
Rockland**

13	1955EST 2005EST				0	0	23K		Lightning
----	--------------------	--	--	--	---	---	-----	--	------------------

A pair of lightning bolts from a thunderstorm damaged two buildings in Rockland. The first struck a corner store and caused an estimated \$2500 in damage when a wire on the roof shorted out and ignited some of the siding on the exterior wall. The second incident occurred at the Elks Lodge where lightning struck a flag pole and traveled into the building. The bolt blasted mud from the ground, broke a window, took a piece of the foundation out, tore bricks off the outside chimney, and destroyed all security monitors, the telephones, and a fire alarm system. Damage was estimated at \$20,000.

**Oxford County
Roxbury**

14	0245EST 0745EST				0	0			Flood
----	--------------------	--	--	--	---	---	--	--	--------------

Low pressure moving northeast from the Ohio Valley on the 13th brought 1 to 2 inches of rain to the western part of the state. The heavy rain caused the Swift River to rise about a half foot above the 7 foot flood stage between about 4 and 9 am on the 14th.

MEZ007>009-012>014-018>021-023>026

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

25	2000EST				0	0			Snow
26	0700EST								

A late season winter-like storm dropped 1 to 5 inches of snow across parts of western Maine. While many of the reports were in the 1 to 2 inch range, the town of Poland in western Androscoggin County reported 4.7 inches of snow.

Storm Data and Unusual Weather Phenomena

April 2002

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

MAINE, South

MEZ007>009	Northern Oxford - Northern Franklin - Central Somerset								
	28	1000EST			0	0			Heavy Snow
	29	1000EST							

MEZ012>014-020>022	Southern Oxford - Southern Franklin - Southern Somerset - Androscoggin - Kennebec - Interior Waldo								
	28	1000EST			0	0			Snow
	29	1000EST							

An area of low pressure moving east from the Great Lakes brought a late-season snowfall to much of the state. The greatest amounts fell in the western mountains where up to 9 inches was reported. Snow amounts in the foothills and central interior were generally in the 2 to 6 inch range with lesser amounts to the south. Along the coast, the precipitation fell mainly as rain.

MARYLAND, Central

Harford County									
North Portion	18	1450EST 1530EST			0	0	400K		Lightning

Two homes were damaged by a lightning fire.

Anne Arundel County									
Ferndale	18	1510EST			0	0	40K		Lightning

A lightning strike caused 3 fires at a home.

Anne Arundel County									
Countywide	18	1610EST			0	0	5K		Thunderstorm Wind

Trees and wires were downed.

Anne Arundel County									
Countywide	18	1630EST 1930EST			0	0			Flash Flood

Up to 5 inches of rain flooded several roads and basements.

Anne Arundel County									
Arnold	18	1705EST			0	0	70K		Lightning

A lightning fire severely damaged the roof of a home.

Anne Arundel County									
Baltimore Washington	18	1900EST			0	0	20K		Thunderstorm Wind

High winds blew out the back brick wall of an industrial building. The event time was estimated.

Scattered thunderstorms developed during the early afternoon of the 18th across Central Maryland. Some of the storms produced damaging winds, very heavy downpours, and frequent lightning. In Anne Arundel County, lightning struck at least 10 homes, caused 35,000 power outages, and started five brush fires. A home sustained major damage in Arnold after lightning struck the metal cap of a chimney and started the roof on fire. In Glen Burnie, a lightning strike caused 3 fires on all three levels of a home on Vista Ave. High winds blew through open roll-up doors on the front of an industrial building in Hanover and the resulting pressure blew out a portion of a concrete wall on the back of the structure. Pieces of the wall were blown up to 40 feet away, and debris damaged cars in the parking lot. A few people inside the structure were blown to the ground by the wind. Nearby at BWI Airport, a gust of 52 MPH was recorded. High winds were also responsible for downing 20 electrical wires and for pushing a tree onto a house. Marble sized hail was reported in Odenton. Heavy downpours flooded 20 basements and numerous roads were covered in water. Route 424 and Crain Highway were flooded. Rainfall reports included 5.23 inches in Crofton, nearly 4 inches in Severna Park, 3.50 inches near Benfield, and 2.83 inches at Millersville. In Harford County, tow homes were damaged by fires resulting from lightning strikes. A home on Phillips Mill Road sustained damage to outer walls after lightning struck. On Old Rocks Road, lightning struck a tree and traveled underground along electrical wiring into a home and a barn. The bolt blew siding off the home, damaged the ceiling of the basement, and caused electrical damage to the barn.

Prince George'S County									
Greenbelt to Lanham	19	1420EST 1425EST			0	0			Hail(1.00)

Dime to quarter sized hail fell.

Prince George'S County									
Greenbelt	19	1420EST			0	0			Thunderstorm Wind (G52)

A wind gust of 60 MPH was estimated.

A thunderstorm with large hail and high winds moved through Prince George's County during the afternoon of the 19th. In Greenbelt, dime to nickel sized hail and 60 MPH winds were reported. Dime to quarter sized hail fell in Lanham. Pea sized hail was noted in Glen Burnie, Glenn Dale, and Parkville. About 2200 customers lost power as a direct result of the storm.

Storm Data and Unusual Weather Phenomena

April 2002

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

Montgomery County

Rockville 21 2330EST 0 0 250K **Lightning**
 Lightning struck a townhouse around 12:30 AM EDT on the 22nd.
 A late night thunderstorm caused a fire at a townhouse on North Adams Street which heavily damaged the structure. Lightning struck the building and started a fire that caused \$250,000 damage which included the destruction of the directly affected unit and damage to two adjoining townhomes. One firefighter suffered a leg injury while attempting to douse the blaze and a woman neighbor suffered cardiac arrest at the scene.

Charles County

Indian Head 28 1755EST 0 0 **Hail(1.75)**
 Golf ball sized hail fell.

Charles County

2 SE Bryans Road 28 1756EST 0 0 **Hail(0.75)**
 Penny sized hail fell.

Charles County

Rison to Benedict 28 1756EST
1831EST 24 650 1 122 114M **Tornado (F4)**



Top row from left to right: Picture of tornado off Long Beach shoreline, house completely destroyed by tornado in development east of La Plata where one person was killed, house that sustained minor damage in Calvert County. Middle row from center to right: Truck with metal panel through front window at intersection of Route 301 and 6 in downtown La Plata, what's left of a restaurant at the intersection of Route 301 and 6. Bottom row from left to right: picture of CD size hail that fell in Waldorf, another damaged home in La Plata, a picture taken from a plane of the tornado's path through La Plata.

A destructive tornado crossed the county from just north of Rison, through La Plata, to Benedict before moving into Calvert County. M51PH

Charles County

La Plata 28 1802EST
1806EST 3 100 0 0 1M **Tornado (F2)**
 A second tornado briefly touched down just north of downtown La Plata.

Charles County

2 N La Plata 28 1805EST 0 0 **Hail(3.00)**
 Slightly larger than baseball sized hail fell.

Charles County

2 N La Plata 28 1805EST 0 0 **Thunderstorm Wind (G70)**
 A spotter estimated a wind gust of 80 MPH from the northwest.

Storm Data and Unusual Weather Phenomena

April 2002

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

Charles County

Waldorf **28** **1805EST** **0** **0** **Hail(1.00)**
Dime to quarter sized hail was reported.

Charles County

La Plata **28** **1806EST** **0** **0** **Hail(4.50)**
Golf ball to CD sized hail was observed.

Charles County

3 SE Waldorf **28** **1807EST** **0** **0** **Hail(2.00)**
Hen egg sized hail fell.

Charles County

Bryantown **28** **1810EST** **0** **0** **Hail(2.75)**
Baseball sized hail was reported.

St. Mary'S County

Charlotte Hall **28** **1815EST** **0** **0** **1K** **Thunderstorm Wind**
Trees were downed.

Charles County

Patuxent **28** **1820EST** **0** **0** **Hail(2.75)**
Baseball sized hail covered the ground, dented cars, and broke windows.

Calvert County

1 N Bowens **28** **1825EST** **0** **0** **Hail(1.75)**
Golf ball sized hail fell on Adelina Road about a mile north of the tornado's path.

Calvert County

**2 W Bowens to
1 N St Leonard** **28** **1831EST
1849EST** **14** **200** **2** **0** **10M** **Tornado (F2)**
A strong tornado crossed the Patuxent River from Charles County and moved east through central Calvert County. It tracked between Patuxent View and Western Shore Estates before moving onto the Chesapeake Bay. M68PH, F65PH

Calvert County

Prince Frederick **28** **1835EST** **0** **0** **Hail(1.75)**
Golf ball sized hail was reported.

Calvert County

**Long Beach to
5 E Long Beach** **28** **1842EST
1849EST** **5** **50** **0** **0** **5K** **Tornado (F1)**

A tornado developed on the Long Beach shoreline just north of Calvert Cliffs power plant and moved offshore. A massive tornadic storm tore through Central Charles and Calvert Counties between 7 and 8 PM EDT on the 28th. The tornadoes it produced left a 64 mile path of destruction ranging from F1 to F4 damage. Five people were killed, 122 were injured, and over \$115 million in damage was reported. The tornadoes were spawned from a supercell thunderstorm that crossed the Potomac River from Prince William County. Up to 10 miles north of the path of the tornado, large hail up to 4.5 inches in diameter fell. Debris from the tornado was found as far away as southern Delaware. Wind damage was also reported near the path of the storm.

Across Charles County, 638 homes were damaged, 100 homes were destroyed, 143 businesses (mainly in downtown La Plata) were damaged, and 49 businesses were destroyed. Countless trees and agricultural buildings were downed along the rural path of the storm. Three people were killed and at least 120 people were injured countywide, 12 critically. A 51-year-old man was killed and his wife was critically injured when their house under construction on Hawkins Gate Road, about 5 miles east of La Plata, collapsed. A 54-year-old man died in his car from an apparent heart attack at the intersection of Route 301 and Route 6 in downtown La Plata. The third victim, a 72-year-old woman, died of a heart attack in Waldorf after being frightened by the tornado.

The tornado first touched down on the eastern edge of General Smallwood State Park just north of Rison. It pushed east-southeast and passed just south of Pisgah where it grew to F2 strength. The tornado moved through Mount Pisgah and damaged homes on Ripley Road between Ripley and Garden Estates. The twister continued to move east through rural lands south of Hawthorne Road (Route 255) passing just north of the community of Graystone. Next, it moved through the communities of Habre de Venture, Longmeade, Clamber Hill, Hawthorne Manor, and Hillendale about 3 miles west of downtown La Plata. The tornado, now F3 strength, hit the western portion of La Plata next, moving directly through the neighborhoods of Valley View, Morgan's Ridge, Quailwood, and Haldane. The tornado, now F4 strength, continued east into the downtown area where it crossed through the intersection of Route 301 and 6. Damage was found on either side of Route 6 with the most severe devastation occurring on the south side of the highway. The downtown business district was nearly wiped out after 65% of the buildings were either heavily damaged or destroyed. The 125-foot city water tower was also downed. The tornado continued its trek southeast of the downtown

Storm Data and Unusual Weather Phenomena

April 2002

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

hospital into the northern portion of Clarks Run, across Route 6, and into the community of Ellenwood. The F4 tornado moved east of La Plata into the southern portion of Brynwood Farm Estates, then east across the Zekiah Swamp. Several homes at the end of Hawkins Gate Road were completely destroyed, and this was the location of one fatality and numerous injuries. Next, the tornado crossed Olivers Shop Road just north of the intersection of Route 231. It continued east through rural lands until it intersected Route 5 at Homeland Drive just south of Hughesville. East of Homeland Drive, it severely damaged the Girl Scout facility off Scout Camp Road. The tornado tracked east-southeast toward Benedict, remaining just south of Route 231 and weakening to F2 strength. It struck Colonial Lane and a home south of Benedict before crossing the river into Calvert County just south of the bridge.

In Calvert County, the tornado first struck the community of Patuxent View just south of Route 231 at F2 strength. Over half of the homes in this development were damaged. One home with no foundation or anchoring just east of Patuxent View off Hallowing Point Road was picked up and thrown 80 feet into a culvert. A 68-year-old man and his 65-year-old wife who were taking shelter in the house were killed. The twister continued eastward along Sixes Road to the intersection of Adelina Road. Several homes and barns were damaged. From there it pushed east through the communities of Boyds Farm, Mutual Estates, and Chippingwood, where it damaged more property. It crossed Route 2/4 and 765 just north of St. Leonard, downing trees and it went. Finally, it crossed the Western Shores Estates development at F1 strength before it moved offshore. Another tornado formed on the Long Beach shoreline just north of Calvert Cliffs Power Plant. It downed trees before moving offshore. This tornado grew in strength as it crossed the bay and struck Dorchester County on the eastern shore just south of Taylor's Island. Across the county, 125 homes were damaged and 10 were destroyed, mainly in the Brownsville and Hallowing Point areas. County officials collected over 300 tons of downed trees and storm debris.

MARYLAND, Northeast

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

01	0000EST	0	0	0	0	Drought
30	2359EST					

Precipitation during April of 2002 was close to normal across the Maryland Eastern Shore. On a county weighted average, April monthly precipitation totals ranged from 3.0 inches in Cecil and Talbot Counties to 3.9 inches in Caroline County. Normal is around 3.4 inches. The monthly precipitation total for the Baltimore-Washington International Airport was 4.08 inches, 1.08 inches wetter than normal. At the start of the month, all monitored streams in the Maryland Eastern Shore and Delaware were below normal. Eight of the seventeen monitored groundwater wells were at record lows. All were below normal. With the long term outlook not improving, Governor Parris Glendennin upgraded the drought warning to a drought emergency across Central Maryland including Cecil County. The rest of the Eastern Shore remained under a drought warning. Level one mandatory restrictions were in place for Cecil County and included the prohibition of watering lawns, use of water for ornamental purposes, use of water for non-commercial washing or cleaning of automobiles, trucks, trailers and boats, washing paved surfaces, use of sprinklers and other automatic watering devices for irrigation, watering gardens, trees, shrubs or other outdoor plants. Hand held hoses and containers could still be used. The hope with these restrictions was to reduce consumption by 10 percent in north central Maryland. Elsewhere along the Eastern Shore, no formal restrictions were in place, but water conservation continued to be emphasized.

In Cecil County, shallow wells were going dry. Well failures were three times the rate of 2001. Drilling permits have doubled since 2001 and about half of the drilling work in the county was to replace dried wells. Rising Sun was receiving thousands of gallons of trucked water because of low water pressure in their municipal wells. On the positive side, the return of normal rainfall during the past two months has left enough moisture in the ground for planted seeds to germinate. There was still concern about the alfalfa crop because sub topsoil ground conditions were dry and dairy farmers were concerned about their wells going dry.

MDZ019>020

Talbot - Caroline

28	1900EST	0	0	0	0	Tornado Debris
	2000EST					

The strength of the LaPlata (Charles County) Tornado was evident across Easton and Talbot Counties. The same tornadic thunderstorm passed across Dorchester County. The outflow from the thunderstorm and tornado dropped cancelled checks, assessment documents, bank documents, tax documents and teller receipts from LaPlata across Federalsburg (Caroline County), Oxford (Talbot County) and Easton (Talbot County). Federalsburg is 66 miles east of LaPlata.

MARYLAND, South

Dorchester County

**3 S Taylors Is to
9 S Vienna**

28	1855EST	18	150	0	0	150K	Tornado (F3)
-----------	----------------	-----------	------------	----------	----------	-------------	---------------------

Tornado path length 16-18 miles. One house and several outbuildings destroyed near Hip Roof Road. Most of the damage along tornado path rated F0 to F1.

Storm Data and Unusual Weather Phenomena

April 2002

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

MARYLAND, South

Dorchester County

5 SE Church Creek	28	1915EST			0	0			Hail(2.50)
-------------------	----	---------	--	--	---	---	--	--	------------

Golfball to tennis ball size hail. Largest hail was either egg shaped or disk shaped.

Wicomico County

6 WSW Quantico to 2 SW Quantico	28	1928EST	4	100	0	0	5K		Tornado (F0)
------------------------------------	----	---------	---	-----	---	---	----	--	--------------

Tornado (F0) downed trees and sheared off numerous tree branches along 4 mile path that ended 2 miles southwest of Quantico. Track suggests damage was from the same tornado that affected Dorchester county.

Wicomico County

Hebron	28	1935EST			0	0			Hail(1.75)
--------	----	---------	--	--	---	---	--	--	------------

Wicomico County

2 N Hebron	28	1935EST			0	0	2K		Thunderstorm Wind
------------	----	---------	--	--	---	---	----	--	-------------------

Several trees down.

Wicomico County

Salisbury	28	1955EST			0	0	5K		Thunderstorm Wind
-----------	----	---------	--	--	---	---	----	--	-------------------

Trees down on two houses.

Worcester County

Berlin	28	2015EST			0	0	2K		Thunderstorm Wind
--------	----	---------	--	--	---	---	----	--	-------------------

Trees down on Purnell Crossing Road.

MARYLAND, West

Garrett County

Countywide	28	0648EST 0930EST			0	0	5K		Flood
------------	----	--------------------	--	--	---	---	----	--	-------

Heavy thunderstorm rains forced Buffalo Run Creek out of its banks, producing minor roadway flooding on Buffalo Run Road. Minor street flooding was also reported in the Oakland area.

MASSACHUSETTS, Central and East

Barnstable County

East Sandwich	17	0958EST			0	1			Lightning
---------------	----	---------	--	--	---	---	--	--	-----------

Lightning from the anvil of an isolated thunderstorm struck a groundskeeper at a golf course in East Sandwich, as he stood beneath a canopy of trees.

Middlesex County

Ashland	19	1500EST			0	0	5K		Thunderstorm Wind (G52)
---------	----	---------	--	--	---	---	----	--	-------------------------

Scattered thunderstorms developed across southern New England ahead of a cold front. One storm in Middlesex County became severe as it moved through Ashland. Thunderstorm winds estimated near 60 mph by a trained weather spotter downed several trees on High Street.

MASSACHUSETTS, West

NONE REPORTED.

MICHIGAN, East

Macomb County

New Baltimore	12	1335EST			0	1	5K		Lightning
---------------	----	---------	--	--	---	---	----	--	-----------

A man was struck while making household repairs in his attic. It is thought that lightning traveled through the metal heating ducts. The man was hospitalized for a couple of days.

Livingston County

3 NW Brighton	12	1500EST			0	0	15K		Lightning
---------------	----	---------	--	--	---	---	-----	--	-----------

Storm Data and Unusual Weather Phenomena

April 2002

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

MICHIGAN, East

A bolt of lightning struck a detached garage setting it ablaze. The garage suffered some sizable damage.

Midland County

Coleman	18	2200EST			0	0			Hail(0.88)
---------	----	---------	--	--	---	---	--	--	------------

Bay County

2 SW Bay City	18	2325EST			0	0			Thunderstorm Wind (G52)
---------------	----	---------	--	--	---	---	--	--	-------------------------

A trained weather spotter reported an estimated wind gust to 60 MPH at the intersection of I-75 and M84.

Saginaw County

Saginaw	18	2330EST			0	0			Thunderstorm Wind (G50)
---------	----	---------	--	--	---	---	--	--	-------------------------

Law enforcement reported that several trees were blown down and a few road signs were bent over in the city.

Saginaw County

5 SE Saginaw to Saginaw	18	2335EST			0	0			Thunderstorm Wind (G53) ^M
----------------------------	----	---------	--	--	---	---	--	--	--------------------------------------

A 61 MPH wind gust was measured at Saginaw's Harry Browne Airport.

Genesee County

Flint	19	0025EST			0	0			Hail(1.00)
-------	----	---------	--	--	---	---	--	--	------------

Midland County

10 W Midland	19	0031EST			0	0			Hail(0.75)
--------------	----	---------	--	--	---	---	--	--	------------

Midland County

Midland	19	0046EST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Midland County

8 W Midland	19	0052EST			0	0			Hail(0.88)
-------------	----	---------	--	--	---	---	--	--	------------

Lapeer County

3 N Lapeer to Metamora	19	0055EST			0	0			Thunderstorm Wind (G50)
---------------------------	----	---------	--	--	---	---	--	--	-------------------------

Law enforcement reported a large tree blown over.

Genesee County

Flushing	19	0059EST			0	0			Thunderstorm Wind (G50)
----------	----	---------	--	--	---	---	--	--	-------------------------

Law Enforcement reported large tree limbs blown down.

Lapeer County

Hadley	19	0100EST			0	0			Thunderstorm Wind (G50)
--------	----	---------	--	--	---	---	--	--	-------------------------

Law Enforcement reported several small trees blown down.

Tuscola County

Millington	19	0130EST			0	0			Hail(0.75)
------------	----	---------	--	--	---	---	--	--	------------

Genesee County

1 S Otisville	19	0150EST			0	0			Hail(0.75)
---------------	----	---------	--	--	---	---	--	--	------------

A cold front moved across the Great Lakes region during the morning of the 19th. Thunderstorms moved into southeast Michigan ahead of the cold front shortly after midnight. A few of these storms produced damaging winds and large hail. The cold front broke a week-long period of record or near record high temperatures across the region.

Livingston County

3 NE Howell	21	1800EST			0	0	5K		Lightning
-------------	----	---------	--	--	---	---	----	--	-----------

Lightning struck the cap off the top of a well and followed the well-line into the basement of a nearby home. The bolt blew out a hole in the basement wall.

MICHIGAN, Extreme Southwest

NONE REPORTED.

MICHIGAN, North

Charlevoix County

3 SSW East Jordan	18	0900EST			0	0	15K		Thunderstorm Wind (G60)
-------------------	----	---------	--	--	---	---	-----	--	-------------------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm	
					Killed	Injured	Property	Crops		
<u>MICHIGAN, North</u>										
			Barn roof blown off.							
Manistee County										
Manistee	18	0900EST			0	0			Thunderstorm Wind (G50)	
			Trees and power lines down.							
Benzie County										
Frankfort	18	0910EST			0	0			Thunderstorm Wind (G50)	
			Several trees and power lines down.							
Manistee County										
Kaleva	18	0915EST			0	0			Thunderstorm Wind (G50)	
Grand Traverse County										
Kingsley	18	0926EST			0	0	15K		Thunderstorm Wind (G60)	
			Roof blown off building							
Grand Traverse County										
Old Mission	18	0926EST			0	0	125K		Lightning	
			Home destroyed by fire caused by lightning strike.							
Antrim County										
Kewadin	18	0930EST			0	0			Thunderstorm Wind (G50)	
Charlevoix County										
1 E Ironton	18	0930EST			0	0			Hail(1.00)	
Emmet County										
Petoskey	18	0940EST			0	0			Hail(0.75)	
Kalkaska County										
Kalkaska	18	0942EST			0	0			Thunderstorm Wind (G50)	
			Several trees and power lines down.							
Antrim County										
Mancelona	18	1000EST			0	0			Thunderstorm Wind (G50)	
			2 trees down.							
Otsego County										
9 SSW Gaylord	18	1005EST			0	0			Thunderstorm Wind (G50) ^M	
Crawford County										
Frederic	18	1007EST			0	0			Thunderstorm Wind (G50)	
			Numerous trees down.							
Montmorency County										
7 NNW Lewiston	18	1025EST			0	0			Thunderstorm Wind (G50)	
			Several trees and power lines down.							
Montmorency County										
4 N Hillman	18	1045EST			0	0			Thunderstorm Wind (G50)	
			Several trees and power lines down.							
A line of thunderstorms raced from west to east across northern Lower Michigan during the mid and late morning hours of the 18th. This line of storms produced scattered reports of severe wind gusts and wind damage. In addition, isolated large hail reports were received.										
Kalkaska County										
20 E Kalkaska	18	1445EST			0	0			Thunderstorm Wind (G60)	
			Camper overturned.							
Crawford County										
Frederic	18	1454EST			0	0			Hail(0.75)	
Montmorency County										
7 NNW Lewiston	18	1530EST			0	0			Hail(1.75)	
Otsego County										
4 E Johannesburg	18	1530EST			0	0			Hail(1.75)	

Storm Data and Unusual Weather Phenomena

April 2002

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

MICHIGAN, North

Otsego County

Johannesburg	18	1545EST			0	0			Hail(1.25)
--------------	----	---------	--	--	---	---	--	--	------------

Isolated thunderstorms generated a few severe hail reports during the afternoon hours of the 18th.

Leelanau County

Suttons Bay	18	1920EST			0	0			Thunderstorm Wind (G50)
-------------	----	---------	--	--	---	---	--	--	-------------------------

Wexford County

Sherman	18	1921EST			0	0			Thunderstorm Wind (G50)
---------	----	---------	--	--	---	---	--	--	-------------------------

Several trees down.

Grand Traverse County

3 E Traverse City	18	1925EST			0	0			Thunderstorm Wind (G50)
-------------------	----	---------	--	--	---	---	--	--	-------------------------

Several large tree limbs down.

Antrim County

Kewadin	18	1940EST			0	0			Thunderstorm Wind (G55)
---------	----	---------	--	--	---	---	--	--	-------------------------

Roscommon County

3 SE Houghton Lake	18	1950EST			0	0			Thunderstorm Wind (G50)
--------------------	----	---------	--	--	---	---	--	--	-------------------------

Trees and power lines down.

Wexford County

Cadillac	18	1950EST			0	0			Thunderstorm Wind (G50)
----------	----	---------	--	--	---	---	--	--	-------------------------

Power pole snapped in half.

Wexford County

Sherman	18	1950EST			0	0			Thunderstorm Wind (G50)
---------	----	---------	--	--	---	---	--	--	-------------------------

Numerous trees down.

Missaukee County

Moddersville	18	2000EST			0	0			Thunderstorm Wind (G50)
--------------	----	---------	--	--	---	---	--	--	-------------------------

Several trees down.

Roscommon County

Countywide	18	2000EST			0	0			Thunderstorm Wind (G50)
------------	----	---------	--	--	---	---	--	--	-------------------------

Numerous trees down.

Roscommon County

3 SE Houghton Lake	18	2035EST			0	0			Thunderstorm Wind (G50)
--------------------	----	---------	--	--	---	---	--	--	-------------------------

Several trees down.

Oscoda County

Countywide	18	2100EST			0	0			Thunderstorm Wind (G50)
------------	----	---------	--	--	---	---	--	--	-------------------------

Numerous trees down.

Roscommon County

3 SE Houghton Lake	18	2115EST			0	0			Thunderstorm Wind (G50)
--------------------	----	---------	--	--	---	---	--	--	-------------------------

Numerous trees down.
Thunderstorms broke out ahead of a cold front that crossed northern Lower Michigan during the evening hours of the 18th. Numerous reports of downed trees and power lines were received as the thunderstorms moved through the region.

MICHIGAN, Upper

MIZ002>005-009>012

Ontonagon - Houghton - Baraga - Marquette - Gogebic - Iron - Dickinson - Menominee

12	0930EST	0	0	18.5M	Flood
20	1300EST				

The record setting snowfall in February and March set the stage for flooding in April. During February and March of 2002, north-central and western parts of Upper Michigan received over 100 inches of snowfall. The snow pack held over 11 inches of water. The snow quickly melted during a 6 day period, 11-17 April 2002, releasing all that water into the creeks, streams, rivers and lakes.

To exacerbate the situation, over 2 inches of rainfall occurred 10-12 April over much of Upper Michigan, and record high temperatures in the 70s and 80 were recorded on the 15th and 16th. During those two days, a dramatic snow melt occurred with nearly 2 feet of snow melting away. To complicate matters further, moderate rain during the morning of the 18th and severe

Storm Data and Unusual Weather Phenomena

April 2002

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

MICHIGAN, Upper

thunderstorms in the afternoon and evening dumped up to an additional 1 1/2 inches of water over an already saturated and flooded Upper Peninsula.

Following the rain and warm temperatures, streams and rivers began to rise and overflow. Many local and county roads were closed due to high water and several dams were in jeopardy of failing. Localized flooding of low lying areas was common across the western and central Upper Peninsula. Major flooding on rivers and lakes occurred in 8 Upper Michigan counties.

Gogebic County was the hardest hit. A state of emergency was declared by the Governor, and the county was later declared a disaster area. The towns of Ironwood and Wakefield sustained the greatest damage. Approximately 160 homes and businesses were affected by the rising waters. Major highways US-2, M-28, and M-64 were closed and 25 local and county roads were also closed due to high water. The Black, Montreal and Ontonagon Rivers all went above flood stage. A partial failure of the Presque Isle Wildlife Dam occurred on the Presque Isle River. Heavy rains and rapid melting of the snowpack this spring contributed to the collapse of a 10 foot wide section of the earthen portion of the dam. This partial failure caused increased flows on the Presque Isle River through the town of Marenisco, 2 miles downstream.

In Marquette County, rising levels on the Chocolay, Peshekee, Escanaba and Michigamme Rivers forced people from their homes and camps. Hundreds of houses experienced water damage in their basements and dozens of homes had water in their first floor. The high water and increased flow on the Carp River washed out a 65 foot section of highway M-553, closing the road until a new bridge can be built.

In Ontonagon County, highway M-28 was closed for 3 days near Bergland and Merriweather due to high water, and many secondary roads were closed because of flooding and wash outs from flooding creeks and streams.

Baraga and Houghton Counties experienced flooding on the Sturgeon River and other smaller creeks and streams with flooding of some local roads and structures. Menominee, Dickinson and Iron Counties had flooding along the Montreal River. Local roads were flooded and some homes and businesses had to be evacuated due to rising water.

Flood waters began to recede and river levels fell sharply over the weekend of April 20.

Gogebic County 2 S Marenisco

17	1102CST 1630CST	0	0	Flash Flood
-----------	----------------------------	----------	----------	--------------------

A Flash Flood Warning was issued due to the partial failure of the Presque Isle Wildlife Dam on the Presque Isle River. Heavy rains and rapid melting of the snowpack this spring contributed to the collapse of a 10 foot wide section of the earthen portion of the dam. This partial failure caused increased flows on the Presque Isle River through the town of Marenisco, 2 miles downstream.

Menominee County Cedar River

18	1410CST	0	0	Hail(1.00)
-----------	----------------	----------	----------	-------------------

1 inch diameter hail was reported.

Gogebic County 18 SW Watersmeet

18	1555CST	0	0	Thunderstorm Wind (G65)
-----------	----------------	----------	----------	--------------------------------

Trees were blown down along Thousand Island Lake.

Gogebic County 6 NE Marenisco

18	1635CST	0	0	Hail(0.88)
-----------	----------------	----------	----------	-------------------

Nickel sized hail was reported.

Gogebic County Marenisco

18	1640CST	0	0	Hail(0.75)
-----------	----------------	----------	----------	-------------------

3/4 inch hail was reported.

Gogebic County Marenisco

18	1705CST	0	0	Hail(0.75)
-----------	----------------	----------	----------	-------------------

3/4 inch hail was reported.

Ontonagon County Bruce Crossing

18	1720EST	0	0	Hail(0.75)
-----------	----------------	----------	----------	-------------------

3/4 inch diameter hail was reported.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>MICHIGAN, Upper</u>									
Houghton County 3 W Kenton	18	1730EST			0	0			Hail(0.88) Nickel sized hail was reported.
Ontonagon County Agate	18	1730EST			0	0			Hail(1.00) 1 inch diameter hail was reported.
Houghton County 5 NE Nisula	18	1750EST			0	0			Hail(0.88) Nickel sized hail was reported.
Baraga County Pelkie	18	1800EST			0	0			Hail(1.00) 1 inch hail was reported.
Baraga County Pelkie	18	1800EST			0	0			Hail(1.00) 1 inch diameter hail was reported.
Ontonagon County 4 S Mass	18	1815EST			0	0			Hail(1.75) Golfball sized hail was reported.
Baraga County 2 N Keweenaw Bay	18	1820EST			0	0			Hail(0.88) Nickel sized hail was reported.
Houghton County 3 NE Nisula	18	1829EST			0	0			Hail(0.75) 3/4 inch hail was reported.
Ontonagon County 6 SE Rockland	18	1840EST			0	0			Hail(1.50) 1 1/2 inch diameter hail was reported.
Baraga County 2 N Pelkie	18	1845EST			0	0			Hail(1.50) 1 1/2 inch diameter hail was reported.
Houghton County Tapiola	18	1845EST			0	0			Hail(1.00) 1 inch diameter hail was reported.
Ontonagon County 4 S Mass	18	1850EST			0	0			Hail(1.75) Golfball sized hail was reported.
Ontonagon County 2 SE Mass	18	1855EST			0	0			Hail(1.50) 1 1/2 inch diameter hail was reported.
Alger County Au Train	18	1925EST			0	0			Thunderstorm Wind (G60) 6 inch diameter fir tree blown down.
Marquette County 6 S Gwinn	18	1935EST			0	0			Hail(0.88) Nickel sized hail was reported.
Houghton County 7 N Hancock	18	2150EST			0	0			Hail(1.00) 1 inch diameter hail was reported.

On April 18, as a low pressure system moved toward Michigan's Upper Peninsula from the northern plains, scattered morning showers gave way to afternoon sunshine. Temperatures in the warm air ahead of the storm system rose into the 70s. The strong surface heating and the approach of the warm front ahead of the low initiated severe thunderstorms over west and central Upper Michigan late in the day and into the night.

Storm Data and Unusual Weather Phenomena

April 2002

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

MICHIGAN, Upper

Houghton County

3 N Atlantic Mine	24	0630EST			0	0			Hail(0.75)
-------------------	----	---------	--	--	---	---	--	--	------------

Penny sized hail reported.

Ontonagon County

20 NE Ontonagon	24	0630EST			0	0			Hail(0.75)
-----------------	----	---------	--	--	---	---	--	--	------------

Penny sized hail reported.

On April 24, a southwest flow pushed moist, unstable air over Upper Michigan. Scattered showers and thunderstorms developed by early morning over the west half of the Upper Peninsula, and a few of the thunderstorms became severe.

MIZ005>006-011>013

Marquette - Alger - Dickinson - Menominee - Delta

28	0500EST	1100EST			0	0			Heavy Snow
----	---------	---------	--	--	---	---	--	--	------------

A late winter storm system from the central plains passed south of Michigan's Upper Peninsula on April 28, dropping up to 10 inches of heavy, wet snow over parts of the southern and central Upper Peninsula before dawn. Iron Mountain and Wetmore reported 10 inches of new snow, 9 1/2 inches fell in Skandia, and 8 to 9 inches were reported at Bark River, Carney, and in northeast Delta County. The weight of the snow broke trees and branches and interrupted power and telephone service in Menominee and Dickinson Counties.

MICHIGAN, West

Mason County

Fountain to Ludington	18	1855EST			0	0	10K		Thunderstorm Wind (G53)
-----------------------	----	---------	--	--	---	---	-----	--	-------------------------

Oceana County

Pentwater	18	1935EST			0	0	10K	10K	Hail(1.00)
-----------	----	---------	--	--	---	---	-----	-----	------------

Lake County

Nirvana	18	1950EST			0	0	1K		Thunderstorm Wind (G53)
---------	----	---------	--	--	---	---	----	--	-------------------------

Oceana County

Hesperia	18	2015EST			0	0	5K		Thunderstorm Wind (G53)
----------	----	---------	--	--	---	---	----	--	-------------------------

Newaygo County

White Cloud	18	2025EST			0	0	5K		Thunderstorm Wind (G53)
-------------	----	---------	--	--	---	---	----	--	-------------------------

Clare County

Clare	18	2130EST			0	0		5K	Hail(0.75)
-------	----	---------	--	--	---	---	--	----	------------

Isabella County

Winn	18	2135EST			0	0	5K		Thunderstorm Wind (G53)
------	----	---------	--	--	---	---	----	--	-------------------------

Kent County

Grandville to Cascade	18	2150EST			0	0	2K		Hail(0.75)
-----------------------	----	---------	--	--	---	---	----	--	------------

Mason County

Ludington	18	2245EST			0	0	5K	5K	Hail(1.00)
-----------	----	---------	--	--	---	---	----	----	------------

Oceana County

Hesperia	18	2340EST			0	0	5K		Thunderstorm Wind (G53)
----------	----	---------	--	--	---	---	----	--	-------------------------

Muskegon County

Montague to Muskegon	18	2345EST			0	0	10K	5K	Hail(0.88)
----------------------	----	---------	--	--	---	---	-----	----	------------

Newaygo County

Grant	18	2345EST			0	0	2K		Thunderstorm Wind (G53)
-------	----	---------	--	--	---	---	----	--	-------------------------

Osceola County

Tustin to Le Roy	18	2350EST			0	0	5K		Thunderstorm Wind (G53)
------------------	----	---------	--	--	---	---	----	--	-------------------------

Severe thunderstorms produced numerous reports of downed trees, power lines and hail. A car drove into a downed tree 3 miles

Storm Data and Unusual Weather Phenomena

April 2002

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

northwest of Hesperia (Oceana county). There were no injuries or fatalities. The hail was anywhere from three quarters of an inch to an inch in diameter. Spotters and law enforcement reported that many trees were blown down, but they did not cause any significant property damage or injuries or fatalities.

MINNESOTA, Central and South Central

Stevens County									
Chokio	16	1740CST			0	0			Hail(0.75)
Yellow Medicine County									
Canby	16	1745CST			0	0			Hail(1.00)
Lac Qui Parle County									
Dawson	16	1820CST			0	0			Hail(1.00)
Yellow Medicine County									
9 NW Granite Falls	16	1855CST 1900CST			0	0			Hail(0.75)
Chippewa County									
1 N Wegdahl	16	1900CST Ground white.			0	0			Hail(0.88)
Pope County									
3 W Gilchrist	16	1910CST Shingles torn off residential roof. Two trees down.			0	0			Thunderstorm Wind (G55)
Swift County									
Clontarf	16	1910CST			0	0			Hail(1.50)
Swift County									
1 NW Swift Falls	16	1915CST Roof off barn.			0	0			Thunderstorm Wind (G60)
Chippewa County									
Clara City	16	1920CST			0	0			Hail(0.75)
Brown County									
2 N Springfield	16	1940CST Shingles off roof.			0	0			Thunderstorm Wind (G50)
Redwood County									
6 SE Clements	16	1940CST Shingles off roof.			0	0			Thunderstorm Wind (G50)
Martin County									
Dunnell	16	1945CST Shingles off roof. Large tree limbs down.			0	0			Thunderstorm Wind (G55)
Kandiyohi County									
Willmar	16	1955CST			0	0			Hail(1.00)
Stearns County									
Sauk Centre	16	1955CST Numerous trees down in Sinclair Lewis Park.			0	0			Thunderstorm Wind (G55)
Todd County									
7 SSW Staples	16	1955CST 2005CST			0	0			Hail(0.88)
Morrison County									
2 N Camp Ripley	16	2000CST			0	0			Hail(0.88)
Faribault County									
Blue Earth	16	2005CST Tree down on car.			0	0	5K		Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

April 2002

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									
2 W Hector	16	2005CST			0	0			Hail(0.75)
Stearns County									
2 E Paynesville	16	2015CST			0	0			Hail(0.75)
Stearns County									
Brooten	16	2030CST			0	0			Thunderstorm Wind (G55)
		Trees down.							
Stearns County									
St Cloud	16	2038CST			0	0			Thunderstorm Wind (G52) ^M
		Wind measured at St. Cloud State University.							
Morrison County									
5 NNW Camp Ripley Jct	16	2040CST			0	0			Thunderstorm Wind (G55)
		Two trees down.							
Benton County									
Sartell	16	2045CST			0	0	25K		Thunderstorm Wind (G65)
		Roof of paper mill blown 100 feet away.							
Stearns County									
St Martin	16	2045CST			0	0			Thunderstorm Wind (G55)
		Trees down.							
Benton County									
3 E Sauk Rapids	16	2046CST			0	0	17K		Thunderstorm Wind (G60)
		Roof partially ripped off and blown 100 feet away.							
Morrison County									
3 SW Randall	16	2048CST			0	0			Thunderstorm Wind (G55)
		Roof partially off pole barn.							
Stearns County									
4 N Fairhaven	16	2050CST			0	0			Hail(0.75)
Wright County									
5 S Clearwater	16	2058CST			0	0			Hail(0.75)
Benton County									
1 N Duelm	16	2110CST			0	0			Thunderstorm Wind (G50)
		Tree down.							
Chippewa County									
1 N Clara City	17	2346CST			0	0			Hail(2.75)
Blue Earth County									
Mankato	18	0005CST			0	0			Hail(0.75)
Kandiyohi County									
10 N Willmar	18	0007CST			0	0			Hail(1.00)
Yellow Medicine County									
Hanley Falls	18	0020CST			0	0			Hail(1.00)
Renville County									
Bird Island	18	0030CST			0	0			Hail(0.75)
Renville County									
Hector	18	0030CST			0	0			Hail(0.75)
Sherburne County									
Elk River	18	0030CST			0	0			Hail(0.88)
Sibley County									
4 N Gaylord	18	0045CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Stearns County									
1 NW Kimball	18	0045CST			0	0			Hail(0.75)
Carver County									
Waconia	18	0055CST			0	0			Hail(0.75)
Meeker County									
Dassel	18	0055CST			0	0			Hail(0.75)
Wright County									
Buffalo	18	0055CST			0	0			Hail(1.50)
Sibley County									
Arlington	18	0059CST			0	0			Hail(1.75)
Renville County									
1 N Churchill	18	0100CST			0	0			Hail(0.75)
Sherburne County									
1 S Zimmerman	18	0100CST			0	0			Hail(0.75)
Blue Earth County									
Mapleton	18	0104CST			0	0			Hail(1.75)
Isanti County									
10 W Cambridge	18	0105CST			0	0			Hail(1.00)
Renville County									
Danube	18	0108CST			0	0			Hail(1.00)
Isanti County									
West Pt	18	0110CST			0	0			Hail(2.00)
Kandiyohi County									
Willmar	18	0110CST			0	0			Hail(1.00)
Nicollet County									
St Peter	18	0110CST			0	0			Hail(1.50)
Wright County									
Buffalo	18	0110CST			0	0			Hail(1.50)
Sibley County									
5 N Gaylord	18	0115CST			0	0			Hail(1.00)
Le Sueur County									
St Henry	18	0125CST			0	0			Hail(1.00)
Douglas County									
3 SW Evansville	18	0130CST			0	0			Hail(0.75)
Hennepin County									
Plymouth	18	0130CST			0	0			Hail(1.00)
Le Sueur County									
3 NE St Thomas	18	0135CST			0	0			Hail(0.88)
Renville County									
Churchill	18	0139CST			0	0			Hail(0.75)
Carver County									
Hamburg	18	0143CST			0	0			Hail(1.00)
Scott County									
3 S Jordan	18	0144CST			0	0			Hail(0.75)
Mcleod County									
5 NW Hutchinson	18	0145CST			0	0			Hail(0.75)
Meeker County									
1 E Cedar Mills	18	0145CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>MINNESOTA, Central and South Central</u>									
Meeker County									
Cedar Mills	18	0150CST			0	0			Hail(0.88)
Meeker County									
2 E Dassel	18	0150CST			0	0			Hail(1.00)
Scott County									
Shakopee	18	0200CST			0	0			Hail(0.88)
Douglas County									
3 N Evansville	18	0207CST			0	0			Hail(0.75)
Mcleod County									
3 E Hutchinson	18	0210CST			0	0			Hail(0.75)
Scott County									
Savage	18	0210CST			0	0			Hail(1.00)
Dakota County									
Burnsville	18	0212CST			0	0			Hail(0.75)
Mcleod County									
Silver Lake	18	0214CST			0	0			Hail(1.00)
Carver County									
Waconia	18	0215CST			0	0	35K		Thunderstorm Wind (G60)
			Roof of old city hall partially peeled back. Few trees down.						
Isanti County									
Isanti	18	0215CST			0	0			Hail(0.75)
Wright County									
4 S Cokato	18	0215CST			0	0			Hail(1.75)
Anoka County									
Bethel	18	0220CST			0	0			Hail(0.75)
Mcleod County									
1 NW Glencoe to 3 ENE Glencoe	18	0220CST			0	0	60K		Thunderstorm Wind (G65)
			Storage barn knocked off foundation. Shingles and portion of tin roof partially blown off. High school football bleachers blown over. Several trees down, including one on car.						
Dakota County									
Burnsville	18	0221CST			0	0			Hail(1.00)
Dakota County									
Burnsville	18	0224CST			0	0			Hail(1.75)
Hennepin County									
Msp Intl Arpt	18	0224CST			0	0			Hail(0.75)
Mcleod County									
Winsted	18	0225CST			0	0			Hail(0.88)
Todd County									
Bertha	18	0225CST			0	0			Hail(0.75)
Ramsey County									
St Paul	18	0230CST			0	0			Hail(1.00)
			I-94 and Ruth.						
Dakota County									
Apple Vly	18	0232CST 0240CST			0	0			Hail(1.50)
Dakota County									
Lakeville	18	0232CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

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

MINNESOTA, Central and South Central

Wright County									
Howard Lake	18	0240CST			0	0			Hail(1.00)
Dakota County									
Eagan	18	0245CST			0	0			Hail(0.75)
Washington County									
Cottage Grove	18	0245CST			0	0			Hail(0.75)
Anoka County									
Ramsey	18	0250CST			0	0			Hail(0.75)
Dakota County									
Burnsville	18	0300CST			0	0			Hail(1.00)
Dakota County									
Apple Vly	18	0305CST 0310CST			0	0			Hail(1.25)
Ramsey County									
North St Paul	18	0305CST			0	0			Hail(0.75)
Dakota County									
Inver Grove Heights	18	0309CST			0	0			Hail(2.00)
Dakota County									
South St Paul	18	0309CST			0	0			Hail(2.00)
Hennepin County									
New Hope	18	0318CST			0	0			Hail(1.00)
Washington County									
Lake Elmo	18	0325CST			0	0			Hail(0.88)
Dakota County									
Burnsville	18	0330CST			0	0			Hail(1.00)
Dakota County									
Eagan	18	0330CST			0	0			Hail(1.00)
Ramsey County									
Maplewood	18	0330CST			0	0			Hail(0.75)

MINNESOTA, Northeast

Koochiching County									
International Falls	16	0025CST			0	0			Hail(0.75)
Cass County									
8 S Cass Lake	16	2055CST			0	0			Hail(0.88)
Crow Wing County									
Cross Lake	16	2100CST			0	0			Thunderstorm Wind (G50)
Numerous trees were reported blown down across the northern part of the county.									
Cass County									
Remer	16	2130CST			0	0			Thunderstorm Wind (G50)
Three inch diameter tree limbs were blown down.									
Itasca County									
Warba	16	2135CST			0	0			Hail(0.75)
Aitkin County									
5 S Hill City	16	2200CST			0	0			Thunderstorm Wind (G50)
Trees were blown down on Highway 169.									
Itasca County									
Pengilly	16	2207CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

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

MINNESOTA, Northeast

Itasca County

Marcell 16 2219CST 0 0 **Thunderstorm Wind (G50)**
Trees were blown down.

St. Louis County

Hibbing 16 2220CST 0 0 **Hail(0.75)**

Itasca County

Warba 16 2230CST 0 0 **Thunderstorm Wind (G50)**
One foot diameter tree was blown down and garage door was blown in.

St. Louis County

Hibbing 16 2247CST 0 0 **Thunderstorm Wind (G50)**
Trees were blown down.

St. Louis County

Hibbing 16 2252CST 0 0 **Hail(0.75)**

MINNESOTA, Northwest

MNZ001>005-007>008-013>015-022-027-029>030-040 **West Polk - Norman - Clay - Kittson - Roseau - West Marshall - East Marshall - Pennington - Red Lake - East Polk - Mahnomon - West Becker - Wilkin - West Otter Tail - Grant**

06 0845CST
1713CST 0 0 **High Wind (G51)^M**

Strong south winds, many finely plowed bare dirt fields, and a dry late March and early April combined to produce areas of visibility around a quarter mile in blowing dust. The strongest wind speed was measured by a MNDOT RWIS site at Halstad.

Otter Tail County

3 N Elizabeth 16 1920CST 0 0 **Hail(0.75)**

Hubbard County

1 S Laporte 16 2040CST 0 0 **Hail(0.75)**

Hubbard County

1 S Laporte 16 2040CST 0 0 **Thunderstorm Wind (G61)**

Lake Of The Woods County

Baudette 16 2200CST 0 0 0.50K **Thunderstorm Wind**
Tree limbs were blown down.

Grant County

2 SE Barrett 18 0100CST 0 0 **Hail(0.75)**

Otter Tail County

3 E Urbank 18 0200CST 0 0 **Hail(0.75)**

Otter Tail County

Fergus Falls 18 0400CST 0 0 5K **Lightning**
Lightning struck a power pole and started a fire. This knocked out electrical service to a portion of Fergus Falls.

Polk County

6 N Crookston 23 1905CST 0 0 **Hail(0.75)**

Red Lake County

Dorothy 23 1924CST 0 0 **Hail(1.00)**

Pennington County

10 W St Hilaire 23 1930CST 0 0 **Hail(0.75)**

Pennington County

3 NW St Hilaire 23 1950CST 0 0 **Hail(0.75)**

Marshall County

12 SE Holt 23 2000CST 0 0 **Hail(0.75)**

Storm Data and Unusual Weather Phenomena

April 2002

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

MINNESOTA, Northwest

Marshall County

Newfolden	23	2101CST			0	0			Hail(0.75)
Clay County									
5 W Felton	23	2300CST			0	0	0.50K		Thunderstorm Wind

A stack of large round haybales was scattered in the strong wind.

Norman County

6 W Ada	23	2313CST			0	0			Thunderstorm Wind (G56) ^M
---------	----	---------	--	--	---	---	--	--	--------------------------------------

A 65 mph wind gust was measured by a MNDOT RWIS near Ada.

MN2003

Clay	23	2329CST			0	0			High Wind (G50) ^M
-------------	----	---------	--	--	---	---	--	--	------------------------------

A 58 mph wind gust was measured by a MNDOT RWIS site east of Moorhead.

MN2029>030

Wilkin - West Otter Tail	24	0026CST 0056CST			0	0			High Wind (G52) ^M
---------------------------------	----	--------------------	--	--	---	---	--	--	------------------------------

Both the Fergus Falls airport and a MNDOT RWIS site near Tenney measured 60 mph wind gusts.

MINNESOTA, Southeast

Mower County

5 NE Austin	18	1535CST			0	0			Hail(0.75)
-------------	----	---------	--	--	---	---	--	--	------------

Olmsted County

7 W Stewartville	18	1551CST			0	0			Hail(0.75)
------------------	----	---------	--	--	---	---	--	--	------------

Olmsted County

Rochester	18	1600CST			0	0			Hail(0.75)
-----------	----	---------	--	--	---	---	--	--	------------

Wabasha County

Elgin	18	1616CST			0	0			Hail(0.88)
-------	----	---------	--	--	---	---	--	--	------------

Wabasha County

Elgin	18	1616CST			0	0			Thunderstorm Wind (G52)
-------	----	---------	--	--	---	---	--	--	-------------------------

Wabasha County

Plainview	18	1624CST			0	0			Hail(1.00)
-----------	----	---------	--	--	---	---	--	--	------------

Fillmore County

Harmony	18	1710CST			0	0			Hail(1.75)
---------	----	---------	--	--	---	---	--	--	------------

Winona County

Wilson	18	1714CST			0	0			Hail(1.00)
--------	----	---------	--	--	---	---	--	--	------------

Fillmore County

Harmony	18	1718CST			0	0			Hail(1.25)
---------	----	---------	--	--	---	---	--	--	------------

Winona County

2 S Winona	18	1724CST			0	0			Hail(1.25)
------------	----	---------	--	--	---	---	--	--	------------

Houston County

5 N Caledonia	18	1740CST			0	0			Hail(1.00)
---------------	----	---------	--	--	---	---	--	--	------------

Several reports of large hail were received from storm spotters and law enforcement officials, with sizes ranging from dimes to golf balls.

MINNESOTA, Southwest

Lincoln County

1 S Hendricks	13	1830CST			0	0			Hail(0.88)
---------------	----	---------	--	--	---	---	--	--	------------

Rock County

2 S Beaver Creek	13	1845CST			0	0			Hail(0.75)
------------------	----	---------	--	--	---	---	--	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

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

MINNESOTA, Southwest

Rock County 3 N Hills	13	1853CST			0	0			Hail(0.75)
Lincoln County Lake Benton	16	1800CST			0	0			Hail(0.75)
Lincoln County 10 SW Ivanhoe	16	1810CST			0	0			Hail(0.75)
Nobles County Adrian	16	1830CST			0	0	200K		Thunderstorm Wind (G52) Thunderstorm winds caused tree damage, including at least one large tree blown down onto part of a house. The winds also blew down an Interstate sign.
Nobles County Dundee	16	1845CST			0	0	100K		Thunderstorm Wind (G74) Thunderstorm winds blew the roof off a building, severely buckled an elevator bin, and caused tree damage.
Nobles County (Otg)Worthington Arp	16	1855CST			0	0			Thunderstorm Wind (G55) ^M
Nobles County Reading	16	1855CST			0	0			Thunderstorm Wind (G74)
Murray County Slayton	16	1845CST			0	0	50K		Thunderstorm Wind (G61) Thunderstorm winds blew the roof off a building, damaged trees and road signs, and blew a semi trailer on its side.
Lyon County 1 E Marshall	16	1855CST			0	0			Hail(0.88)
Lyon County Tracy	16	1855CST			0	0	20K		Thunderstorm Wind (G52) Thunderstorm winds caused tree and roof damage.
Lyon County 4 S Ghent	16	1900CST			0	0			Hail(0.75)
Jackson County Lakefield	16	1912CST			0	0			Thunderstorm Wind (G69) ^M
Cottonwood County Storden	16	1925CST			0	0	50K		Thunderstorm Wind (G61) Thunderstorm winds blew the roof off a vehicle repair shop. The roof knocked down power lines when it fell, causing a power outage.
Lyon County Lynd	17	2337CST			0	0			Hail(0.88)
Lyon County 2 NE Lynd	17	2341CST			0	0			Hail(0.75)
MNZ071>072-080>081-089>090-097>098									Lincoln - Lyon - Murray - Cottonwood - Nobles - Jackson - Pipestone - Rock
	20	2300CST			0	0			Heavy Snow
	21	1000CST							A late season wet snowfall accumulated four to eight inches and disrupted travel.

MINNESOTA, West

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

April 2002

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, West Central</u>									
Big Stone County									
6 W Artichoke	16	1750CST			0	0			Hail(0.88)
MNZ039-046									
Traverse - Big Stone	24	0005CST 0130CST			0	0			High Wind (G52) ^M
<u>MISSISSIPPI, Central</u>									
Warren County									
Vicksburg to Bovina	08	0330CST			0	0	10K		Tstm Wind/Hail
									Non-severe thunderstorms produced wind gusts to 40 mph across portions of the county. Minor roof damage occurred at a restaurant in Vicksburg. Several trees and limbs were also knocked down from Vicksburg to Bovina.
Madison County									
3 NW Madison	08	0336CST			0	0			Hail(0.75)
Madison County									
Madison	08	0530CST			0	0	1K		Tstm Wind/Hail
									Non-severe thunderstorms knocked a tree down onto the Natchez Trace Parkway near a point just south of the Highway 43 interchange in Madison County. Later that morning, a fatality occurred indirectly as a motorist traveling the Parkway slammed into the fallen tree.
Simpson County									
Harrisville	08	0530CST			0	0	1K		Thunderstorm Wind
									A few trees were blown down in and around town.
Scott County									
2 N Morton	08	0545CST			0	0	1K		Thunderstorm Wind
									A couple of trees were blown down along Highway 481.
Lawrence County									
Countywide	08	1215CST			0	0	1K		Thunderstorm Wind
									Large limbs were blown down across several roads throughout the county.
Simpson County									
D Lo	08	1225CST			0	0	1K		Thunderstorm Wind
									Several trees were blown down from Jupiter Rd to near Campbell Creek Rd north of the Strong River.
Jefferson Davis County									
Bassfield	08	1300CST			0	0	5K		Thunderstorm Wind
									A shed behind a daycare was completely destroyed. Many trees were blown down in and around town as well.
Scott County									
Countywide	08	1320CST			0	0	1K		Thunderstorm Wind
									A few trees were blown down.
Covington County									
Countywide	08	1330CST			0	0	1K		Thunderstorm Wind
									A few trees were blown down.
Neshoba County									
2 NE Philadelphia	08	1336CST			0	0	1K		Thunderstorm Wind
									A few trees were knocked down.
Newton County									
Newton	08	1340CST			0	0	1K		Thunderstorm Wind
									Several trees were blown down on Liberty Church Rd in town.
Smith County									
Raleigh	08	1340CST			0	0	1K		Thunderstorm Wind
									Numerous trees were blown down around town and across portions of the county.
Jasper County									
Stringer	08	1350CST			0	0	5K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSISSIPPI, Central</u>									
A tin roof was peeled off a barn. Several trees were blown down as well.									
Lamar County Purvis	08	1400CST			0	0	1K		Thunderstorm Wind
A few trees were knocked down across the county.									
Marion County 4 W Columbia	08	1400CST			0	0	1K		Thunderstorm Wind
Several trees were blown down.									
Winston County Boon	08	1400CST			0	0	1K		Thunderstorm Wind
Several trees were blown down across eastern portions of the county.									
Kemper County Preston	08	1410CST			0	0	2K		Thunderstorm Wind
Numerous trees and powerlines were blown down near town and along Highway 495.									
Oktibbeha County 3 E Starkville	08	1410CST			0	0	1K		Thunderstorm Wind
Several trees were blown down across eastern portions of the county.									
Forrest County Hattiesburg	08	1415CST			0	0	1K		Thunderstorm Wind
Several trees were blown down between Camp Shelby and Hattiesburg.									
Lauderdale County Meridian	08	1415CST			0	0	1K		Thunderstorm Wind
Several trees were blown down across town.									
Kemper County Countywide	08	1425CST			0	0	1K		Thunderstorm Wind
Several trees and powerlines were blown down across the county.									
Noxubee County Shuqualak	08	1425CST			0	0	1K		Thunderstorm Wind
Several trees and powerlines were blown down across southern portions of the county.									
Clay County 2 SE West Pt	08	1430CST			0	0	50K		Thunderstorm Wind
Damaging straightline winds peeled back 3 roofs on homes in the area. A barn was also destroyed. Several trees and powerlines were blown down along Highway 50.									
Jones County 15 S Laurel	08	1430CST			0	0	1K		Thunderstorm Wind
Several trees were blown down across southern portions of the county.									
Lowndes County Columbus	08	1440CST			0	0	3K		Thunderstorm Wind
One traffic light blown down in town. Numerous trees and powerlines were knocked down onto city and county roads by damaging, straightline winds.									
Lauderdale County Meridian	08	1450CST			0	0	10K		Thunderstorm Wind
Roof on a home was severely damage. Several trees and powerlines were blown down across the city.									
Lowndes County Columbus	08	1505CST			0	0	10K		Thunderstorm Wind
A roof on a building in the city was damaged.									
Leflore County Morgan City	29	0005CST			0	0	1K		Tstm Wind/Hail
A few trees down in and around town. Pea sized hail also fell.									
Carroll County Black Hawk	29	0025CST			0	0	1K		Hail(1.00)
Quarter-sized hail fell in and around town. A few trees were also blown down.									

Storm Data and Unusual Weather Phenomena

April 2002

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

MISSISSIPPI, Central

Jasper County

4 W Moss	29	0130CST			0	0	20K		Thunderstorm Wind
----------	----	---------	--	--	---	---	-----	--	-------------------

Damaging, straight-line winds caused heavy damage to several chicken house and to a barn.

Clarke County

Shubuta	29	1410CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Bolivar County

Scott	29	1730CST			0	0			Hail(0.75)
-------	----	---------	--	--	---	---	--	--	------------

Clay County

West Pt	30	1505CST			0	0	1K		Thunderstorm Wind (G52)
---------	----	---------	--	--	---	---	----	--	-------------------------

Several trees blown down across northern portions of the county.

Lowndes County

4 NE (Cbm)Columbus A (Cbm)Columbus Afb	30	1527CST			0	0	50K		Thunderstorm Wind (G86) ^M
---	----	---------	--	--	---	---	-----	--	--------------------------------------

Destructive, straight-line winds from a severe squall line knocked down several trees and power lines across northern portions of the county. FMQ-13 wind equipment at the Air Force Base measured winds gusting upwards to 100 mph. As a result of the extreme winds, several buildings in and around the AFB sustained damage. Finally, hail up to the size of quarters fell across the same area. The wind driven hail resulted in damage to numerous vehicles parked outside when the storm hit.

MISSISSIPPI, North

Monroe County

Aberdeen	08	1300CST 1305CST			0	0	10K		Thunderstorm Wind
----------	----	--------------------	--	--	---	---	-----	--	-------------------

Several trees and power lines were blown down.

De Soto County

Horn Lake	24	2045CST 2050CST			0	0	0.05K		Hail(0.88)
-----------	----	--------------------	--	--	---	---	-------	--	------------

De Soto County

Olive Branch	24	2045CST 2050CST			0	0	1K		Thunderstorm Wind
--------------	----	--------------------	--	--	---	---	----	--	-------------------

One large tree was knocked down.

Panola County

Sardis	24	2145CST 2150CST			0	0	1K		Thunderstorm Wind
--------	----	--------------------	--	--	---	---	----	--	-------------------

One large tree was blown down.

Tippah County

Walnut	28	1845CST 1850CST			0	0	0.10K		Hail(1.00)
--------	----	--------------------	--	--	---	---	-------	--	------------

Lafayette County

Oxford	30	0710CST 0715CST			0	0	0.01K		Hail(0.75)
--------	----	--------------------	--	--	---	---	-------	--	------------

Lafayette County

Oxford	30	0710CST 0715CST			0	0	10K		Thunderstorm Wind
--------	----	--------------------	--	--	---	---	-----	--	-------------------

Some trees and power lines were blown down.

Tate County

New Town	30	1040CST 1045CST			0	0	5K		Thunderstorm Wind
----------	----	--------------------	--	--	---	---	----	--	-------------------

Several trees were blown down.

Pontotoc County

Pontotoc	30	1114CST 1120CST			0	0	0.05K		Hail(0.88)
----------	----	--------------------	--	--	---	---	-------	--	------------

Pontotoc County

Pontotoc	30	1130CST 1140CST			0	0	200K		Hail(0.88)
----------	----	--------------------	--	--	---	---	------	--	------------

Numerous cars were damaged by the hail. Five homes and three businesses were also damaged.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSISSIPPI, North</u>									
Pontotoc County									
Pontotoc	30	1130CST 1135CST			0	0	5K		Thunderstorm Wind
									A few trees were blown down.
Pontotoc County									
Pontotoc	30	1142CST 1145CST			0	0	0.06K		Hail(0.88)
Lee County									
Shannon to 1 S Shannon	30	1145CST 1155CST			0	0	0.01K		Hail(0.75)
Lee County									
Shannon to 1 S Shannon	30	1145CST 1155CST			0	0	50K		Thunderstorm Wind
									One mobile home was badly damaged. A barn and several uninhabited mobile home suffered some damage. Many trees and power lines were knocked down.
Monroe County									
New Wren to Aberdeen	30	1210CST 1215CST			0	0	7.5K		Hail(2.75)
Monroe County									
Amory	30	1230CST 1235CST			0	0	0.05K		Hail(0.88)
Marshall County									
Byhalia	30	1320CST 1325CST			0	0	0.10K		Hail(1.00)
De Soto County									
Olive Branch	30	1325CST 1330CST			0	0	0.01K		Hail(0.75)
Marshall County									
Potts Camp	30	1345CST 1350CST			0	0	0.05K		Hail(0.88)
Pontotoc County									
Randolph	30	1405CST 1410CST			0	0	5K		Thunderstorm Wind
									Several trees were blown down.
Pontotoc County									
Randolph	30	1410CST 1415CST			0	0	0.75K		Hail(1.75)
Lafayette County									
Tula	30	1420CST 1425CST			0	0	0.10K		Hail(1.00)
Union County									
New Albany	30	1425CST 1430CST			0	0	0.05K		Hail(0.88)
Pontotoc County									
Randolph	30	1445CST 1450CST			0	0	5K		Hail(2.00)
									Many trees in the area were stripped of their leaves.
Pontotoc County									
Gershorn to 3 SE Gershorn	30	1450CST 1455CST	3	25	0	0	1K		Tornado (F0)
									A small tornado touched down near the town of Gershorn and tracked southeast. Little damage occurred with the tornado.
Chickasaw County									
2 N Houlika to 5 NE Houlika	30	1455CST	4	25	0	0	5K		Tornado (F0)
									The same thunderstorm complex that produced a tornado in Pontotoc county also spawned a tornado in Chickasaw county. This tornado knocked some trees down across the northern part of the county as it tracked east-southeast.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSISSIPPI, North</u>									
Chickasaw County									
Okolona	30	1455CST 1500CST			0	0	0.75K		Hail(1.75)
Monroe County									
Becker	30	1515CST 1520CST			0	0	0.25K		Hail(1.25)
<u>MISSISSIPPI, South</u>									
Pike County									
Countywide	08	0530CST 0600CST			0	0	2K		Thunderstorm Wind
Several trees were blown down at various locations across the county									
Walthall County									
Countywide	08	1245CST 1315CST			0	0	5K		Thunderstorm Wind
Several trees and power lines were blown down at various locations around the county causing some damage to the roofs of homes.									
Pearl River County									
Countywide	08	1330CST 1435CST			0	0	15K		Thunderstorm Wind
Trees were blown down in various locations across the county.									
Pearl River County									
10 W Mc Neil to Crossroads	08	1345CST			0	0	1.5K		Thunderstorm Wind
Several trees were blown down in the Henleyfield area and power outages occurred from Henleyfield to Crossroads.									
Pearl River County									
1 W Caesar	08	1430CST 1439CST			0	0	1.5K		Thunderstorm Wind
Numerous trees were blown down in the J.D. Gill Road area.									
Hancock County									
Diamondhead Arpt	08	1430CST			0	0	10K		Thunderstorm Wind
Windows were blown out of a gas station along Interstate 10 and a portion of one wall of the building collapsed causing damage to two vehicles.									
Pearl River County									
Caesar	08	1430CST			0	0	10K		Thunderstorm Wind
Thunderstorm winds ripped the roofs off of a barn and trailer.									
<u>MISSISSIPPI, Southeast</u>									
Stone County									
Mc Henry	08	1445CST 1450CST			0	0	5K		Thunderstorm Wind (G65)
High thunderstorm winds downed trees from near Wiggins to McHenry.									
Stone County									
Wiggins to Mc Henry	08	1445CST 1447CST			0	0	10K		Thunderstorm Wind (G55)
Trees were blown down between Wiggins and McHenry as a line of thunderstorms moved through.									
Perry County									
New Augusta	08	1450CST 1452CST			0	0	10K		Thunderstorm Wind (G55)
Trees and power lines were blown down just west of New Augusta as a line of thunderstorms moved through the area.									
Greene County									
Mc Lain to Neely	08	1555CST 1558CST			0	0	100K		Thunderstorm Wind (G65)

Storm Data and Unusual Weather Phenomena

April 2002

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

MISSISSIPPI, Southeast

Numerous trees were blown down between Mclain and Neely as a line of thunderstorms moved through. Several manufactured homes suffered damage from the high winds and also from trees falling on the homes. Several of the trees also fell on vehicles. No injuries were reported.

George County

Agricola	08	1625CST 1627CST			0	0	7K		Thunderstorm Wind (G50)
----------	----	--------------------	--	--	---	---	----	--	-------------------------

Several trees were blown down near Agricola as a line of thunderstorms moved through.

MISSOURI, East

Ste. Genevieve County

St Marys	12	1525CST			0	0			Hail(0.75)
----------	----	---------	--	--	---	---	--	--	------------

Storm spotters reported 3/4 inch hail.

Shelby County

Bethel	14	1110CST 1120CST			0	0			Hail(1.00)
--------	----	--------------------	--	--	---	---	--	--	------------

The public reported 1 inch hail.

Marion County

Hannibal	14	1127CST			0	0			Hail(1.00)
----------	----	---------	--	--	---	---	--	--	------------

Marion County

Hannibal	14	1127CST			0	0			Hail(0.75)
----------	----	---------	--	--	---	---	--	--	------------

Hail up to 1 inch in diameter was reported by storm spotters and local law enforcement.

Pike County

Frankford	14	1130CST			0	0			Hail(1.75)
-----------	----	---------	--	--	---	---	--	--	------------

Storm spotters reported golfball size hail.

Marion County

1 SE Palmyra	14	1130CST			0	0			Hail(4.50)
--------------	----	---------	--	--	---	---	--	--	------------

Softball size hail fell just south of Palmyra. A Quincy television station obtained video of the hail. The hail consisted of smaller hailstones clumped together.

Lewis County

Steffenville	14	1140CST			0	0			Hail(1.00)
--------------	----	---------	--	--	---	---	--	--	------------

Lewis County

6 E Steffenville	14	1200CST			0	0			Hail(1.00)
------------------	----	---------	--	--	---	---	--	--	------------

Storm spotters reported 1 inch hail in and east of Steffenville.

Cole County

5 S Russellville	19	1654CST			0	0			Thunderstorm Wind (G51)
------------------	----	---------	--	--	---	---	--	--	-------------------------

Amateur radio spotters reported small trees down south of Russellville.

Lincoln County

Elsberry	19	1725CST			0	0			Thunderstorm Wind (G50)
----------	----	---------	--	--	---	---	--	--	-------------------------

Amateur radio spotters reported small trees down.

Franklin County

1 S Gerald	19	1730CST			0	0			Hail(1.00)
------------	----	---------	--	--	---	---	--	--	------------

The County Sheriff Department reported 1 inch hail just south of Gerald.

Gasconade County

Owensville	19	1740CST			0	0			Hail(0.75)
------------	----	---------	--	--	---	---	--	--	------------

The County Sheriff reported 3/4 inch hail.

Franklin County

New Haven	19	1745CST			0	0			Thunderstorm Wind (G55)
-----------	----	---------	--	--	---	---	--	--	-------------------------

Thunderstorm wind gusts downed a few trees in the New Haven area.

Franklin County

New Haven	19	1755CST			0	0			Thunderstorm Wind (G52)
-----------	----	---------	--	--	---	---	--	--	-------------------------

Thunderstorm wind gusts downed a few trees.

Storm Data and Unusual Weather Phenomena

April 2002

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. Charles County Boschertown	19	1815CST			0	0			Thunderstorm Wind (G52)
Amateur radio spotters reported power poles and lines down.									
St. Charles County Boschertown	19	1830CST 2100CST			0	0			Heavy Rain
St. Charles County Harvester	19	1830CST 2100CST			0	0			Heavy Rain
Heavy rain caused some localized flooding in Boschertown and Harvester. Some roads had as much as 15 inches of water on them for a short time.									
St. Louis County (Stl)Lambert Fld St	19	1901CST			0	0			Thunderstorm Wind (G52)
ASOS at Lambert St. Louis International Airport recorded a wind gust of 60 mph.									
St. Louis County Florissant	19	1905CST			0	0			Hail(0.88)
The County Emergency Management Agency reported nickel size hail.									
Shelby County Hunnewell	24	1050CST			0	0			Hail(1.75)
Storm spotters reported pea size hail clumped together to the size of golfballs.									
Knox County Edina	24	1130CST			0	0			Hail(1.75)
Knox County Newark	24	1130CST			0	0			Hail(1.00)
Storm spotters reported golfball size hail in Edina and 1 inch hail in Newark.									
Montgomery County Mc Kittrick	24	1400CST			0	0			Thunderstorm Wind (G50)
The County Sheriff Department reported a large tree down on Highway 19.									
Washington County 1 S Caledonia	24	1455CST 1458CST	1	75	0	0			Tornado (F1)



Tornado near Caledonia, MO. Photograph courtesy Fox 2 News, St. Louis, MO

Storm Data and Unusual Weather Phenomena

April 2002

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

MISSOURI, East

A tornado formed in southeast Washington County just south of Caledonia. The tornado formed in a wooded area then moved east to a home near Highway 21 and Buford Farm Road. An unoccupied mobile home was destroyed and several vehicles were severely damaged.

Iron County

Belleview

24	1455CST				0	0			Hail(0.88)
----	---------	--	--	--	---	---	--	--	------------

Storm spotters reported nickel size hail.

Jefferson County

High Ridge

24	1458CST				0	0			Hail(0.75)
----	---------	--	--	--	---	---	--	--	------------

The public reported 3/4 inch hail.

Iron County

Ironton

24	1514CST				0	0			Hail(1.00)
----	---------	--	--	--	---	---	--	--	------------

The County Sheriff Department reported 1 inch hail covered the ground.

Jefferson County

Kimmswick

24	1530CST				0	0			Hail(0.88)
----	---------	--	--	--	---	---	--	--	------------

The public reported nickel size hail.

Madison County

2 S Fredericktown

24	1543CST				0	0			Hail(0.75)
----	---------	--	--	--	---	---	--	--	------------

The County Emergency Management Agency reported 3/4 inch hail.

Madison County

9 S Fredericktown to Marquand

24	1545CST 1600CST	9	800		0	3			Tornado (F2)
----	--------------------	---	-----	--	---	---	--	--	--------------



A small home that was severely damaged by the tornado in Madison County, MO

A tornado hit Madison County, first causing damage about 9 miles south of Fredericktown along Highway 67. A mobile home was destroyed and a frame house lost its roof. The tornado moved east through a heavily wooded area uprooting and damaging trees. The tornado reached Marquand, a small town of about 400 people, about 4 pm and caused considerable damage. Large trees were uprooted or snapped off and nearly every structure in a 3 to 4 block area was damaged. The Fire Station was completely destroyed as was a restaurant that was next to it. Several other frame buildings lost all or parts of their roofs. A State Emergency Management Agency damage assessment reported that 6 homes were destroyed, 12 homes suffered major damage, and 22 homes had minor damage. There were 3 minor injuries reported.

Iron County

4 E Sabula

24	1609CST				0	0			Hail(1.00)
----	---------	--	--	--	---	---	--	--	------------

Storm spotters reported 1 inch hail.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>MISSOURI, East</u>									
MOZ027-036-052-061	Marion - Pike - Lincoln - St. Charles								
	27	1100CST			0	0			Flood
	30	2359CST							
	Heavy rain during the last week of April pushed the Mississippi River over its banks. The flooding was relatively minor but continued and worsened into May.								
Callaway County									
New Bloomfield	27	1905CST			0	0			Hail(1.00)
Callaway County									
New Bloomfield	27	1905CST			0	0			Thunderstorm Wind (G52)
	Storm spotters reported downed trees and 1 inch hail.								
Callaway County									
Fulton	27	1905CST			0	0			Hail(0.75)
Callaway County									
1 S Fulton	27	1909CST			0	0			Hail(1.75)
	The County Sheriff department reported golfball size hail just south of Fulton. Amateur radio spotters reported 3/4 inch hail.								
Montgomery County									
4 W New Florence	27	1932CST			0	0			Hail(0.75)
	The County Sheriff department reported 3/4 inch hail.								
Gasconade County									
3 SW Owensville	27	2010CST			0	0			Thunderstorm Wind (G52)
	Thunderstorm wind gusts downed a few trees. One tree fell on a three-phase electric feeder line which knocked out power to 453 Crawford Electric customers.								
Franklin County									
Union	27	2050CST			0	0			Thunderstorm Wind (G52)
Franklin County									
1 S Union	27	2052CST			0	0			Thunderstorm Wind (G52)
Franklin County									
Pacific	27	2055CST			0	0			Thunderstorm Wind (G52)
	Amateur radio spotters reported trees and power lines down around Union and Pacific.								
Franklin County									
St Clair	27	2105CST			0	0			Thunderstorm Wind (G55)
	Thunderstorm wind gusts downed some trees and power lines in the St. Clair area.								
Boone County									
(Cou)Columbia Rgnl A	27	2124CST			0	0			Thunderstorm Wind (G61)^M
	ASOS at the Columbia Regional Airport reported a wind gust of 70 mph. Some trees were downed in the area.								
Franklin County									
Lonedell	27	2125CST			0	0			Thunderstorm Wind (G52)
	Thunderstorm wind gusts downed some trees and power lines in the Lonedell area.								
Lincoln County									
8 S Troy	27	2210CST			0	0			Hail(1.00)
Lincoln County									
6 E Troy	27	2215CST			0	0			Hail(0.75)
	A local television station reported 1 inch hail south of Troy. An off duty National Weather Service employee reported 3/4 inch hail east of Troy.								
Ste. Genevieve County									
2 NE Womack	27	2246CST			0	0			Thunderstorm Wind (G52)
	The County Sheriff Department reported trees down blocking County Road WW northeast of Womack.								
MOZ019	Lewis								
	28	0500CST			0	0			Flood
	30	2359CST							
	Heavy rain during the last week of April caused the Mississippi River to flow over its banks. The flooding was minor but worsened and continued into May.								

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>MISSOURI, Lower</u>									
Dunklin County 3 W Malden	24	1715CST 1720CST			0	0	0.75K		Hail(1.75)
Dunklin County Glennonville to 3 W Glennonville	24	1755CST 1808CST			0	0	0.75K		Hail(1.75)
Pemiscot County 2 E Hayti to 2.3 E Hayti	24	1900CST 1905CST	0.3	25	0	0	5K		Tornado (F0)
The tornado touched down just east of Hayti and traveled a short distance. A few power lines were blown down.									
Dunklin County 2 N Kennett	28	0100CST 0105CST			0	0	5K		Thunderstorm Wind
Several trees were knocked down.									
Pemiscot County Wardell	28	0115CST 0120CST			0	0	10K		Thunderstorm Wind
Some trees and power lines were blown down.									
Pemiscot County Cooter	28	0220CST 0225CST			0	0	5K		Thunderstorm Wind
Some trees were knocked down.									
<u>MISSOURI, Northeast</u>									
Scotland County Rutledge	24	1127CST			0	0			Hail(1.50)
Clark County 1 E Kahoka	24	1230CST			0	0			Funnel Cloud
Clark County 11 W St Patrick	27	1923CST			0	0			Hail(0.88)
<u>MISSOURI, Northwest</u>									
Atchison County 3 E Watson	18	1550CST			0	0			Hail(1.00)
Nodaway County Hopkins	18	1655CST			0	0			Hail(1.25)
Worth County 3 NW Grant City	18	1807CST			0	0			Hail(1.25)
Nodaway County Maryville	18	1808CST			0	0			Hail(0.75)
Nodaway County Ravenwood	18	1820CST			0	0			Hail(1.00)
Nodaway County 2 N Ravenwood	18	1823CST			0	0			Hail(1.75)
Gentry County 4 N Gentry	18	1835CST			0	0			Hail(1.00)
Worth County Grant City	18	1835CST			0	0			Hail(0.75)
Worth County Worth	18	1925CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

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, Northwest</u>									
Harrison County									
10 N New Hampton	18	1930CST			0	0			Hail(0.75)
Harrison County									
Eagleville	18	1939CST			0	0			Hail(1.00)
Nodaway County									
3 SE Guilford	18	1940CST			0	0			Hail(0.75)
Harrison County									
Bethany	18	1950CST			0	0			Hail(1.00)
Gentry County									
3 N Gentry	18	2000CST			0	0			Hail(1.00)
		Also reported wind gusts to 70 mph.							
Mercer County									
3 W Princeton	18	2010CST			0	0			Hail(0.75)
Harrison County									
5 S Bethany	18	2040CST			0	0			Hail(1.00)
		Also reported damaging wind gusts.							
Grundy County									
Trenton	18	2116CST			0	0			Hail(1.00)
Cass County									
Belton	19	0450CST			0	0			Hail(0.88)
		Also minor wind damage to poles and power lines.							
Jackson County									
Raytown	19	0450CST			0	0			Thunderstorm Wind (G52) ^M
		Also reported nickel size hail.							
Cass County									
1 N Pleasant Hill	19	0505CST			0	0			Thunderstorm Wind (G52)
Jackson County									
Lees Summit	19	0510CST			0	0			Hail(0.75)
Lafayette County									
Alma	19	0556CST			0	0	5K		Thunderstorm Wind (G61)
		Poles and power lines down.							
Saline County									
Sweet Spgs	19	0606CST			0	0			Hail(0.88)
Jackson County									
Independence	21	0250CST			0	0			Hail(0.88)
MOZ031-040									
		Carroll - Howard							
	21	0600CST			0	0			Flood
	22	0600CST							
		Heavy rains caused the Moniteu Creek near Fayette to crest at 17.20 feet, or 1.2 feet above flood stage.							
		In addition, Wakenda Creek at Carrollton crested at 20.60 feet, or six tenths of a foot above flood stage.							
Atchison County									
8 NW Tarkio	24	0755CST			0	0			Hail(1.00)
Worth County									
Grant City	24	0912CST			0	0			Hail(0.88)
Harrison County									
5 WSW Eagleville	24	0956CST			0	0			Hail(0.88)
Mercer County									
1 WSW Mercer	24	1020CST			0	0			Hail(0.88)
Mercer County									
Princeton	24	1022CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

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

MISSOURI, Northwest

Schuyler County									
Lancaster	24	1039CST			0	0			Hail(0.75)
Adair County									
9 WNW Novinger	24	1041CST			0	0			Hail(2.00)
Adair County									
Novinger	24	1054CST			0	1	15K		Hail(2.75)
A man caught outside during the hailstorm received bruises on his arm.									
Grundy County									
Galt	24	1055CST			0	0			Hail(0.75)
Grundy County									
5 W Trenton	24	1057CST			0	0			Hail(0.75)
Adair County									
Kirksville	24	1059CST			0	0	5K		Hail(1.00)
Hail caused damage to a roof and three cars.									
Putnam County									
4 SW Worthington	24	1100CST			0	0			Hail(0.75)
Adair County									
Kirksville	24	1105CST			0	0			Hail(0.88)
Sullivan County									
Reger	24	1109CST			0	0			Hail(0.88)
Grundy County									
Trenton	24	1114CST			0	0			Thunderstorm Wind (G50) ^M
Macon County									
La Plata	24	1115CST			0	0			Hail(1.75)
Caldwell County									
5 SW Hamilton	27	1655CST			0	0			Hail(0.75)
Livingston County									
Chula	27	1730CST			0	0			Hail(0.75)
Sullivan County									
2 E Winigan	27	1820CST			0	0			Hail(0.88)
Adair County									
Millard	27	1830CST			0	0			Hail(1.75)
Linn County									
1 N Purdin	27	1830CST			0	0			Hail(0.75)
MOZ032-039-054-054									
Chariton - Saline - Henry									
	28	0200CST			0	0			Flood
	29	0400CST							

Heavy rains caused minor flooding on the following creeks and rivers. The crest on the Grand River near Sumner was 28.66 feet, or 2.1 feet above flood stage. The crest on the Blackwater River near Blue Lick was 24.18 feet, or two tenths of a foot above flood stage. The crest on Big Creek near Blairstown was 20.97 feet, or 1 foot above flood stage. The crest on the South Grand River near Urich was 26.0 feet, or 2 feet above flood stage.

MISSOURI, Southeast

Butler County									
3 SE Poplar Bluff	14	0100CST			0	0	40K		Thunderstorm Wind (G60)
Three buildings were destroyed, and two trees were uprooted.									
Butler County									
Poplar Bluff	14	0112CST 0400CST			0	0			Flash Flood

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>MISSOURI, Southeast</u>									
Ripley County									
2 N Doniphan to Naylor	14	0112CST 0330CST			0	0			Flash Flood
Water was over U.S. Highway 60 at Poplar Bluff, Highway 21 north of Doniphan, and Route 142 near Naylor. The Little Black River was reported out of its banks north of Doniphan. The flooding was caused by an estimated 2 to 3 inches of rainfall over several hours.									
Bollinger County									
Glenallen to 3 S Marble Hill	19	1330CST 1338CST			0	0	50K		Hail(2.50)
Very large hail fell in the Marble Hill area. Tennis ball size hail was reported a few miles south of Marble Hill, and ping pong ball to golf ball size hail fell at Glenallen and near Lutesville. Windows were knocked out of a few homes and vehicles. The hail caused damage to siding and outdoor furniture, as well.									
Wayne County									
Piedmont	19	1331CST 1336CST			0	0			Hail(1.75)
Golf ball size hail was reported.									
Bollinger County									
3 N Grassy	19	1335CST			0	0	10K		Thunderstorm Wind (G60)
Windows were blown out of a house. Large hail, up to half-dollar size, contributed to the damage.									
Stoddard County									
6 S Advance	19	1400CST			0	0			Thunderstorm Wind (G50)
Two trees were blown down. Hail covered the ground. The size of the hailstones was not known.									
Stoddard County									
1 N Advance to 3 N Bell City	19	1411CST 1427CST			0	0			Funnel Cloud
Trained spotters tracked a funnel cloud across northern parts of Stoddard County. The funnel cloud was associated with the supercell thunderstorm that produced tennis ball size hail in Bollinger County near Marble Hill.									
Cape Girardeau County									
2 SW Delta	19	1415CST			0	0			Hail(0.88)
Nickel size hail fell in association with the supercell thunderstorm that produced a funnel cloud in northern Stoddard County									
Bollinger County									
6 SE Zalma	19	1430CST			0	0			Hail(0.88)
Nickel size hail covered the ground near the Stoddard County line.									
Stoddard County									
1 S Brownwood	19	1500CST			0	0			Hail(1.75)
Golf ball size hail fell on BB Highway just south of Brownwood.									
Mississippi County									
Charleston	20	1519CST			0	0			Hail(1.00)
Mississippi County									
Charleston to 1.8 SE Charleston	20	1520CST 1525CST	1.8	100	0	0	68K	8K	Tornado (F1)
The tornado path extended from Interstate 57 on the east side of Charleston to about 1.8 miles southeast of Charleston. Peak wind speeds in the tornado were estimated at 100 MPH. An anchored mobile home was lifted and rolled, destroying it. The residents of the mobile home escaped injury by abandoning it moments before the tornado struck. Stationary automobiles were moved about. Several mature hardwood trees were snapped off or uprooted. Minor damage occurred to outbuildings and metal pole-framed structures on the southeast edge of Charleston.									
Cape Girardeau County									
2 NE Fruitland	21	1540CST			0	0			Thunderstorm Wind (G50)
Trees were down across County Road 543.									
Carter County									
Van Buren	22	2226CST 2232CST			0	0	4K		Hail(1.00)
Dime to quarter size hail dented patrol cars.									
Carter County									
Grandin	22	2302CST 2310CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

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

Dime size hail persisted for 10 minutes at the city hall.

Wayne County

**Piedmont to
Greenville**

24	0628CST 0800CST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	--------------------

Some low-lying county roads were flooded. A bridge on Route C had water over it. Rainfall at Greenville was 2.75 inches, and Piedmont had 1.7 inches. Most of that rain fell within a few hours.

Carter County

**Van Buren to
4.5 ESE Ellsinore**

24	1513CST 1545CST	20.5	300		0	2	15M		Tornado (F4)
----	--------------------	------	-----	--	---	---	-----	--	---------------------



This photo of the tornado was taken by Mike Gossett of the National Park Service near Van Buren, early in the life cycle of this 40-mile long tornado.

The tornado damage path began on the west side of Van Buren, right along the Current River, and crossed U.S. Route 60 very close to the Current River bridge. Two businesses in Van Buren, a lodge and a restaurant, were heavily damaged by F-2 intensity winds. The tornado travelled southeast across hilly and forested terrain until reaching the community of Ellsinore. Damage on the south side of Ellsinore was severe, where about 7 businesses were destroyed. Most of the damage at Ellsinore, which was inflicted by F-4 intensity winds, occurred along and near U.S. Highway 60. Across Carter County, 13 homes were destroyed and 12 homes suffered major damage. The tornado then moved into the Mark Twain National Forest and crossed into Butler County north of Highway 60.

Butler County

**11 W Hendrickson to
5.5 NE Poplar Bluff**

24	1545CST 1618CST	20	650		0	14	30M		Tornado (F4)
----	--------------------	----	-----	--	---	----	-----	--	---------------------

The tornado crossed into Butler County in the Mark Twain National Forest, then proceeded east-southeast, passing 6 to 7 miles north of Poplar Bluff. An upscale residential subdivision beyond the northern outskirts of Poplar Bluff, just off U.S. Route 67, received extensive damage. At least two well-constructed homes were levelled by peak winds estimated around 210 MPH. A total of 50 homes were destroyed in Butler County, 16 others received major damage, and 30 homes received minor damage. Most of the damaged homes were north of Poplar Bluff. Total damage figures for Butler County included timber losses in the national forest. The total number of injuries requiring hospital care that were directly attributed to the storm was 16. Five of the injured were admitted in critical condition. There were no fatalities from the storm. A woman who lived off U.S. Highway 67 took shelter in her bathtub. She reported that she and the bathtub were blown about 200 feet. She was reportedly found in the median of the highway. She was treated for a cracked sternum, broken ribs, a broken toe, and bruised lungs. In another incident on Highway 67, a large chunk of asphalt was blown through a vehicle's window, striking one of the people inside. The car was extensively damaged when it was blown off the road, but the 3 people inside received only cuts and bruises.

Carter County

1 S Van Buren

24	1515CST				0	0			Hail(1.00)
----	---------	--	--	--	---	---	--	--	-------------------

Wayne County

Williamsville

24	1545CST				0	0			Hail(0.75)
----	---------	--	--	--	---	---	--	--	-------------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>MISSOURI, Southeast</u>									
Butler County									
4 NW Poplar Bluff	24	1556CST			0	0			Hail(1.00)
Butler County									
2 SW Rombauer to 1.6 SSW Rombauer	24	1621CST	1	40	0	0	2K		Tornado (F1)
The long-track tornado that crossed much of Carter and Butler Counties briefly touched down again near Rombauer. Numerous trees were down along the short damage track.									
Wayne County									
3 SE Williamsville	24	1630CST			0	0			Hail(1.75)
Stoddard County									
5 W Dudley to 4.9 W Dudley	24	1634CST	0.1	40	0	0			Tornado (F0)
The supercell thunderstorm that spawned a long-track tornado over Butler and Carter Counties produced a brief, weak tornado very close to the Stoddard/Butler County line, just east of Fisk. No damage was reported.									
Cape Girardeau County									
Gordonville	24	1636CST			0	0			Hail(1.75)
Stoddard County									
5 W Dudley	24	1659CST			0	0			Hail(1.00)
Bollinger County									
Zalma	24	1705CST			0	0			Hail(1.75)
Stoddard County									
Advance	24	1714CST			0	0	4K		Hail(0.75)
An insurance company reported at least a couple of vehicles received hail damage.									
Stoddard County									
4 N Bloomfield to 3.9 NNE Bloomfield	24	1716CST	0.1	20	0	0			Tornado (F0)
A weak tornado briefly touched down near the intersection of Highway 25 and M Highway. No damage was reported.									
Butler County									
1 S Poplar Bluff	24	1719CST			0	0			Hail(1.75)
Stoddard County									
Bernie	24	1725CST			0	0			Hail(0.88)
Stoddard County									
1 N Dexter	24	1737CST			0	0			Funnel Cloud
The funnel cloud was observed near the northern city limits of Dexter, at the junction of Highway 25 and U.S. Route 60.									
Scott County									
Vanduser	24	1740CST			0	0			Thunderstorm Wind (G50)
Two trees were down, including one that fell downtown. The other fell west of town.									
Butler County									
Qulin	24	1745CST			0	0			Hail(0.75)
New Madrid County									
Gideon	24	1807CST			0	0			Hail(0.75)
Wayne County									
Piedmont	27	2255CST			0	0			Thunderstorm Wind (G50)
Trees were down in Piedmont.									
Perry County									
Countywide	27	2300CST			0	0	8K		Thunderstorm Wind (G52)
Numerous trees and power lines were blown down countywide, including T Highway west of Perryville, E Highway northeast of Perryville, and County Road 816 west of Brewer. Power lines were down on Highway 51N									
Bollinger County									
8 SW Marble Hill to 4 SW Marble Hill	27	2340CST 2345CST	4	200	1	16	4M		Tornado (F3)

Storm Data and Unusual Weather Phenomena

April 2002

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

MISSOURI, Southeast



This aerial photo of the damage area shows the lake where residents of the nearby homes were tossed.

This strong tornado with peak winds near 180 MPH touched down in a rural area southwest of Marble Hill. A total of 19 residences were severely damaged, and 6 were destroyed. Approximately 10 of the residences were mobile homes and 15 were single-family homes. Another 50 outbuildings, such as barns and sheds, were destroyed or damaged. Seven people were inside a house that was demolished. One of the victims, a 12-year-old boy, was thrown about 50 yards from the house and fatally injured. Several others in the immediate area, possibly the other occupants of the house, were thrown into a nearby lake and swam to safety. Of the 16 people injured in the tornado, four were air lifted to hospitals with serious injuries. Cars were stacked atop cars. Several residents were trapped inside the debris of their homes for up to 3 hours. The large number of trees down across roads delayed the arrival of rescue teams.

M12PH

Cape Girardeau County Cape Girardeau	28	0015CST			0	0			Thunderstorm Wind (G50)
	Two trees were blown down.								
New Madrid County 1 NW New Madrid	28	0119CST			0	0	5K		Thunderstorm Wind (G52)
	Numerous trees and power poles were down.								
New Madrid County 8 SE Portageville	28	0129CST	0.1	70	0	0			Tornado (F0)
	A brief touchdown occurred in a small wooded area along Route 162 in extreme southeast New Madrid County. Several large trees were snapped at the base. No structures were involved.								
Cape Girardeau County 2 W Neelys Lndg	30	1930CST			0	0			Hail(1.75)
Bollinger County 8 W Marble Hill	30	2028CST			0	0			Hail(1.00)

MISSOURI, Southwest

Howell County South Portion	07 08	1930CST 0030CST			0	0	0		Flash Flood
Ozark County Countywide	07 08	1930CST 0030CST			0	0	0		Flash Flood

Storm Data and Unusual Weather Phenomena

April 2002

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

Taney County

Countywide	07 08	2300CST 0030CST			0	0	0	Flash Flood
------------	----------	--------------------	--	--	---	---	---	-------------

An intense storm system developed over the southern plains and lower Mississippi Valley the morning of April 7th. A series of low pressure systems also moved northeast across northern Arkansas into southern Missouri that evening. Rounds of heavy rainfall occurred which produced locally two to three inches of rain in less than three hours along the Arkansas border between Branson and West Plains. Law enforcement officers reported numerous low water crossings flooded and impassable, especially along State Highway 142 in southern Howell County, county roads near Thornfield, and Highway 176 near Rockaway Beach. Several roads were closed due to the high water.

MOZ096>098-104>105

Douglas - Howell - Shannon - Taney - Ozark

	08	0030CST 2100CST			0	0	0	Flood
--	----	--------------------	--	--	---	---	---	-------

Due to excessive rainfall amounts of two to three inches on the evening of April 7th over extreme southern Missouri between Branson and Eminence, numerous low water crossings, county roads, bridges and secondary roads flooded and remained closed through the evening of the 8th. Although rainfall rates decreased after midnight, an additional one half to one inch of rain fell on already saturated soils that earlier had flash flooding. During the height of the storm, a few bridges near Gainesville and Branson Missouri had one to two feet of water flowing over them.

Douglas County

Twin Bridges	13	1705CST			0	0	0	Hail(0.75)
--------------	----	---------	--	--	---	---	---	------------

Ozark County

Dora	13	1710CST			0	0	0	Hail(1.00)
------	----	---------	--	--	---	---	---	------------

Howell County

North Portion	13 14	2015CST 0000CST			0	0	100K	Flash Flood
---------------	----------	--------------------	--	--	---	---	------	-------------

A cluster of slow moving thunderstorms moved across northern Howell county producing three to four inches of rain in less than two hours. In addition to the intense localized band of three to four inches, a broad area of one to two inches fell over all of northern Howell county between 8 and 10 pm. Highway 17 south of Mountain View and east of Pomona was flooded and impassable during the height of the storm. Highway N east of Pomona was also closed due to high water. County roads 4740, 4870 and 5130 were completely washed out by the flood waters. The heavy rains also caused considerable damage around the West Plains area, especially at the Southern Hills Shopping Center where carpets and inventory were damaged.

MOZ097-106

Howell - Oregon

	14	0000CST 2100CST			0	0	0	Flood
--	----	--------------------	--	--	---	---	---	-------

A broad area of one to three inches of rain fell over Howell and Oregon counties during the late evening of April 14th. The Eleven Point River basin received one to three inches of rainfall. This flooded areas along Highway 142 near Calm plus recreational and camping facilities over eastern Oregon county. In Howell county, flash flooding that occurred earlier due to excessive rainfall in a short period of time, continued to have flooded low water crossings, county, and secondary roads.

Greene County

4 S Ash Grove	18	1146CST			0	0	0	Hail(0.88)
---------------	----	---------	--	--	---	---	---	------------

Greene County

5 S Ash Grove	18	1154CST			0	0	0	Hail(0.88)
---------------	----	---------	--	--	---	---	---	------------

Dallas County

Plad	18	1202CST			0	0	0	Hail(0.88)
------	----	---------	--	--	---	---	---	------------

Camden County

Camdenton	18	1255CST			0	0	0	Hail(0.75)
-----------	----	---------	--	--	---	---	---	------------

Greene County

Springfield	18	1315CST			0	0	0	Hail(0.75)
-------------	----	---------	--	--	---	---	---	------------

Polk County

1 N Polk	19	0850CST			0	0	0	Hail(0.75)
----------	----	---------	--	--	---	---	---	------------

Pulaski County

Waynesville	19	1040CST			0	0	0	Hail(0.75)
-------------	----	---------	--	--	---	---	---	------------

Dent County

Salem	19	1041CST			0	0	10K	Hail(1.75)
-------	----	---------	--	--	---	---	-----	------------

Dime and nickel size hail was also reported west of Salem with trees and power lines blown down between Lenox and Salem.

Storm Data and Unusual Weather Phenomena

April 2002

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

MISSOURI, Southwest

Dent County

Salem	19	1105CST			0	0	0		Thunderstorm Wind (G52)
--------------	----	---------	--	--	---	---	---	--	--------------------------------

Trees were blown down east of the city.

Jasper County

Carthage	19	1538CST			0	0	10K		Thunderstorm Wind (G52)
-----------------	----	---------	--	--	---	---	-----	--	--------------------------------

Trees and power lines were blown down around Carthage.

Phelps County

Rolla	19	1629CST			0	0	0		Hail(0.75)
--------------	----	---------	--	--	---	---	---	--	-------------------

Camden County

East Portion	19	1645CST 2300CST			0	0	300K		Flash Flood
---------------------	----	--------------------	--	--	---	---	------	--	--------------------

Pulaski County

Countywide	19	1645CST 2300CST			0	0	500K		Flash Flood
-------------------	----	--------------------	--	--	---	---	------	--	--------------------

Phelps County

North Portion	19	1830CST 2300CST			0	1	300K		Flash Flood
----------------------	----	--------------------	--	--	---	---	------	--	--------------------

Maries County

South Portion	19	1900CST 2300CST			0	0	0		Flash Flood
----------------------	----	--------------------	--	--	---	---	---	--	--------------------

Miller County

Countywide	19	2030CST 2300CST			0	0	100K		Flash Flood
-------------------	----	--------------------	--	--	---	---	------	--	--------------------

A complex of strong to severe thunderstorms developed over the southwestern portions of the Lake of the Ozarks region during the afternoon and early evening of April 19th and moved slowly eastward over Camden, Maries, Miller, Phelps and Pulaski counties.

The airmass was very moist which allowed for the storms to produce torrential rainfall in a short period of time. In addition, the storms propagated over the same areas producing rainfall rates of two to four inches per hour. Radar estimated between six to eight inches of rain fell in these areas during the early evening hours. A broad area of two to four inches fell around the six to eight inch band, which allowed for significant flooding to occur.

Numerous low water crossings, county and state roads were flooded or closed during the height of the storm. Approximately two major roads and 14 bridges were either damaged or completely washed out in northern Pulaski county where the the highest rainfall totals occurred.

In Rolla, Missouri two feet of water was flowing over some city streets. In St. James, cars were reported washed off the roadway into area creeks and streams. The flooding also trapped one man and three children on a low water bridge west of Doolittle. Another man was swept downstream as his car went into a flooded ditch near Rolla. No serious injuries were reported.

The flash flooding also drove some residents of Beaver Manor near Rolla from their homes. Around the Beaver Manor subdivision, propane gas tanks were lifted from their anchored positions and chain-link fences and boats were wash nearly a mile downstream along Beaver Creek. About 20 homes sustained damage in Phelps County.

In Miller County, both the Big Tavern Creek, and Little Tavern Creek flooded causing considerable damage to roads and bridges, especially near St. Elizabeth where the Creeks cross Highway 52. The roads had chunks of concrete shattered and missing from the bridge's floor. Near Iberia, an unofficial report of eight inches of rain fell in less than one hour. Fences were also flattened by rushing water in a few places. One creek crossing had debris caught up in trees a good five or six feet above ground.

Texas County

Houston	19	1725CST 1735CST			0	0	0		Thunderstorm Wind (G60)
----------------	----	--------------------	--	--	---	---	---	--	--------------------------------

Sixty to seventy mile per hour winds were estimated around the Houston area by ham radio operators.

Phelps County

5 S Rolla	19	1745CST			0	0	0		Hail(0.75)
------------------	----	---------	--	--	---	---	---	--	-------------------

MOZ057>058-069>071

Miller - Maries - Camden - Pulaski - Phelps	19	2300CST 1200CST			0	0	200K		Flood
--	----	--------------------	--	--	---	---	------	--	--------------

A prolonged flooding event developed over portions of the Lake of the Ozarks region from late April 19th through early morning of

Storm Data and Unusual Weather Phenomena

April 2002

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

MISSOURI, Southwest

April 21st. The initial flash flooding eased during the early morning of April 20th as the complex of thunderstorms moved east of the area. However, runoff continued which allowed small streams, creeks and even the larger Gasconade River in Maries County to flood during the first part of the weekend.

Additional thunderstorms develop during the afternoon and evening of April 20th, which produced an additional one to three inches of rain over the already saturated soils over the area. This produced another flash flooding episode where creeks and small streams rose rapidly in a short period of time.

This prolonged flooding event eased during the early morning of April 21st. However, numerous county roads and low water crossings remain closed or impassable for nearly 36 hours.

Shannon County

**Winona to
Low Wassie**

20	1215CST 1225CST				0	0	10K		Thunderstorm Wind (G55)
----	--------------------	--	--	--	---	---	-----	--	--------------------------------

A barn was blown down along with several large trees between Winona and Low Wassie in eastern Shannon County. There were also numerous reports of windows blown out.

Douglas County

2 N Brushyknob

20	1300CST 1500CST				0	0	0		Flash Flood
----	--------------------	--	--	--	---	---	---	--	--------------------

A brief period of intense rainfall allowed Farm Road 117 north of Brushyknob to flood. A car was swept off the low water bridge but no one was injured.

Vernon County

Bronaugh

20	1415CST				0	0	0		Hail(0.75)
----	---------	--	--	--	---	---	---	--	-------------------

Barton County

3 N Lamar

20	1425CST				0	0	0		Hail(0.75)
----	---------	--	--	--	---	---	---	--	-------------------

Polk County

Slagle

20	1515CST				0	0	0		Hail(1.75)
----	---------	--	--	--	---	---	---	--	-------------------

Nickel and dime size hail was also reported around Pleasant Hope.

Webster County

Forkners Hill

20	1545CST				0	0	0		Hail(1.75)
----	---------	--	--	--	---	---	---	--	-------------------

Wright County

4 N Grovespring

20	1610CST				0	0	0		Hail(0.75)
----	---------	--	--	--	---	---	---	--	-------------------

Texas County

Roby

20	1645CST				0	0	0		Hail(0.75)
----	---------	--	--	--	---	---	---	--	-------------------

Camden County

3 S Camdenton

20	1715CST				0	0	0		Hail(1.75)
----	---------	--	--	--	---	---	---	--	-------------------

Miller County

St Elizabeth

20	1735CST				0	0	0		Thunderstorm Wind (G52)
----	---------	--	--	--	---	---	---	--	--------------------------------

Trees were blown down near St. Elizabeth.

Benton County

Cole Camp

21	0430CST				0	0	0		Hail(0.75)
----	---------	--	--	--	---	---	---	--	-------------------

Texas County

1 NW Cabool

23	2045CST				0	0	0		Hail(1.00)
----	---------	--	--	--	---	---	---	--	-------------------

Texas County

Arroll

23	2115CST				0	0	0		Hail(1.00)
----	---------	--	--	--	---	---	---	--	-------------------

Wright County

Mountain Grove

24	0125CST				0	0	0		Hail(1.00)
----	---------	--	--	--	---	---	---	--	-------------------

Dent County

Salem

24	1350CST				0	0	0		Hail(1.75)
----	---------	--	--	--	---	---	---	--	-------------------

Texas County

**5 W Summersville to
1 W Summersville**

24	1400CST 1410CST				0	0	0		Hail(1.25)
----	--------------------	--	--	--	---	---	---	--	-------------------

Storm Data and Unusual Weather Phenomena

April 2002

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

MISSOURI, Southwest

Shannon County

7 NE Winona	24	1445CST			0	0	0		Hail(1.00)
-------------	----	---------	--	--	---	---	---	--	------------

Vernon County

Walker	27	0100CST			0	0	0		Hail(0.75)
--------	----	---------	--	--	---	---	---	--	------------

Howell County

1 NW Willow Spgs to 1.5 NE Willow Spgs	27	2140CST 2145CST	1.5	100	0	0	1.5M		Tornado (F2)
---	----	--------------------	-----	-----	---	---	------	--	--------------

An F2 tornado, plus associated destructive convergent winds around the tornadic circulation, caused extensive damage from 2 miles west of the Willow Springs Highway Patrol Headquarters, northeast to a mile and a half northeast of Willow Springs along Highway 378. Although the tornadic circulation was only 100 yards wide, it caused damage up to 300 yards wide.

Large, century year old oak trees were uprooted throughout the area. West of the Willow Springs Highway Patrol Headquarters, a bass boat was thrown across two pastures and over two fences. A barn near this pasture was damaged.

Troop G Headquarters had their 365' radio tower blown down. The tower landed on a home in the Hickory Hills Subdivision in Willow Springs. Four homes loss shingles and two homes completely lost their roofs. A church was rotated 45 degrees off its foundation and cemetery headstones were toppled. The worst damage occurred on a hilltop north of Willow Springs where a home was almost completely destroyed along with numerous outbuildings in a half mile area.

Shannon County

2 N Winona	27	2220CST			0	0	0		Thunderstorm Wind (G52)
------------	----	---------	--	--	---	---	---	--	-------------------------

Trees were blown down over Highway 19 north of Winona.

Christian County

4 NE Ozark	30	0750CST			0	0	0		Hail(1.00)
------------	----	---------	--	--	---	---	---	--	------------

Lawrence County

Chesapeake	30	0800CST			0	0	25K		Hail(1.75)
------------	----	---------	--	--	---	---	-----	--	------------

Cedar County

El Dorado Spgs	30	0805CST			0	0	0		Hail(0.88)
----------------	----	---------	--	--	---	---	---	--	------------

Douglas County

3 S Squires	30	0805CST			0	0	0		Hail(1.00)
-------------	----	---------	--	--	---	---	---	--	------------

Cedar County

1 E El Dorado Spgs	30	0812CST			0	0	0		Hail(0.75)
--------------------	----	---------	--	--	---	---	---	--	------------

Greene County

5 NE Springfield	30	0820CST			0	0	0		Hail(0.75)
------------------	----	---------	--	--	---	---	---	--	------------

Douglas County

2 W Goodhope	30	0825CST			0	0	0		Hail(1.00)
--------------	----	---------	--	--	---	---	---	--	------------

Dime to quarter size hail was also observed near Ava.

Greene County

Battlefield	30	0832CST 0838CST			0	0	0		Hail(1.00)
-------------	----	--------------------	--	--	---	---	---	--	------------

Dime to quarter size hail accumulated up to three inches deep south of Battlefield on Highway FF. Also dime size hail was observed in southern parts of Springfield.

Christian County

Billings	30	0839CST			0	0	0		Hail(1.75)
----------	----	---------	--	--	---	---	---	--	------------

Nickel size hail was also reported in Ozark.

Stone County

Crane	30	0840CST			0	0	0		Hail(1.75)
-------	----	---------	--	--	---	---	---	--	------------

Golf ball size hail was also observed near Union City.

Polk County

Bolivar	30	0841CST			0	0	0		Hail(0.88)
---------	----	---------	--	--	---	---	---	--	------------

Polk County

Morrisville	30	0842CST			0	0	25K		Hail(2.75)
-------------	----	---------	--	--	---	---	-----	--	------------

There was several reports of hail damage around the Morrisville area.

Storm Data and Unusual Weather Phenomena

April 2002

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

MISSOURI, Southwest

Polk County

Morrisville	30	0844CST			0	0	0		Hail(1.00)
-------------	----	---------	--	--	---	---	---	--	------------

Quarter size hail was also observed near Brighton and Pleasant Hope.

Ozark County

Wasola	30	0845CST			0	0	0		Hail(1.00)
--------	----	---------	--	--	---	---	---	--	------------

Taney County

3 N Walnut Shade	30	0850CST			0	0	0		Hail(1.00)
------------------	----	---------	--	--	---	---	---	--	------------

Christian County

Ozark	30	0856CST 0900CST			0	0	0		Funnel Cloud
-------	----	--------------------	--	--	---	---	---	--	--------------

A funnel cloud was observed for a few minutes near Ozark.

Christian County

Ozark	30	0905CST			0	0	0		Hail(1.75)
-------	----	---------	--	--	---	---	---	--	------------

Howell County

South Fork	30	0913CST			0	0	0		Hail(1.00)
------------	----	---------	--	--	---	---	---	--	------------

Quarter size hail covered the ground near South Fork, also nickel size hail was reported near Pottersville.

Oregon County

2 W Thayer	30	0935CST			0	0	0		Hail(0.88)
------------	----	---------	--	--	---	---	---	--	------------

Howell County

2 S West Plains	30	0938CST			0	0	0		Hail(1.75)
-----------------	----	---------	--	--	---	---	---	--	------------

Ozark County

Isabella	30	0950CST			0	0	10K		Hail(1.75)
----------	----	---------	--	--	---	---	-----	--	------------

Golf ball size hail was also observed north of Gainesville, and along Highway 5 between Gainesville and Dora. Several cars were damaged due to the larger hail near Dora.

Howell County

West Plains	30	1030CST			0	0	0		Hail(1.75)
-------------	----	---------	--	--	---	---	---	--	------------

St. Clair County

Collins	30	1229CST			0	0	0		Hail(0.75)
---------	----	---------	--	--	---	---	---	--	------------

St. Clair County

Collins	30	1230CST 1232CST			0	0	0		Hail(0.88)
---------	----	--------------------	--	--	---	---	---	--	------------

Polk County

3 S Rondo	30	1250CST			0	0	0		Hail(1.00)
-----------	----	---------	--	--	---	---	---	--	------------

Polk County

1 N Adonis	30	1255CST			0	0	0		Hail(1.75)
------------	----	---------	--	--	---	---	---	--	------------

Hickory County

4 SE Elkton	30	1302CST			0	0	0		Hail(1.00)
-------------	----	---------	--	--	---	---	---	--	------------

Dallas County

Louisburg	30	1308CST			0	0	0		Hail(2.00)
-----------	----	---------	--	--	---	---	---	--	------------

Dime size hail was also observed near Plad.

Laclede County

5 W Lebanon	30	1330CST			0	0	0		Hail(0.88)
-------------	----	---------	--	--	---	---	---	--	------------

Nickel size hail was also reported in Lebanon.

MONTANA, Central

MTZ009-012-014-048	01	North Rocky Mountain Front - Cascade - Southern Lewis And Clark - Southern Rocky Mountain Front 0000MST 1800MST			0	0			Winter Storm
--------------------	----	---	--	--	---	---	--	--	--------------

Storm Data and Unusual Weather Phenomena

April 2002

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

MONTANA, Central

A winter storm occurred across a portion of North Central and Central Montana on the 1st. Snow began to fall over the Rocky Mountain Front around midnight on the 1st, and then moved into the Great Falls and Helena areas by day break. The snow was heavy at times, reducing visibilities to less than a quarter mile at times. Numerous roads were closed in the Helena area due to reduced visibilities.

Some total snow accumulations from this event include: 10 inches at East Glacier 20 W and Lincoln, and 6 to 8 inches at Choteau and Belt.

MTZ009>014-044>046-048 North Rocky Mountain Front - Eastern Glacier - Hill - Cascade - Chouteau - Southern Lewis And Clark - Toole - Liberty - Eastern Pondera - Southern Rocky Mountain Front

13	1200MST								
14	2100MST				0	0			High Wind (G65)

A high wind event occurred across all of North Central Montana beginning on the 13th and ending on the 14th. The winds began to increase in intensity over the Rocky Mountain Front early on the 13th and then increased in intensity over the northern plains by the mid afternoon hours. The winds subsided a bit during the overnight hours between the 13th and 14th. However, by midday on the 14th, strong winds were once again blowing across all of North Central Montana. Sustained winds between 40 and 50 mph, with wind gusts between 60 and 70 mph occurred across the region.

Areas of blowing dust caused near zero visibilities across much of the northern sections of the state, resulting in several roads being closed. The blowing dirt drifted to a depth of 3 feet in some areas.

Additionally, numerous power outages occurred due to downed power lines and poles. One downed power line caused a 100-acre grass fire near Box Elder. An empty 60 foot grain elevator was blown over near Cut Bank. Several vehicles were blown off roads during this event.

Some peak wind speeds from this event include:

75 mph at Browning, 71 mph at Cut Bank, 70 mph at Rudyard, 64 mph at Shelby, 70 mph at Dupuyer and Pendroy, and 60 mph at Inverness, Big Sandy, Sweet Grass, and Del Bonita.

MTZ008-012-014>015-050-052>054

Beaverhead - Cascade - Southern Lewis And Clark - Madison - Judith Basin - Jefferson - Broadwater - Meagher

17	1200MST								
18	1000MST				0	0			Winter Storm

An area of heavy snow moved through Southwest and Central Montana on the 17th and 18th. The snow was heaviest over the mountains during this event.

Some total snow accumulations from this event include: 10 to 14 inches in Neihart and on the top of Kings Hill; 13 inches at Clancy, 8 to 10 inches at Winston, and 6 to 8 inches at Dillon, Pony, and Marysville.

MTZ009>013-044>048

North Rocky Mountain Front - Eastern Glacier - Hill - Cascade - Chouteau - Toole - Liberty - Eastern Pondera - Blaine - Southern Rocky Mountain Front

22	1200MST								
	2000MST				0	0			High Wind (G58)^M

A high wind event occurred over much of North Central Montana during the afternoon and early evening hours of the 22nd. Sustained winds over 40 mph, with gusts near 60 mph were recorded.

Some of the strongest wind gusts recorded from this event include: 67 mph at Great Falls, 63 mph at Rudyard, and 60 mph at Loma and Power 7 SW.

MTZ009>010-046

North Rocky Mountain Front - Eastern Glacier - Eastern Pondera

23	0400MST								
	1600MST				0	0			Winter Storm

A winter storm moved through the Northern Rocky Mountain Front and the adjacent plains on the 23rd. The snow fell through much of the morning and early afternoon hours. Total snow accumulations from this event were 6 to 8 inches over the plains, and 8 to 10 inches in the mountains.

MONTANA, East

MTZ017

Central And Southern Valley

13	1615MST								
					0	0			High Wind (G52)^M

62 mph wind gust recorded 15 miles northwest of Glasgow in a duststorm.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MONTANA, South</u>									
MTZ056			Western Carbon						
		01 2000MST			0	0			Heavy Snow
			5 inches of new snow in Red Lodge						
MTZ056			Western Carbon						
		01 2000MST			0	0			Heavy Snow
			8 inches of new snow in Joliet						
MTZ041			Sweet Grass						
		01 2000MST			0	0			Heavy Snow
			5 inches of new snow in Big Timber						
Wheatland County									
Harlowton		14 1245MST			0	0			Thunderstorm Wind (G60)^M
MTZ035			Yellowstone						
		16 0737MST			0	0			Heavy Snow
			8 inches of new snow at Billings Airport						
MTZ040			Park						
		16 0737MST			0	0			Heavy Snow
			10 inches of new snow in Cooke City						
MTZ029			Musselshell						
		16 0737MST			0	0			Heavy Snow
			9 inches of new snow 9 miles south of Roundup						
MTZ038			Southern Big Horn						
		16 0737MST			0	0			Heavy Snow
			4 inches of new snow in Pryor						
MTZ056			Western Carbon						
		16 0737MST			0	0			Heavy Snow
			5 inches of new snow in Red Lodge						
MTZ034			Stillwater						
		16 0737MST			0	0			Heavy Snow
			7 inches of new snow 2 miles south of Nye						
MTZ034			Stillwater						
		16 0737MST			0	0			Heavy Snow
			5 inches of new snow 18 miles northwest of Columbus						
MTZ040			Park						
		16 0737MST			0	0			Heavy Snow
			5 inches of new snow in Gardiner						
MTZ040			Park						
		16 0737MST			0	0			Heavy Snow
			7 inches of new snow in Jardine						
MTZ040			Park						
		16 0900MST			0	0			Heavy Snow
			7 inches of new snow 6 miles northeast of Gardiner						
MTZ042			Golden Valley						
		16 0900MST			0	0			Heavy Snow
			6 inches of new snow in Lavina						
MTZ035			Yellowstone						
		18 1550MST			0	0			Heavy Snow
			5 inches of new snow at the Billings Airport						
MTZ035			Yellowstone						
		18 1550MST			0	0			Heavy Snow
			6 inches of snow at the Billings National Weather Service						

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
MTZ058			Southern Rosebud						
	18	1550MST			0	0			Heavy Snow
			8 inches of snow in Lame Deer						
MTZ034			Stillwater						
	18	1550MST			0	0			Heavy Snow
			5 inches of snow in Absarokee						
MTZ039			Eastern Carbon						
	18	1550MST			0	0			Heavy Snow
			6 inches of new snow in Bridger						
MTZ034			Stillwater						
	18	1550MST			0	0			Heavy Snow
			10 inches of new snow in Dean						
MTZ031			Northern Rosebud						
	18	1550MST			0	0			Heavy Snow
			13 inches of new snow in Forsyth						
MTZ032			Custer						
	18	1550MST			0	0			Heavy Snow
			6 inches of new snow in Miles City						
MTZ058			Southern Rosebud						
	18	1550MST			0	0			Heavy Snow
			10 inches of new snow in Brandenburg						
MTZ034			Stillwater						
	18	1550MST			0	0			Heavy Snow
			5 inches of new snow in Columbus						
MTZ041			Sweet Grass						
	18	1550MST			0	0			Heavy Snow
			5 inches of snow in Big Timber						
MTZ038			Southern Big Horn						
	18	1550MST			0	0			Heavy Snow
			9 inches of new snow in Pryor						
MTZ034			Stillwater						
	18	1550MST			0	0			Heavy Snow
			5 inches of snow in Reed Point						
MTZ034			Stillwater						
	18	1550MST			0	0			Heavy Snow
			8 inches of new snow in Red Lodge						
MTZ030			Treasure						
	18	1550MST			0	0			Heavy Snow
			7 inches of new snow in Hysham						
MTZ057			Northern Big Horn						
	18	1550MST			0	0			Heavy Snow
			6 inches of new snow in Hardin						
MTZ041			Sweet Grass						
	18	1550MST			0	0			Heavy Snow
			14 inches of new snow in Melville						
MTZ033			Fallon						
	18	1550MST			0	0			Heavy Snow
			4 inches of new snow in Baker						
MTZ035			Yellowstone						
	18	1550MST			0	0			Heavy Snow
			8 inches of new snow 15 miles east of Billings						

Storm Data and Unusual Weather Phenomena

April 2002

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

MONTANA, South

MTZ037	Carter	18	1550MST		0	0			Heavy Snow
	6 inches of new snow in Ekalaka								

MONTANA, West

Lincoln County									
Libby		14	1115MST 1300MST		0	0			Urban/Sml Stream Fld
Mineral County									
Superior		14	1115MST 1300MST		0	0			Urban/Sml Stream Fld

Small stream flooding occurred in many areas of Lincoln County due to snowmelt. Lincoln County Sheriff reported minor flooding near the Fisher River with water across Highway 2. In Mineral County, water overflowed private property near the confluence of Timber and Packer Creeks.

MTZ001-003>004-043									
	Kootenai/Cabinet Region - Flathead/Mission Valleys - Lower Clark Fork Region - Blackfoot Region								
		14	1130MST 1600MST		0	2			High Wind (G74)

Strong winds associated with a cold front swept through western Montana on the 14th. Wind gusts between 60-80 mph were reported in northwest Montana with numerous reports of downed powerlines and tree limbs. Highway 83 near Condon was closed briefly due to fallen debris. Metal roofing was torn off a church at Manicke in Lincoln County. Two people were injured near Yaak when a tree fell on their automobile. Power was interrupted for two hours in Paradise.

MTZ006>007									
	Bitterroot / Sapphire Mountains - Butte / Pintlar Region								
		17	0600MST		0	0			Heavy Snow
		18	1200MST						

A heavy wet snow started on the morning of the 17th and continued through midday on the 18th. Snow amounts ranged from 7 inches at Georgetown Lake, 8 inches at Twin Lakes, to over 10 inches at Barker Lakes. Up to two feet of snow fell at Lost Trail Pass at 7000 feet.

NEBRASKA, Central

NEZ038-059									
	Custer - Lincoln								
		17	1530CST		0	0			High Wind (G52)^M
		18	1730CST						

Strong winds accompanying a front were enhanced by collapsing cumulus clouds. The winds carried dirt and dust 30 to 50 feet into the air and reduced visibilities to 1 to 3 miles over a large area. No damage was reported with the wind storm.

NEBRASKA, East

Platte County									
Platte Center		16	1555CST		0	0			Hail(0.88)
Colfax County									
5 NNW Richland		16	1615CST		0	0			Hail(0.75)
Stanton County									
8 NNE Stanton		16	1620CST		0	0			Hail(0.75)
Saline County									
9 SSW Friend		16	1637CST		0	0			Hail(0.75)
	The hail was accompanied by thunderstorm wind gusts of 55 mph.								
Cuming County									
4 NW Beemer		16	1644CST		0	0			Thunderstorm Wind (G55)
	Thunderstorm wind gusts estimated at over 60 mph blew a semi-truck over on highway 275 near Beemer.								
Wayne County									
7 SE Winside		16	1655CST		0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NEBRASKA, East</u>									
Thurston County									
Pender	16	1659CST			0	0			Thunderstorm Wind (G50)
The Emergency Manager for Thurston county reported a thunderstorm wind gust estimated at around 60 mph. A storm chaser in the area estimated the winds around 70 mph as he tried to outride the gust.									
Butler County									
Surprise	16	1700CST			0	0			Hail(0.75)
Thurston County									
Walthill	16	1714CST			0	0			Hail(0.75)
Madison County									
Norfolk	16	1836CST			0	0			Hail(0.75)
Burt County									
Tekamah	16	1855CST			0	0			Hail(0.88)
Thurston County									
Pender	16	1930CST			0	0			Thunderstorm Wind (G55)
A ham radio operator estimated a thunderstorm wind gust of 65 mph in Pender. This was the second storm that produced winds estimated at over 60 mph that night around Pender.									
Colfax County									
5 SE Howells	16	1930CST			0	0			Thunderstorm Wind (G60)
The Emergency Manager for Colfax county reported thunderstorm winds blew down farm buildings southeast of Howells.									
Colfax County									
8 NE Schuyler	16	1945CST			0	0			Thunderstorm Wind (G55)
Thunderstorm wind gusts estimated at over 60 mph destroyed a farm building scattering the debris over 100 yards.									
Dodge County									
Snyder	16	1949CST			0	0			Thunderstorm Wind (G50)
From the same storm complex that produced the wind damage near Howells in Colfax county. These thunderstorm wind gusts were estimated by the Emergency Manager of Dodge county.									
Saline County									
Friend	16	1952CST			0	0			Hail(0.75)
Dodge County									
1 S Hooper	16	2002CST			0	0			Thunderstorm Wind (G50)
A thunderstorm wind gust estimated at 60 mph was reported by a ham radio operator.									
Dodge County									
Uehling	16	2010CST			0	0			Thunderstorm Wind (G55)
Emergency management reported thunderstorm wind gusts blew a roof off of a building in Uehling and also did considerable tree damage which also downed power lines in town.									
Dodge County									
Winslow	16	2010CST			0	0			Thunderstorm Wind (G60)
Thunderstorm winds estimated at over 65 mph damaged buildings and downed power lines near Winslow.									
Washington County									
Herman	16	2010CST			0	0			Thunderstorm Wind (G60)
Thunderstorm wind gusts downed power lines near Herman.									
Saunders County									
Ceresco	16	2011CST			0	0			Hail(0.75)
Lancaster County									
Raymond	16	2015CST			0	0			Hail(0.75)
Saunders County									
Ithaca	16	2020CST			0	0			Hail(0.75)
Douglas County									
20 W Omaha	16	2044CST			0	0			Hail(0.88)
Reported by law enforcement at the intersection of highways 92 and 275.									

Storm Data and Unusual Weather Phenomena

April 2002

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

Douglas County

Omaha	16	2045CST			0	0	Hail(0.88)
--------------	-----------	----------------	--	--	----------	----------	-------------------

Hail between dime and nickel size was reported at 149th and Blondo, 168th and Center and 204th and Center in west Omaha.

Dodge County

Fremont	17	1800CST			0	0	Hail(0.75)
----------------	-----------	----------------	--	--	----------	----------	-------------------

Washington County

Herman	17	1845CST			0	0	Hail(1.75)
---------------	-----------	----------------	--	--	----------	----------	-------------------

Burt County

8 SE Tekamah	17	1907CST			0	0	Hail(1.75)
---------------------	-----------	----------------	--	--	----------	----------	-------------------

NEZ093

Richardson	18	0048CST			0	0	100K	High Wind (G62)^M
-------------------	-----------	----------------	--	--	----------	----------	-------------	------------------------------------

Measured at the Falls City ASOS.

NEZ053-067>068-090>092 Sarpy - Cass - Otoe - Johnson - Nemaha - Pawnee

18	0059CST	0215CST			1	1	High Wind (G60)
-----------	----------------	----------------	--	--	----------	----------	------------------------

A strong low level jet was aided by weakening and dissipating showers and thunderstorms and produced a large area of strong and occasionally damaging gradient winds. The strong winds first made it into southeast Nebraska at 148 am cdt when the Falls City Asos measured wind speeds of 72 mph. These strong winds blew a mobile home over and destroyed a barn and lawn care equipment north of Falls City. In addition, there was widespread roof and tree damage in and out of Falls City and an insurance agency estimated that claims for damage alone in Falls City came to around \$100,000.

In Johnson and Pawnee counties the winds were estimated at around 70 mph by Emergency Management, and both counties reported extensive tree damage. Considerable damage was reported around Cook to barns, sheds and other outbuildings in addition to several windows blown out. Several outbuildings were unroofed or sustained heavy damage 2 miles west of Tecumseh. Both of those towns are in Johnson county. Trees were severely damaged or uprooted in Otoe county from around Lorton to Nebraska City at around 215 am cdt with winds estimated at between 60 and 70 mph.

The winds were also responsible for a five-vehicle pileup, because of blinding dust, which killed a 54-year-old man. Three cars had stopped along highway 2 outside of Nebraska City because of zero visibility in blowing dust. The cars had thought they had stopped on the shoulder of the highway, but due to the time of the night and poor visibility they had actually stopped in the left lane. Two semi-tractor trailer trucks hit the cars, the first one caused minor damage, but the driver of the second truck was killed when he smashed into the first truck. The strong winds began weakening as they made it north into Cass and Sarpy counties, but not before downing a few trees and power lines in Plattsmouth in Cass county, and giving an estimated wind gust of around 60 mph at Offutt Airforce Base around 315 am cdt. M54VE

Pierce County

6 SW Pierce	22	1720CST			0	0	Hail(0.75)
--------------------	-----------	----------------	--	--	----------	----------	-------------------

Wayne County

5 SW Carroll	22	1737CST			0	0	Hail(0.75)
---------------------	-----------	----------------	--	--	----------	----------	-------------------

Wayne County

7 E Wayne	22	1810CST			0	0	Hail(1.00)
------------------	-----------	----------------	--	--	----------	----------	-------------------

Stanton County

4 S Pilger	22	1820CST			0	0	Hail(1.00)
-------------------	-----------	----------------	--	--	----------	----------	-------------------

Sarpy County

Bellevue	24	0539CST			0	0	Hail(1.00)
-----------------	-----------	----------------	--	--	----------	----------	-------------------

Seward County

3 N Milford	24	0600CST			0	0	Hail(2.75)
--------------------	-----------	----------------	--	--	----------	----------	-------------------

Saunders County

1 N Wahoo	24	0705CST			0	0	Thunderstorm Wind (G50)
------------------	-----------	----------------	--	--	----------	----------	--------------------------------

Thunderstorm wind gusts of around 60 mph were reported by a ham radio operator.

Lancaster County

Malcolm	24	0705CST			0	0	Hail(1.25)
----------------	-----------	----------------	--	--	----------	----------	-------------------

Mothball size hail covered the ground near Malcolm.

Storm Data and Unusual Weather Phenomena

April 2002

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

NEBRASKA, East

Lancaster County

Lincoln	24	0707CST			0	0			Hail(1.75)
---------	----	---------	--	--	---	---	--	--	------------

Golfball size hail reported near 70th and Holdrege Streets.

Saline County

5 WSW Crete to 3 NW Crete	27	1406CST 1410CST	4.5	40	0	0			Tornado (F1)
------------------------------	----	--------------------	-----	----	---	---	--	--	--------------

This tornado was the first of 5 tornadoes that touched down in eastern Nebraska and southwest Iowa this afternoon, all of them under the classification of mini-supercells. This tornado was the longest lived, and was caught on video by storm chasers. It destroyed a barn, some fences, uprooted a few trees, overturned a few irrigation pivots and did minor house damage west of Crete.

Seward County

5 S Milford	27	1425CST	0.1	20	0	0			Tornado (F0)
-------------	----	---------	-----	----	---	---	--	--	--------------

A brief touchdown in open country caught on film by the same storm chaser that saw the larger tornado which did some damage west of Crete this particular afternoon.

NEBRASKA, Extreme Northeast

Dixon County

Dixon	16	1650CST			0	0			Hail(0.75)
-------	----	---------	--	--	---	---	--	--	------------

Dixon County

Newcastle	16	1709CST			0	0			Hail(0.75)
-----------	----	---------	--	--	---	---	--	--	------------

Dixon County

1 N Ponca	16	1715CST			0	0			Thunderstorm Wind (G52)
-----------	----	---------	--	--	---	---	--	--	-------------------------

NEBRASKA, Extreme Southwest

NONE REPORTED.

NEBRASKA, South Central

York County

3 NE Waco	16	1515CST			0	0	0	0	Thunderstorm Wind (G50)
-----------	----	---------	--	--	---	---	---	---	-------------------------

York County

1 W Mc Cool Jct	16	1538CST			0	0	0	0	Hail(1.00)
-----------------	----	---------	--	--	---	---	---	---	------------

NEZ039>041-046>049-060>064-072>077-082>087 Valley - Greeley - Nance - Sherman - Howard - Merrick - Polk - Dawson - Buffalo - Hall - Hamilton - York - Gosper - Phelps - Kearney - Adams - Clay - Fillmore - Furnas - Harlan - Franklin - Webster - Nuckolls - Thayer

16	1615CST 1900CST			0	0	0	0	High Wind
----	--------------------	--	--	---	---	---	---	-----------

Polk County

3 NE Shelby	16	1615CST			0	0	250K	0	Thunderstorm Wind (G57)
-------------	----	---------	--	--	---	---	------	---	-------------------------

Clay County

Edgar	16	1905CST			0	0	0	0	Hail(0.75)
-------	----	---------	--	--	---	---	---	---	------------

Nuckolls County

Oak	16	1920CST			0	0	0	0	Hail(0.75)
-----	----	---------	--	--	---	---	---	---	------------

Fillmore County

Shickley	16	1924CST			0	0	0	0	Hail(0.75)
----------	----	---------	--	--	---	---	---	---	------------

Thayer County

Davenport	16	1925CST			0	0	0	0	Hail(0.75)
-----------	----	---------	--	--	---	---	---	---	------------

A powerful low pressure pushed a dryline and cold front across south-central Nebraska during the late afternoon and early evening hours. Thunderstorms erupted along the initial boundary in Polk and York counties. Strong winds and hail resulted and there were numerous of building damage in the Shelby area along with widespread tree damage. Later that evening, thunderstorms fired again, this time southeast of Hastings. Several reports of dime size hail were received.

Storm Data and Unusual Weather Phenomena

April 2002

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

NEBRASKA, South Central

As the dryline plowed across south-central Nebraska during the early evening hours, the result was a scene reminiscent of the 1930s. Winds gusts in excess of 60 mph were recorded in some areas. Freshly tilled fields and recent dry weather made for widespread areas of blowing dust, which was responsible for visibilities less than one mile at times. The highest wind gust of 78 mph was recorded near Gothenburg. Lexington and Ord both measured 60 mph. There were several auto accidents in the area which were indirectly related to the wind and poor visibility.

Thayer County

Gilead	18	0010CST			0	0	0	0	Hail(1.00)
--------	----	---------	--	--	---	---	---	---	------------

One inch size hail covered the ground in Gilead.

NEBRASKA, West

Box Butte County

6 SW Hemingford	30	1817MST 1821MST			0	0			Hail(1.00)
-----------------	----	--------------------	--	--	---	---	--	--	------------

Box Butte County

Hemingford	30	1823MST 1827MST			0	0			Hail(0.88)
------------	----	--------------------	--	--	---	---	--	--	------------

Sioux County

43 S Harrison	30	2028MST 2031MST			0	0			Hail(0.75)
---------------	----	--------------------	--	--	---	---	--	--	------------

Sioux County

50 S Harrison	30	2257MST 2259MST			0	0			Hail(0.75)
---------------	----	--------------------	--	--	---	---	--	--	------------

NEVADA, North

NVZ033-035

X E Elko - White Pine

14		1500PST 1600PST			0	0	2K		High Wind (G53) ^M
----	--	--------------------	--	--	---	---	----	--	------------------------------

An approaching cold front produced wind gusts to 61 mph at the Ely RAWS in White Pine County and up to 58 mph at the Spring Gulch RAWS in extreme eastern Elko County. These strong winds did some damage to the roof and rain gutters of a weather spotter in Ruth and broke some tree limbs.

NVZ032-037

Sw & Sc Elko - S Lander & S Eureka

15		1000PST 2100PST			0	0			Heavy Snow
----	--	--------------------	--	--	---	---	--	--	------------

Six inches of new snow was reported at Eureka and Wells.

NEVADA, South

NVZ017

Western Clark/Southern Nye

15		0535PST 1600PST			0	0			High Wind (G53) ^M
----	--	--------------------	--	--	---	---	--	--	------------------------------

A very strong low pressure system moved across Nevada bringing high winds over much of the area.

NVZ017

Western Clark/Southern Nye

15		0900PST 1500PST			0	0	10K		Dust Storm
----	--	--------------------	--	--	---	---	-----	--	------------

A strong low pressure system caused visibilities to be reduced to less than a quarter mile for several hours in blowing dust. In addition to several trees and power lines down, schools were closed for much of the day. Motorists in the area experienced near zero visibilities for about 3 hours.

NVZ020

Las Vegas Valley

15		1150PST 1800PST			0	4	500K		High Wind (G62) ^M
----	--	--------------------	--	--	---	---	------	--	------------------------------

Storm Data and Unusual Weather Phenomena

April 2002

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

NEVADA, South

A strong low pressure system moved through southern Nevada causing damage throughout the Las Vegas Valley. The first report of high winds came around 11:50 am with gusts over 50 mph at many locations. By 1:00 pm winds were gusting over 70 mph at a few locations with the Las Vegas weather office reporting a wind gust of 69 mph at 1:49 pm. Damage was widespread with many trees uprooted, power lines down, tractor trailers blown over, and several automobile accidents. The high winds also caused the Harrah's kiosk on the Strip to blow over, injuring four tourists. Due to the high winds and blowing dust, McCarran International Airport was shut down to all air operations for approximately two hours with several planes being diverted to other southwestern airports. The high winds also caused extremely unhealthy air qualities and local hospitals were reportedly extremely busy due to people suffering allergies.

NVZ015

Lincoln County Except The Sheep Range

15	1220PST 1600PST	0	0	300K	High Wind (G72)
-----------	----------------------------	----------	----------	-------------	------------------------

A strong low pressure system caused considerable damage to portions of Lincoln County. Shingles were blown off many roofs, several empty buildings were blown down, power outages were wide spread, down power lines started many fires across town, and several wind caused rock slides causing people to be stranded were reported. Because of this, the County Commissioner declared a state of emergency and closed the county.

NVZ021

Lake Mead/Lake Mohave National Recreation Area

15	1300PST 1800PST	0	1	100K	High Wind (G55)
-----------	----------------------------	----------	----------	-------------	------------------------

A strong low pressure system brought high winds to the Lake Mead Recreation Area. Several locations on the Nevada side of the lake reported damage including an overturned houseboat that required rescue operation. One person sustained severe injuries and was taken to a local hospital. Damage included several trees downed, several signs blown over, and shingles blown off homes and park service buildings. Boat docks in the Echo Bay area broke loose and were destroyed.

NEVADA, West

NVZ003

Greater Reno/Carson City/Minden Area

14	1200PST 2200PST	0	0	150K	High Wind (G70)^M
-----------	----------------------------	----------	----------	-------------	------------------------------------

Numerous reports of winds gusting to over 60 mph with isolated gusts over 70 mph as a strong cold front moved into the region. The winds caused scattered tree and roof damage around the area along with some power outages.

NVZ003

Greater Reno/Carson City/Minden Area

16	1400PST	0	0		High Wind (G53)^M
-----------	----------------	----------	----------	--	------------------------------------

Public report of 59 mph wind gust in northwest Reno.

NEW HAMPSHIRE, North and Central

NHZ002>005

Southern Coos - Northern Grafton - Northern Carroll - Southern Grafton

13 20	2030EST 2115EST	0	0		Flood
------------------	----------------------------	----------	----------	--	--------------

Low pressure moving northeast from the Ohio Valley on the 13th brought 1 to 3 inches of rain to the northern part of the state. The heavy rain combined with snow melt to cause minor flooding along the Connecticut, Pemigewasset, and Saco Rivers.

The Connecticut River at Dalton rose above the 17 ft flood stage at around 7 am on the 14th and remained above flood stage until 10:15 pm on the 20th, reaching a crest of 21.4 ft at 12:15 am on the 16th. At Wells River, the Connecticut River rose above the 11 ft flood stage at around 11 pm on the 14th and remained above flood stage until 4:45 pm on the 15th, reaching a crest of 11.2 ft at 11:30 am on the 15th. Additional rainfall on the 15th and continued snowmelt caused the Connecticut at Wells River to again rise above flood stage at 11:30 am on the 16th; the river remained above flood stage until 4:30 am on the 18th, reaching a crest of 12.3 ft at 11:15 pm on the 16th. At West Lebanon, the Connecticut River rose above the 18 ft flood stage at around 1 am on the 14th and remained above flood stage until 10:30 pm on the 14th, reaching a crest of 22.2 ft at 8:45 am on the 15th.

The Saco River at North Conway rose above the 9 ft flood stage at around 4 am on the 14th and remained above flood stage until 7:45 pm on the 14th, reaching a crest of 11.5 ft at 11:30 am on the 14th.

The Pemigewasset River at Woodstock rose above the 9 ft flood stage at around 9:30 pm on the 13th and remained above flood stage until 12:30 pm on the 14th, reaching a crest of 12.3 ft at 2:30 am on the 14th. At Plymouth, the Pemigewasset River rose above the 13 ft flood stage at around 6:45 am on the 14th and remained above flood stage until 10:15 pm on the 14th, reaching a crest of 15.4 ft at 1:00 pm on the 14th.

Storm Data and Unusual Weather Phenomena

April 2002

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

NEW HAMPSHIRE, North and Central

NHZ003>009	Northern Grafton - Northern Carroll - Southern Grafton - Southern Carroll - Sullivan - Merrimack - Belknap								
	22	1100EST			0	0			Snow
	23	0500EST							

A late season winter-like storm dropped 1 to 4 inches of snow across much of southern and central New Hampshire. While many of the reports were in the 1 to 3 inch range, the town of Washington in southeastern Sullivan County reported the 4 inches of snow.

NHZ004-006>010-013>014	Northern Carroll - Southern Carroll - Sullivan - Merrimack - Belknap - Strafford - Interior Rockingham - Coastal Rockingham								
	25	1900EST			0	0			Snow
	26	0100EST							

A late season winter-like storm dropped 1 to 4 inches of snow across parts of southern and central New Hampshire. While many of the reports were in the 1 to 2 inch range, the town of Alton in eastern Belknap County reported between 4 and 4.5 inches of snow.

NHZ001>002	Northern Coos - Southern Coos								
	28	1000EST			0	0			Snow
	29	0900EST							

An area of low pressure moving east from the Great Lakes brought a late-season snowfall to the northern part of the state. The greatest amounts fell in Coos County where snowfall amounts generally ranged from 2 to 3 inches. Elsewhere, the precipitation fell mainly as rain.

NEW HAMPSHIRE, Southern

NONE REPORTED.

NEW JERSEY, Northeast

NJZ002>006-011	Western Passaic - Bergen - Eastern Passaic - Essex - Hudson - Union								
	01	0000EST			0	0			Drought
	30	2359EST							

A wetter pattern developed during late March that lasted through April. Although April precipitation amounts rebounded, they still remained slightly below normal. April was the tenth consecutive month of below normal precipitation across the region. Sixteen of the past 19 months, since October 2000, have been below normal. The total precipitation deficit during the past 19 months was 18.56 inches. The total deficit during the past 10 months was 15.11 inches. The region averaged 3.81 inches for April, which was 93 percent of normal. Precipitation averaged 74 percent of normal during the past 19 months and 60 percent of normal during the past 10 months.

The combined storage in the 13 major reservoirs serving northeast New Jersey at the end of the month was at 64.7 percent capacity, which was 32 percent below normal. Capacities in the individual reservoirs at the end of the month were:

Newark Reservoirs	56.7% (Percent capacity)
Jersey City Reservoirs	74.6%
North Jersey District	64.8%
United Water of New Jersey	64.5%

Although streamflows remained below normal during April, there was some improvement during the wetter pattern. Flows in the less than 10 percent range on April 23rd included the Saddle River at Ridgewood and Lodi, Passaic River at Little Falls, Pascack Brook at Westwood, Ramapo River at Mahwah, Ringwood Creek at Wanaque, Pompton River at Pompton Plains and the Rahway River at Rahway.

Ground-water levels continued at or near record lows.

Water conservation declarations were upgraded across the region, consistent with the persistent drought conditions. Passaic, Bergen, Essex, Hudson, and Union Counties remained under a state-wide Drought Emergency since March 4th.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEW JERSEY, Northeast</u>									
Passaic County									
West Milford to Pompton Lakes	19	1600EST 1615EST			0	0			Hail(1.75)
Passaic County									
Wayne	19	1624EST			0	0			Hail(0.75)
Bergen County									
Saddle Brook to Dumont	19	1640EST 1648EST			0	0			Hail(1.00)
Bergen County									
Oakland to Ft Lee	19	1643EST 1823EST			0	0			Flash Flood
Bergen County									
North Arlington	19	1645EST			0	0			Thunderstorm Wind (G50)
Essex County									
Fairfield to Newark	19	1645EST 1700EST			0	0			Thunderstorm Wind (G66) ^M
Essex County									
West Caldwell	19	1645EST			0	0			Hail(0.75)
Union County									
Springfield to Elizabeth	19	1653EST 1703EST			0	1			Thunderstorm Wind (G55) ^M
Union County									
Elizabeth	19	1654EST			0	0			Hail(0.88)
Hudson County									
Kearny to Jersey City	19	1700EST 1713EST			0	0			Thunderstorm Wind (G60)
Essex County									
Belleville to Bloomfield	19	1702EST 1715EST			0	0			Thunderstorm Wind (G70)
Essex County									
Fairfield to Nutley	19	1702EST 1811EST			0	0			Flash Flood
Hudson County									
Jersey City	19	1705EST			0	0			Funnel Cloud
Union County									
Kenilworth to Hillside	19	1710EST 1715EST			0	0			Thunderstorm Wind (G70)
Bergen County									
Cliffside Park to Hackensack	19	1714EST 1715EST			0	0			Thunderstorm Wind (G50) ^M

Severe thunderstorms produced large hail, damaging winds, torrential rain, and frequent lightning at several locations across Northeast New Jersey.

Here are selected reports of hail from NWS Skywarn Spotters:

Western Passaic County - 1.75-inch diameter hail (golf ball) in Western Passaic, 1.00-inch diameter hail in West Milford, and 0.75-inch diameter hail in Pompton Lake

Eastern Passaic County - 0.75-inch diameter hail in Wayne

Bergen County - from 0.75-inch diameter hail in Saddle Brook to 1.00-inch diameter hail in Dumont

Essex County - 0.75-inch diameter hail in West Caldwell

Union County - 0.88-inch diameter hail in Elizabeth

Storm Data and Unusual Weather Phenomena

April 2002

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

NEW JERSEY, Northeast

High winds downed many trees and power lines across the region. Here are selected reports of damaging winds:

Bergen County - A spotter's wind system measured a wind gust to 58 mph in Cliffside Park at 6:14 pm EDT. High winds cause a crane collapse in Hackensack at 6:15 pm EDT.

Essex County - High winds downed numerous trees and power lines across the county. In West Caldwell, several large trees and power lines were downed. In Newark, trees fell onto Columbus Hospital, which caused it to close. In Bloomfield, spotters reported damage to roofs, shingles, and siding on many houses. The NWS ASOS system measured a peak wind gust to 76 MPH at Newark Airport at 5:48 pm EDT. A spotter's wind system in Fairfield measured at peak wind gust of 59 MPH at 5:50 pm EDT.

Union County - Spotters reported that at least 75 trees were downed, some of which fell on power lines, and damaged cars along with a roof collapse in Hillside. Spotters' wind systems measured a 63 MPH wind gust in Garwood at 6:03 pm EDT and a 60 MPH wind gust in Elizabeth at 6:00 pm EDT. In Union, 1 tree fell on and injured 1 person near the intersection of Stuveson and Oakland Streets, which caused head trauma.

Hudson County - Spotters reported a funnel cloud at the Manhattan Ave. and Kennedy Blvd. intersection in Jersey City at 6:05 pm EDT. They also reported multiple gustnadoes in Jersey City. Five 2 1/2 story framed houses under construction collapsed and a 20 story high crane snapped in Jersey City.

Torrential rain caused widespread flooding of streets and poor drainage areas across central and southern Bergen County south of a line from Oakland east to Westwood and across extreme northern Essex County from Fairfield east to Nutley. Heavy rain also produced localized flooding of streets and poor drainage areas across extreme northern Hudson County (north of North Bergen) and extreme northern Union County from Summit east to Elizabeth. Here are selected flash flood reports provided by NWS Skywarn spotters:

In Bergen County - At 6:05 pm EDT, water ponded up to 1 feet and covered many streets in South Hackensack. At 6:28 pm EDT, a police officer rescued a mother with her child, who became trapped in a car with rapidly rising flood waters at the intersection of Route 17 and Franklin Ave. in Hasbrouck Heights. Significant street flooding was reported at several other locations within Bergen County.

In Essex County - At 6:02 pm EDT, water ponded up to 1 feet and covered many streets in Bloomfield.

NEW JERSEY, South and Northwest

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

01	0000EST	0	0	0	0	Drought
30	0000EST					

New Jersey entered April 2002 with a drought emergency in effect for the entire state with mandatory watering restrictions in place. Water usage statewide was down about 5 to 10 percent. March 2002 was the first month since June of 2001 where the statewide average precipitation was wetter than normal. This trend continued during April. The preliminary statewide average precipitation total for the month of April was 4.06 inches. Normal is 3.93 inches.

In spite of improving conditions, the long run of below normal precipitation was still taking its toll on the state. The state developed contingency plans to draw 25 million gallons of water a day from Lake Hopatcong starting in the summer and transfer it into the Rockaway River for the Boonton Reservoir. The Department of Environmental Protection (DEP) was developing plans to also draw water from Lake Wawayanda. The DEP also requested that all water companies must detail how much water they were losing through leaky pipes and other failures and how they plan on reducing those losses. It was estimated that 15 percent of all water pumped each day is lost. The DEP also required the New Jersey American Water Company to take as much water as possible from the Elizabethtown Water Company in central New Jersey (where water conditions were the best) for northeast New Jersey. The Morris County Municipal Utilities Authority banned all watering of lawns. Two Roxbury (Morris County) Township wells were shut down because of low levels. The moratorium on all connections to the system were extended through July. Along with the water restrictions came a ban on controlled burns as the Forest Service was in the spring fire season. Recreational fires and open burns had to be coordinated with the New Jersey Forest Fire Service. Only outdoor barbecues and religious ceremonies that involved a fire were not banned. Through April 15th there were 714 wildfires in New Jersey in 2002 vs 223 in 2001. It was the busiest winter season for the Forestry Service in over 30 years.

Effects of the drought on individual counties New Jersey entered April 2002 with a drought emergency in effect for the entire state

Storm Data and Unusual Weather Phenomena

April 2002

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

NEW JERSEY, South and Northwest

with mandatory watering restrictions in place. The Morris County Municipal Utilities Authority banned all watering of lawns. Two Roxbury (Morris County) Township wells were shut down because of low levels. Netcong Borough (Morris County) banned using municipal water for filling swimming pools. The moratorium on all connections to the system were extended through July. In Branchburg (Somerset County), plans for a township park well were scrapped because of its effect on neighboring homeowner's wells. Gloucester County had drilled more replacement groundwater wells in April than all of 2001 combined. Many townships either scaled back or canceled their spring landscaping plantings. In Cape May County, the salt water intrusion reached well inland from the southern tip of the county.

The drought had other affects across the area. Nurseries continued to struggle as consumers were reluctant to buy plants, shrubs and other big ticket items. Some tree nursery sales were down as much as 90 percent. In order to assist the landscaping industry, watering restrictions were relaxed a bit on April 30th for a two month period. Lawn watering was permitted twice weekly in the southwest, northwest and coastal south drought regions. It was already permitted in the central and north coastal drought areas. The annual trout stocking proceeded, but nine locations in the northwest part of the state were not stocked because of low water levels. Wildlife in general was expected to be threatened by higher concentrations of lawn chemicals, pesticides, septic runoff and pollutants in the streams. The lower water levels in lakes and ponds was expected to lead to more vegetation growth, warmer water temperatures, less oxygen and more fish kills. It was also feared that the spawning of bass will be threatened because their nests may be high and dry. Some local sewage authorities were making treated wastewater available to be used for street sweeping, roadside plantings, cleaning sewers and landscaping purposes.

The Delaware River Basin Commission, which oversees water supply throughout the Delaware River Basin declared a "drought" on December 3, 2001 when the supply of water in the New York City reservoir system dropped below a designated level for early December. The commission declared a drought emergency on December 18, 2001. Both triggered additional reductions in the amount of water released from the reservoirs into the Delaware River and the amount diverted out of the Delaware River Basin to New York City and New Jersey. Diversions to New York City dropped from 800 million gallons a day to 520 million gallons a day. The emergency declaration gave the commission the power to restrict the amount of water suppliers could draw from the basin. It gave the commission the authority to take water from municipal reservoirs to maintain river levels. It could also call for water releases from federal, state and privately owned reservoirs. Water from Lake Nockamixon, the F.E. Walter Reservoir and Lake Wallenpaupack could be used to maintain river levels. They were last used for this purpose in the 1960s. The releases help protect the riverbank and aquatic life and also prevents salt water from flowing up the Delaware River. Salt water intrusion causes corrosion problems for industries and increases water treatment costs for municipalities that depend on the river for their water supply. Maintaining river levels are also important for groundwater reserves that are recharged by the river itself. On April 1st, the salt front along the Delaware River was eight miles farther upstream than its normal April position. The emergency declaration also gives the commission the power to request that utilities and other companies that use more than one million gallons of water a day to prepare contingency plans to use less water and submit the plans to the commission.

Conditions though improved in New Jersey as April wore on. Enough topsoil moisture was available for the spring planting and germination of crops by farmers. Groundwater wells were rising, but were still near record lows. The steady rain decreased the chance of a deep turf forest fire. For the first time in over half a year the Mullica and Great Egg Rivers in southern New Jersey had normal streamflow. The Northern New Jersey reservoirs increased from about 48 percent to 60 percent of capacity during the month. Normal for April 30th is about 95 percent of capacity. The Round Valley Reservoir in Hunterdon County was over 90 percent full. The New York City Reservoirs which feed the Delaware River increased from 50.2 percent of capacity on April 1st to 62.5 percent of capacity on May 1st. Normal for May 1st is 100 percent of capacity.

On a county weighted average, April monthly precipitation totals ranged from 2.4 inches in Monmouth County to 5.6 inches in Cumberland County. The normal statewide average is 3.93 inches. The least precipitation fell across the central third of the state, while precipitation was wetter than normal elsewhere in the state. Monthly precipitation totals were 4.08 inches at the Atlantic City International Airport and 3.03 inches in Trenton.

Sussex County

Vernon

02	1500EST	0	0	0	0	Wild/Forest Fire
03	0600EST					

A fast moving brush fire developed off of County Route 517 in Vernon Township during the afternoon of the 2nd. Gusty winds in excess of 20 mph helped spread the fire toward the northwest. The fire scorched pieces of the Appalachian Trail and jumped low running streams. The fire was contained within 50 yards of about five homes. Homes on Carol Drive, Susan Terrace and Meadowlark Drive were evacuated and County Route 517 was closed as a precaution. Except for some hot spots, the fire was extinguished and under control by the morning of the 3rd. No serious injuries or property damage were reported. About 50 acres of brush were destroyed by the fire.

Cape May County

Belleplain

03	1530EST	0	0	0	Thunderstorm Wind (G50)
-----------	----------------	----------	----------	----------	--------------------------------

A severe thunderstorm pulled down wires in Belleplain.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEW JERSEY, South and Northwest</u>									
Atlantic County									
Somers Pt	03	1553EST 1603EST			0	0			Hail(0.75)
A severe thunderstorm dropped hail as large as penny size in Somers Point for about 10 minutes. The hail was so persistent that motorists pulled over at underpasses along the Garden State Parkway to protect their vehicles. Wind gusts were estimated to reach 55 mph during the storm along with marble size hail elsewhere in Somers Point.									
Atlantic County									
Mizpah	18	1530EST			0	0	0		Lightning
Atlantic County									
Mizpah	18	1530EST 1630EST			0	0	0		Wild/Forest Fire
An active thunderstorm caused a couple of lightning strike damage in Hamilton Township during the late afternoon of the 18th. Lightning strikes started a couple of small brush fires, struck a senior citizen center and damaged the township's emergency center telephone lines and radio communications.									
Gloucester County									
Westville	18	1630EST			0	2	0	0	Lightning
A male dentist and his female assistant were indirectly struck by lightning as they were walking in a yard at 530 p.m. EDT in Westville. The bolt struck a large tree 20 feet from the dentist's office and then struck them. The dentist was more seriously injured and went into cardiac arrest. He was revived with a defibrillator.									
Camden County									
Collingswood	18	1730EST 1830EST			0	0	0		Flash Flood
Thunderstorms with heavy rain caused considerable poor drainage flooding and flooding of some smaller streams in northern Camden County in and around Collingswood. Doppler Radar storm total estimates reached between 3 and 4 inches, most of which fell within an hour. No serious injuries were reported.									
Warren County									
Franklin Grove	19	1330EST 2200EST			0	0	0		Wild/Forest Fire
A lightning strike started a forest fire in Hardwick Township. The fire consumed three acres before it was contained. It was stopped about 300 feet from a home. The fire was under control during the that evening (the 19th). Other lightning strikes started small fires in Montague and Lake Owassa in Sussex County. These fires caused little damage and threatened no properties.									
Sussex County									
4 NW Colesville	19	1430EST			0	0	0		Lightning
A lightning strike at the High Point State Park office damaged their two-way radio communications.									
Sussex County									
Colesville	19	1455EST			0	0			Hail(0.75)
Sussex County									
Colesville	19	1455EST			0	0			Thunderstorm Wind (G52)
A severe thunderstorm ripped down several trees and utility poles and dropped hail as large as pennies in Wantage Township. One tree fell on a parked vehicle, but no injuries were reported.									
Sussex County									
Branchville	19	1537EST			0	0			Thunderstorm Wind (G52)
A severe thunderstorm knocked over a couple of trees and dropped pea size hail in Branchville Borough									
Sussex County									
Lafayette	19	1550EST			0	0			Hail(0.75)
Sussex County									
3 W Byram Cave	19	1605EST			0	0			Hail(1.00)
Sussex County									
Tranquility	19	1605EST			0	0			Thunderstorm Wind (G52)
A severe thunderstorm tore down power lines and trees onto County Routes 519 and 611 in Green Township and several other trees were also knocked down on pieces of property. The same storm dropped hail as large as quarters near Lake Lackawanna in Byram Township.									
Morris County									
Butler	19	1615EST			0	0			Thunderstorm Wind (G57)
A severe thunderstorm knocked down numerous trees along a one eighth of a mile path in Butler Borough. Several large trees over									

Storm Data and Unusual Weather Phenomena

April 2002

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

100 feet tall and 100 years old were either snapped or uprooted. Numerous wires were also torn down in the borough.

Morris County

Woodstock to Budd Lake	19	1615EST 1620EST			0	0	Thunderstorm Wind (G56)
-------------------------------	-----------	----------------------------	--	--	----------	----------	--------------------------------

A severe thunderstorm knocked down numerous trees in Jefferson and Rockaway Townships and also in Budd Lake within Mount Olive Township. A few of the trees knocked down in Rockaway Township were oak trees that were over 100 feet tall and 100 years old. A trained SKYWARN Spotter in the township measured a wind gust of 56 mph.

Morris County

Morris Plains to Chatham	19	1630EST 1645EST			0	0	Thunderstorm Wind (G61)
---------------------------------	-----------	----------------------------	--	--	----------	----------	--------------------------------

Morris County

Whippany	19	1630EST			0	0	Hail(1.00)
-----------------	-----------	----------------	--	--	----------	----------	-------------------

A severe thunderstorm caused considerable tree damage and dropped hail as large as quarters across eastern parts of Morris County. In Morris Plains Borough, one tree fell on an occupied vehicle, but no injuries occurred. In Parsippany, a tree fell through the addition of one house. In Florham Park Borough, trees took down numerous power lines and fell on one unoccupied vehicle. Most of the borough lost power. In Cedar Knolls, downed trees blocked a roadway. In Chatham Borough, one intersection was completely blocked by fallen trees. A large tree fell through the roof of one home and heavily damaged the second floor. In Chatham Township, trees damaged homes on two blocks and also damaged the Chatham Emergency Squad Building. Wind gusts were estimated to reach 70 mph. Jersey Central Power and Light reported about 10,000 residents lost power in northwest New Jersey because of the severe thunderstorms. Most of the power was restored by 10 p.m. EDT that evening.

Monmouth County

5 NE Atlantic Highlands Neptune	19	1730EST			0	0	Thunderstorm Wind (G52)^M
--	-----------	----------------	--	--	----------	----------	--

The gust front from a severe thunderstorm produced damaging winds along coastal Monmouth County from Sandy Hook south to Neptune Township. Trees were knocked down in Eatontown, Shrewsbury and Neptune Townships. Several cars were damaged by fallen trees, a few were tossed over in Shrewsbury. In Ocean Township, portable roadway signs were tossed by the high winds. A wind gust to 60 mph was measured at the Sandy Hook Coast Guard station.

Morris County

East Hanover	19	1915EST			0	0	Hail(0.88)
---------------------	-----------	----------------	--	--	----------	----------	-------------------

Warren County

Phillipsburg	28	1845EST			0	0	Thunderstorm Wind (G50)
---------------------	-----------	----------------	--	--	----------	----------	--------------------------------

A severe thunderstorm knocked down trees and power lines along U. S. Route 22 in Phillipsburg.

Cumberland County

2 E Shiloh to Millville	28	2105EST 2120EST			0	0	Thunderstorm Wind (G50)
--------------------------------	-----------	----------------------------	--	--	----------	----------	--------------------------------

A severe thunderstorm knocked down several trees and wires in Cumberland County from Hopewell Township east through Millville. Power outages were reported in Hopewell Township. Pea to marble size hail also fell during the thunderstorm. The peak wind gust at Millville Municipal Airport was 52 mph.

Atlantic County

Weymouth	28	2125EST			0	0	Hail(0.75)
-----------------	-----------	----------------	--	--	----------	----------	-------------------

Dime size hail fell in Weymouth Township. Farther east from Estell Manor east through Margate pea to marble size hail fell.

Cape May County

Dennisville	28	2140EST			0	0	Thunderstorm Wind (G50)
--------------------	-----------	----------------	--	--	----------	----------	--------------------------------

Damaging winds from a severe thunderstorm tore down numerous large tree limbs in Dennis Township, especially in Dennisville.

NEW MEXICO, Central and North

NMZ002>021-026

Northwest Mountains Including Jemez - Upper Rio Grande Valley - Sangre De Cristo Mountains - Northeast Highlands - Harding - Far Northeast Plains - Westcentral Mountains - Middle Rio Grande Valley - Sandia/Manzano Mountains - Central High Plains/Estancia Valley County - Conchas Lake/Guadalupe - Quay - Southwest Mountains/Upper Gila Region - Lower Rio Grande Valley - Lincoln County High Plains/Hondo Valley - Capitan/Northern Sacramento Mountains - De Baca - Chaves County Plains - Roosevelt - Curry - Guadalupe Mountains Of Chaves County

01	0001MST				0	0	Drought
30	2359MST						

Dry conditions prevailed throughout the month for much of northern and central New Mexico. Afternoon breezes fanned several fires into major fire storms and elsewhere poor nighttime recovery of humidity levels left forest crews struggling to contain smaller blazes. Several cities have begun mandatory water restrictions. National forests are still open to public use, but with bans on any

Storm Data and Unusual Weather Phenomena

April 2002

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

NEW MEXICO, Central and North

types of open flames. Farmers and cities face prospects of less than 40 percent of normal spring snow melt runoff with reservoir storage levels already near 25 to 50 year low points.

Catron County

Central Portion	01 03	1200MST 1200MST			0	0			Wild/Forest Fire
------------------------	----------	--------------------	--	--	---	---	--	--	-------------------------

A small lightning caused fire that began several days earlier in south central Catron county was fanned into a extremely fast moving wildfire that raced through the tree tops and consumed 37,000 acres of timber and grassland. Crews struggled with little control of the blaze known as the Middle Fire until a storm system moved northeast from the Pacific Ocean and brought welcome higher humidity, plus rain and snow showers that dampened much of the blaze.

Harding County

5 N Mills	12	1655MST			0	0			Hail(1.00)
-----------	----	---------	--	--	---	---	--	--	-------------------

Colfax County

2 SW Abbott	12	1800MST			0	0			Hail(0.88)
-------------	----	---------	--	--	---	---	--	--	-------------------

Harding County

Bueyeros	12	1920MST			0	0			Hail(0.75)
----------	----	---------	--	--	---	---	--	--	-------------------

Quay County

Nara Visa	12	2230MST			0	0			Hail(1.00)
-----------	----	---------	--	--	---	---	--	--	-------------------

Quay County

Nara Visa	13	0050MST			0	0			Funnel Cloud
-----------	----	---------	--	--	---	---	--	--	---------------------

Quay County

Nara Visa	13	0102MST			0	0			Hail(1.75)
-----------	----	---------	--	--	---	---	--	--	-------------------

NEW MEXICO, South Central and Southwest

NONE REPORTED.

NEW MEXICO, Southeast

Eddy County

Carlsbad	15	1835MST 1838MST			0	0	8K	0	Dry Microburst
----------	----	--------------------	--	--	---	---	----	---	-----------------------

A dry microburst resulted from virga showers damaging a trailer house and storage barn in Carlsbad on the 15th. Part of the roof of a single wide trailer was ripped off. A storage barn was also heavily damaged. No injuries were reported...and damage amounts are estimated.

Lea County

20 W Jal	26	1900MST			0	0	5K	0	Hail(2.75)
----------	----	---------	--	--	---	---	----	---	-------------------

Lea County

15 NW Jal	26	1915MST 1930MST			0	0	10K	0	Hail(2.75)
-----------	----	--------------------	--	--	---	---	-----	---	-------------------

Lea County

15 W Jal	26	1925MST			0	0	3K	0	Hail(2.00)
----------	----	---------	--	--	---	---	----	---	-------------------

An isolated and very strong supercell developed in the Upper Trans Pecos region of West Texas and moved northeast across Lea County, New Mexico during the evening of the 26th. The storm developed near a sharpening dryline as moisture began to return to the region following a strong cold frontal passage on the 25th. Golfball to baseball size hail covered the ground in areas. Damage was reported to a few vehicles...including broken windows...in rural parts of Lea County. Crop damage was not reported

NEW YORK, Central

Chenango County

Coventry	17	1951EST			0	0			Thunderstorm Wind (G60)
----------	----	---------	--	--	---	---	--	--	--------------------------------

Trees down.

Storm Data and Unusual Weather Phenomena

April 2002

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

NEW YORK, Central

Steuben County

Canisteo	28	1517EST			0	0	10K		Thunderstorm Wind (G60)
Tree fell on house.									

Steuben County

Hornell	28	1517EST			0	0			Thunderstorm Wind (G60)
Tree down.									

Broome County

Glen Aubrey	28	1725EST			0	0	5K		Lightning
Lightning struck a house causing it to catch on fire.									

NEW YORK, Coastal

NYZ067>081

Orange - Putnam - Rockland - Northern Westchester - Southern Westchester - New York (Manhattan) - Bronx - Richmond (Staten Is.) - Kings (Brooklyn) - Queens - Nassau - Northwest Suffolk - Northeast Suffolk - Southwest Suffolk - Southeast Suffolk

01	0000EST				0	0			Drought
30	2359EST								

A wetter pattern developed during late March that lasted through April. Although April precipitation amounts rebounded, they still remained slightly below normal. April was the tenth consecutive month of below normal precipitation across the region. Sixteen of the past 19 months, since October 2000, have been below normal. The total precipitation deficit during the past 19 months was 18.56 inches. The total deficit during the past 10 months was 15.11 inches. The region averaged 3.81 inches for April, which was 93 percent of normal. Precipitation averaged 74 percent of normal during the past 19 months and 60 percent of normal during the past 10 months.

The combined storage in the New York City reservoir system at the end of the month was at 64.5 percent capacity, which was 34.0 percent below normal. Capacities in the individual reservoirs at the end of the month were:

Croton System	79.6% (Percent capacity)
Roundout Reservoir	94.6%
Ashokan Reservoir	53.4%
Schoharie Reservoir	62.5%
Cannonsville Reservoir	60.4%
Pepcaton Reservoir	58.9%
Neversink Reservoir	57.6%

The combined storage in the Upper Delaware River Basin at the Neversink, Pepcaton and Cannonsville Reservoirs was 59.3 percent capacity (approximately 160.5 billion gallons). This was 107.7 billion gallons below normal, or 40.2 percent below normal levels.

Although streamflows remained below normal during April, there was some improvement during the wetter pattern. Flows in the less than 10 percent range on April 23rd included the Delaware River at Port Jervis and the Mahwah River at Suffern.

Ground-water levels continued at or near record lows.

Water conservation declarations were upgraded across the region, consistent with the persistent drought conditions

On the 11th, the New York State Department of Environmental Conservation's (NYSDEC) upgraded the Drought Watch to a Drought Warning for Nassau and Suffolk Counties, bringing all counties in extreme Southeast NY from Orange and Putnam Counties south, including NYC, under a Drought Warning.

Orange County

Central Portion	19	1458EST			0	0			Hail(0.88)
------------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Orange County

Chester to Blooming Grove	19	1515EST 1528EST			0	0			Hail(0.88)
----------------------------------	-----------	----------------------------	--	--	----------	----------	--	--	-------------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>NEW YORK, Coastal</u>									
New York County									
New York	19	1700EST 1705EST			0	2			Thunderstorm Wind (G50)
Queens County									
College Pt to Bayside	19	1708EST 1711EST			0	0			Thunderstorm Wind (G60) ^M
Kings County									
Brooklyn	19	1710EST 1715EST			1	0			Thunderstorm Wind (G52)
		M40EQ							
Richmond County									
Richmond	19	1710EST			0	0			Thunderstorm Wind (G52)
Nassau County									
Garden City	19	1740EST			0	0			Thunderstorm Wind (G50)

Severe thunderstorms produced large hail in Orange County and damaging winds and frequent lightning across parts of the NYC Metropolitan Area.

Here are selected reports of hail from NWS Skywarn Spotters:

Orange County -- 0.88-inch diameter hail in Gardnerville (Central Portion of Orange County), 0.75-inch diameter hail in Chester, and 0.88-inch diameter hail in Blooming Grove.

Here are selected reports of damaging winds:

Richmond County (Staten Island) - High winds downed trees.

New York County (Manhattan) - High winds caused debris to blow off buildings, which resulted in 2 injuries near the intersection of Whitehall and Water Streets. They also caused a scaffold collapse and snapped off a construction sign at its' base near the front of 520 First Avenue.

Kings County (Brooklyn) - High winds caused a 15 foot tall cinderblock (freestanding) wall to fall on and kill 1 man that was walking in front of it on 78 Ingram Street. They also caused a partial building collapse, which trapped, but did not injure construction workers.

Queens County - Spotters reported downed trees in Bayside and College Point. The NWS ASOS System at LaGuardia Airport reported a peak wind gust to 69 MPH at 6:08 pm EDT.

Nassau County - Spotters reported that high winds downed trees across the Long Island Railroad tracks in Garden City

Suffolk County

Bayport

	28	0715EST			1	0			Rip Currents
--	----	---------	--	--	---	---	--	--	---------------------

With a high pressure system over New England, winds and waves sharply increased during Sunday morning as a warm front moved northeast toward the region.

Buoy 44025, located about 20 miles south of Fire Island Inlet, measured a sharp increase in south to southeast winds, significant wave heights, and wave steepness during this time. Wind speeds increased to near 25 knots, with gusts approaching 30 knots, as significant wave heights rose to near 5 feet.

Waves (rough seas) hit a boat broadside and threw an experienced 51 year old man into the water, where he drowned following an unsuccessful rescue attempt in the Great South Bay near Bayport.

M51BO

Storm Data and Unusual Weather Phenomena

April 2002

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

NEW YORK, East

NYZ032>033-038>039-041>043-050 **Northern Herkimer - Hamilton - Southern Herkimer - Fulton - Northern Saratoga - Warren - Washington - Southern Saratoga**

13	2300EST	0	0	Flood
29	0900EST			

A one to two inch widespread rainfall across the Adirondack water shed, resulted in a rapid melting of the residual winter snow pack. The combination of the rain and melting snow led to a rapid runoff, which set the stage for many streams and rivers to rise above flood stage. The Sacandaga River was the first to rise above its 7.0 flood stage at Hope, Fulton County, late on the evening of April 13. The river crested at 7.88 feet by 400 am on the 14th. The Moose River was next to come out of its banks by early on the 14th, surpassing the flood stage of 11.0 feet at McKeever, and cresting around midday at 12.07. The West Canada Creek swelled out of its banks at Hinckley, exceeding the 1227 foot flood stage by midday on the 14th. The creek crested at 1228.42 feet by midday on the 15th. The rapid runoff also brought rises on the Schroon River on the morning of the 15th, surpassing the 7.0 foot flood stage at Riverbank, and not cresting until early morning on the 17th at 7.55 feet. The Mettawee River at Granville exceeded the 7.0 flood stage midday on the 15th and crested at 7.08 feet a couple of hours later. The Upper Hudson River, near Schuylerville, exceeded the 90.0 foot flood stage late in the afternoon on the 14th. The rising water reached south to Mechanicville nearly 24 hours later, surpassing the flood stage of 53.0 feet there. The Hudson crested at 93.3 feet midday on the 15th at Schuylerville and 53.5 feet at Mechanville, resulting in flooding of the Stillwater Flats as well as near the Saratoga battlefield. Finally, the Mohawk River at the Utica gage, exceeded the flood stage of 403 feet early on the 15th and crested at 404.35.

All the streams and rivers receded below bankfull, most of them by the 19th. The only exception was the Schroon River, which remained above flood stage until the 29th of April. All the flooding was deemed minor and no significant damage was reported to the National Weather Service.

NYZ052

Eastern Albany

15	1200EST	0	0	Record Warmth
19	1800EST			

The seasons first Bermuda high developed by April 15th, and began pumping unseasonably warm air across eastern New York and adjacent western New England. Temperatures from 15th through the 19th averaged more than 20 degrees above seasonal normals for this time frame! At the Albany International Airport, a warm minimum temperature of 57 degrees was recorded on the 16th. Two daily record highs were established on the 16th with 89 degrees, and the 17th with 91. It was the earliest date of the calendar year that a 90 or higher reading was ever officially recorded. The April warm spell ended on Friday, the 19th, as a cold front triggered scattered thunderstorms across the region, followed by a return to more seasonable temperatures.

Greene County

Athens	19	1200EST	0	0	15K	Thunderstorm Wind
---------------	-----------	----------------	----------	----------	------------	--------------------------

Ulster County

Saugerties	19	1220EST 1222EST	0	0	10K	Thunderstorm Wind
-------------------	-----------	----------------------------------	----------	----------	------------	--------------------------

Dutchess County

Northeast Center	19	1245EST	0	0	11K	Thunderstorm Wind
-------------------------	-----------	----------------	----------	----------	------------	--------------------------

Dutchess County

Stanfordville	19	1245EST	0	0	12K	Thunderstorm Wind
----------------------	-----------	----------------	----------	----------	------------	--------------------------

Dutchess County

Millerton	19	1250EST	0	0	13K	Thunderstorm Wind
------------------	-----------	----------------	----------	----------	------------	--------------------------

A line of showers and thunderstorms developed ahead of a cold front, during the midday hours on April 19th. This line became better organized as it moved into the Mid Hudson Valley, where a few thunderstorms became strong to locally severe. Strong winds from thunderstorms downed trees and powerlines in the following places - Athens, Greene County, Saugerties, Ulster County. In Dutchess County, several large trees and some powerlines down were reported in the towns of Northeast and Millerton.

NYZ064>065

Eastern Ulster - Western Dutchess

27	0100EST	0	0	Freeze
-----------	----------------	----------	----------	---------------

A cold high pressure system settled into the Mid Hudson Valley during the overnight hours of April 26-27. Under a mostly clear sky, and light wind, temperatures fell to or below 32 degrees across portions of Ulster and Dutchess Counties where the growing season had already started. No damage has been reported to the National Weather Service with this freeze.

NEW YORK, North

NYZ034>035

Western Essex - Eastern Essex

14	0400EST 1100EST	0	0	10K	Flood
-----------	----------------------------------	----------	----------	------------	--------------

During April 13th and 14th, a slow moving cold front drifted southeast across the area. An area of low pressure moved along the front, passing across the region with widespread rainfall. Flooding occurred due to the combination of snowmelt and rainfall. In

Storm Data and Unusual Weather Phenomena

April 2002

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

NEW YORK, North

Essex county NY, the AuSable River gage exceeded its flood stage.

NYZ031-034

Southwest Clinton - Western Essex

22	2000EST				0	0	2K		Light Snow
23	0300EST								

A storm system moved off the mid-atlantic coast and moved south of New England. Light snow fell across northern New York, with the heaviest amounts being in the Adirondacks: around 4 inches fell across portions of both Clinton and Essex counties.

NYZ031

Southwest Clinton

28	1200EST				0	0			Light Snow
29	0300EST								

An area of low pressure moved across New York State during Sunday and across New England Sunday night. A mixture of rain and snow spread across the area Sunday and Sunday night. The precipitation was mostly a wet snow in the higher elevations. Accumulations were generally 3 to 6 inches with a few reports of up to 8 inches in the higher terrain.

NYZ027-030

Northern Franklin - Southern Franklin

28	1400EST				0	0			Light Snow
29	0300EST								

An area of low pressure moved across New York State during Sunday and across New England Sunday night. A mixture of rain and snow spread across the area Sunday and Sunday night. The precipitation was mostly a wet snow in the higher elevations. Accumulations were generally 1 to 3 inches.

NEW YORK, West

Chautauqua County

Dunkirk

03	0400EST				0	0	15K		Flash Flood
	0800EST								

A large area of heavy rain persisted over Chautauqua county for several hours. Radar estimates indicated three inches of rain. In the City of Dunkirk, several roads were inundated by flood waters and closed.

NYZ007>008

Jefferson - Lewis

15	1345EST				0	0	10K	15K	Flood
17	1500EST								

Runoff from heavy rains and snowmelt caused the Black River to rise to bankful. In Lewis county, agricultural lands were flooded in Martinsburg. At Watertown, Jefferson county, the river reached and exceeded the 10' flood stage for 45 hours, cresting at 10.7'.

Erie County

Cheektowaga

19	0615EST				0	0			Hail(0.75)
----	---------	--	--	--	---	---	--	--	------------

An isolated severe thunderstorm crossed Erie county during the early morning hours and produced 3/4" hail.

Erie County

Evans Center

28	1245EST				0	0			Hail(0.75)
----	---------	--	--	--	---	---	--	--	------------

Chautauqua County

Frewsburg

28	1335EST				0	0			Hail(0.75)
----	---------	--	--	--	---	---	--	--	------------

Cattaraugus County

Randolph

28	1340EST				0	0			Hail(1.25)
----	---------	--	--	--	---	---	--	--	------------

Erie County

Eden

28	1340EST				0	0			Hail(0.88)
----	---------	--	--	--	---	---	--	--	------------

Erie County

East Concord

28	1350EST	0.7	25		0	0	35K		Tornado (F0)
----	---------	-----	----	--	---	---	-----	--	--------------

Cattaraugus County

Randolph

28	1400EST				0	0	10K		Thunderstorm Wind (G55)
----	---------	--	--	--	---	---	-----	--	-------------------------

Chautauqua County

Panama

28	1405EST				0	0	15K		Thunderstorm Wind (G51)
----	---------	--	--	--	---	---	-----	--	-------------------------

Erie County

Chaffee

28	1415EST				0	0	10K		Thunderstorm Wind (G50)
----	---------	--	--	--	---	---	-----	--	-------------------------

Wyoming County

Warsaw

28	1429EST				0	0			Hail(0.88)
----	---------	--	--	--	---	---	--	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

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

NEW YORK, West

Allegany County									
Cuba	28	1435EST			0	0	20K		Thunderstorm Wind (G55)
Cattaraugus County									
Portville	28	1435EST			0	0			Hail(0.75)
Allegany County									
Belfast to Angelica	28	1450EST 1500EST	6.5	300	0	0	500K		Tornado (F2)
Wyoming County									
Portageville	28	1455EST			0	0	25K		Thunderstorm Wind (G55)
Livingston County									
Dansville	28	1505EST			0	0	10K		Thunderstorm Wind (G50)
Allegany County									
West Almond	28	1515EST			0	0	35K		Thunderstorm Wind (G65)
Monroe County									
Henrietta	28	1610EST			0	0	10K		Thunderstorm Wind (G50)

Thunderstorms developed across the eastern Great Lakes region during the afternoon hours. The thunderstorms produced hail up to 1.25" in diameter in parts of Erie, Chautauqua, Cattaraugus and Wyoming counties. The thunderstorm downburst winds ripped down trees and power lines. Scattered power outages were reported. Several structures and automobiles were damaged by falling trees. Wind damage was reported in Randolph, Panama, Ellery, Chaffee, Cuba, Portageville, Dansville and Henrietta. The thunderstorms spawned two tornadoes. In the town of East Concord, Erie County, a weak tornado briefly touched down. Damage consisted of a portion of the back and roof of an outbuilding blown away, a pier tossed across a pond, and tree damage. Winds were estimated between 70 and 75 mph. Another tornado touched down in Belfast, Allegany county, and traveled 6.5 miles into the town of Angelica. The greatest structural damage occurred near White Creek Road in Belfast where a two-story home, garage, and barn were destroyed. Other damaged structures along the path included a silo, a second barn, and minor damage to a second home where the siding was ripped from an outer wall. Winds were estimated at 115-135 mph. No injuries were caused by either tornado.

NORTH CAROLINA, Central

Sampson County									
Clement	15	1900EST			0	0			Hail(1.75)
Nash County									
Nashville	19	1530EST			0	0			Hail(1.00)
Person County									
Hyco	28	1820EST			0	0			Hail(1.75)

NORTH CAROLINA, Central Coastal

Pitt County									
Bethel	03	1930EST			0	0			Hail(0.88)
Martin County									
Williamston	03	1935EST			0	0			Hail(1.00)
Pitt County									
Stokes	03	1955EST			0	0			Hail(1.00)
Pitt County									
Ayden	03	2025EST			0	0			Hail(0.75)
Dare County									
Manteo	03	2115EST			0	0	10K		Lightning
Dare County									
Manteo	03	2120EST			0	0			Hail(0.75)
Craven County									
New Bern	18	1430EST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>NORTH CAROLINA, Central Coastal</u>									
Beaufort County									
Blounts Creek Statio	18	1553EST			0	0			Hail(0.88)
Duplin County									
Kornegay	18	2008EST			0	0			Hail(0.75)
Jones County									
Pollocksville	19	1626EST			0	0			Hail(0.75)
Tyrrell County									
Columbia	19	1850EST			0	0			Thunderstorm Wind (G52) ^M
Tyrrell County									
Columbia	25	2000EST			0	0	5K		Thunderstorm Wind
A thunderstorm gust knocked down trees which fell onto a house near Columbia causing minor damage.									
Dare County									
Duck	28	2113EST			0	0			Hail(0.75)
Dare County									
Kill Devil Hills	28	2142EST			0	0			Hail(0.75)
<u>NORTH CAROLINA, Extreme Southwest</u>									
Clay County									
Hayesville	28	1805EST			0	0	5K		Hail(0.75)
Dime size hail reported in Hayesville.									
Cherokee County									
Marble	28	1855EST			0	0	5K		Hail(1.00)
Dime to quarter size hail reported near Marble.									
Cherokee County									
Peachtree	28	1900EST			0	0	5K		Hail(1.75)
Golfball size hail reported near Peachtree.									
Clay County									
Hayesville	28	1920EST			0	0	5K		Hail(0.75)
Dime size hail reported in Hayesville.									
<u>NORTH CAROLINA, North Coastal</u>									
Bertie County									
Windsor	03	1921EST			0	0			Hail(0.88)
Perquimans County									
Hertford	03	1940EST			0	0			Thunderstorm Wind (G52) ^M
Spotter measured 60 mph wind gust.									
Currituck County									
Sligo	16	1450EST			0	0			Hail(1.75)
Camden County									
4 S South Mills	16	1620EST			0	0			Hail(0.75)
Pasquotank County									
Elizabeth City	16	1702EST			0	0			Hail(1.75)
Pasquotank County									
Elizabeth City	25	1950EST			0	0			Hail(0.75)
Northampton County									
Margaretsville	28	1900EST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

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

NORTH CAROLINA, North Coastal

Northampton County

Seaboard	28	1915EST			0	0			Hail(0.75)
----------	----	---------	--	--	---	---	--	--	------------

Hertford County

Murfreesboro	28	1940EST			0	0			Hail(0.75)
--------------	----	---------	--	--	---	---	--	--	------------

Pasquotank County

Elizabeth City	28	2029EST			0	0	10K		Thunderstorm Wind
----------------	----	---------	--	--	---	---	-----	--	-------------------

Wind gust moved large building/work shop, and tore front out of building.

Pasquotank County

Ecg Cst Grd Air Stn	28	2033EST			0	0			Thunderstorm Wind (G50) ^M
---------------------	----	---------	--	--	---	---	--	--	--------------------------------------

Wind gust of 58 mph reported by ASOS.

Perquimans County

3 E Hertford	28	2040EST			0	0			Hail(0.88)
--------------	----	---------	--	--	---	---	--	--	------------

NORTH CAROLINA, Northwest and North Central

Alleghany County

Roaring Gap	17	1200EST			0	0			Hail(0.88)
-------------	----	---------	--	--	---	---	--	--	------------

Stokes County

1 SE Sandy Ridge	17	1300EST			0	1			Lightning
------------------	----	---------	--	--	---	---	--	--	-----------

Wilkes County

Hays	17	1325EST			0	0			Hail(0.88)
------	----	---------	--	--	---	---	--	--	------------

Thunderstorms during the afternoon and evening of the 17th produced hail up to nickel size and dangerous lightning.

Hail in Roaring Gap accumulated up to 6 inches.

Lightning struck a tree 1 miles southeast of Sandy Ridge. The lightning then jumped from the tree to an outhouse where a man was standing, striking him. He was taken to the hospital.

Watauga County

Zionville	28	1600EST			0	0			Hail(0.75)
-----------	----	---------	--	--	---	---	--	--	------------

Ashe County

Todd	28	1610EST			0	0			Hail(0.88)
------	----	---------	--	--	---	---	--	--	------------

Wilkes County

Wilkesboro to North Wilkesboro	28	1648EST			0	0			Hail(1.25)
-----------------------------------	----	---------	--	--	---	---	--	--	------------

Ashe County

Trout	28	2105EST			0	0			Hail(0.88)
-------	----	---------	--	--	---	---	--	--	------------

Thunderstorms on the 28th produced hail up to half dollar size.

NORTH CAROLINA, South Coastal

Columbus County

Bolton	03	1228EST			0	0			Hail(1.00)
--------	----	---------	--	--	---	---	--	--	------------

One inch hail was reported by the public.

New Hanover County

Wilmington	03	1321EST			0	0			Hail(0.75)
------------	----	---------	--	--	---	---	--	--	------------

Dime size hail reported on Shipyard Blvd.

NORTH CAROLINA, Southwest

Alexander County

8 S Taylorsville	05	1115EST			0	0	5K		Dust Devil
------------------	----	---------	--	--	---	---	----	--	------------

A large dust devil damaged a 30 foot camper and a shed.

Storm Data and Unusual Weather Phenomena

April 2002

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

NORTH CAROLINA, Southwest

Rutherford County

8 S Forest City	06	1400EST			0	0	5K		Dust Devil
A large dust devil damaged a home and a separate building. The porch of the house was shifted 4 to 5 inches off its foundation and windows were blown out of the building.									

Transylvania County

Connestee	17	1210EST 1225EST			0	0			Hail(0.75)
Hail to the size of dimes associated with slow-moving thunderstorms accumulated to depths of 1.5 to 3 feet along some roads and at a golf course.									

Burke County

Jonas Ridge	17	1245EST 1345EST			0	0	2K		Urban/Sml Stream Fld
A slow moving thunderstorm near Jonas Ridge produced extremely heavy rainfall in a short period of time. A portion of a road was washed out near the Outward Bound School.									

Burke County

Brindletown	17	1330EST 1335EST			0	0			Hail(1.75)
-------------	----	--------------------	--	--	---	---	--	--	------------

Rutherford County

Lake Lure	17	1355EST			0	0	1K		Thunderstorm Wind (G50)
A few trees were blown down.									

Rutherford County

Rutherfordton	17	1500EST 1530EST			0	0	1K		Thunderstorm Wind (G50)
Trees were reported down in the Mt. Vernon community.									

Rutherford County

Gilkey	17	1500EST			0	0	100K		Lightning
Lightning struck a tree and entered a nearby house, causing a fire. The fire burned a large part of the house.									

NCZ055

Burke

25	1245EST			0	0	5K		Gusty Winds
Gusty winds following a cold front caused a single tree to fall in Morganton, resulting in fallen power lines, a pole, and some cross-members.								

Davie County

9 NE Mocksville	28	1728EST			0	0			Hail(0.75)
-----------------	----	---------	--	--	---	---	--	--	------------

Mitchell County

Buladean	28	1736EST			0	0			Hail(0.75)
----------	----	---------	--	--	---	---	--	--	------------

Avery County

Newland	28	1747EST			0	0			Hail(1.00)
Numerous reports of dime to quarter size hail in and around Newland.									

NORTH DAKOTA, Central and West

Ward County

Surrey	16	1300CST			0	0			Hail(0.75)
Hail covered the ground accumulating around 2 inches in depth.									

NDZ018>022-031>033-040>041-043>044

Dunn - Mercer - Oliver - Mclean - Sheridan - Golden Valley - Billings - Stark - Slope - Hettinger - Bowman - Adams

18	0900CST 1515CST			0	0			Winter Storm
----	--------------------	--	--	---	---	--	--	--------------

A strong low pressure system moved rapidly across central South Dakota during the day moving into Minnesota that evening. The system brought rain, sleet and snow across much of western and central North Dakota. Colder air on the back side of the storm system turned the mixed precipitation to all snow. A narrow band of heavy wet snow fell from the southwest corner of the state through central North Dakota. Up to 7 inches of snow accumulated within this band. Along with the mixed precipitation, northerly winds to 35 mph reduced visibilities to near zero at times and travel was not advised. The snow ended by the early evening hours as the storm system moved through Minnesota.

Storm Data and Unusual Weather Phenomena

April 2002

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

NORTH DAKOTA, East

**NDZ008-016-027-029>030- Pembina - Eastern Walsh - Grand Forks - Steele - Traill - Cass - Richland
039-053**

	06	0845CST 1713CST			0	0			High Wind (G52)^M
--	-----------	----------------------------	--	--	----------	----------	--	--	------------------------------------

Strong south winds, many finely plowed bare dirt fields, and a dry late March and early April caused areas of visibility around a quarter mile in blowing dust. The YMCA in Fargo was evacuated due to a carbon monoxide threat. Some of the building exhaust was being drawn back into the air intakes due to the strong wind. The southern edge of Grand Forks had wind gusts to 60 mph. Some large tree limbs also were blown down in Grand Forks.

Grand Forks County

Manvel	16	1800CST 2359CST			0	0	250K		Wild/Forest Fire
---------------	-----------	----------------------------	--	--	----------	----------	-------------	--	-------------------------

A grass fire was started by an unknown source and rapidly spread due to the dry grasses and gusty winds. It quickly spread into a 10 mile long area and burned 5750 acres of grass, mostly CRP land along the alkali flats in the Red River Valley. The fire was contained only when winds shifted and forced the fire back toward where it had already burned, which essentially was along US Highway 81. The Grand Forks Sheriffs Office evacuated people living north of Grand Forks county road 1 and west of US Highway 81. Firefighters said the fire created an environment of its own, with winds much different than surrounding areas. The fire also created some convection, with returns noted on the Mayville WSR-88D radar. Firefighters also said some firewhirls, or dust devils containing fire plumes, were created.

Richland County

5 N Lidgerwood	18	0115CST			0	0			Hail(0.75)
----------------	----	---------	--	--	---	---	--	--	------------

Sargent County

4 W Forman	18	0150CST			0	0			Hail(0.75)
------------	----	---------	--	--	---	---	--	--	------------

Sargent County

Havana	18	0150CST 0200CST			0	0			Hail(0.75)
--------	----	--------------------	--	--	---	---	--	--	------------

The hail made the ground white.

Sargent County

Gwinner	18	0210CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Richland County

2 W Great Bend	18	0319CST			0	1	20K		Thunderstorm Wind
----------------	----	---------	--	--	---	---	-----	--	-------------------

Outflow from a thunderstorm knocked 2 semi trucks off Interstate 29 west of Wahpeton.

Richland County

Wahpeton	18	0326CST			0	0			Thunderstorm Wind (G51) ^M
----------	----	---------	--	--	---	---	--	--	--------------------------------------

A 59 mph wind gust was measured at the Wahpeton State College of Science.

Steele County

5 SE Finley	23	2245CST			0	0	10K		Lightning
-------------	----	---------	--	--	---	---	-----	--	-----------

Lightning struck a house southeast of Finley, knocking out power and phone service to the house. The strike also ruptured a propane line near the home shooting flames up into the air. The lightning hit also left a hole in the roof.

NDZ030-039

Traill - Cass	23	2301CST 2345CST			0	0	30K		High Wind (G45)^M
----------------------	-----------	----------------------------	--	--	----------	----------	------------	--	------------------------------------

Strong winds blew down a storage shed under construction east of Mayville and flipped an airplane at Fargo Hector airport.

NDZ049-052

Ransom - Sargent	24	0000CST 0037CST			0	0			High Wind (G53)^M
-------------------------	-----------	----------------------------	--	--	----------	----------	--	--	------------------------------------

A Davis wind system in Gwinner measured a wind gust of 61 mph and an NDAWN wind sensor 6 miles northwest of McLeod measured a wind gust of 59 mph.

OHIO, East

OHZ041-048

Columbiana - Coshocton	14 19	1650EST 1700EST			0	0	10K		Flood
-------------------------------	------------------	----------------------------	--	--	----------	----------	------------	--	--------------

Several rounds of thunderstorm rains over the past few days brought streams and creeks over bank full, producing minor flooding across the two counties.

Storm Data and Unusual Weather Phenomena

April 2002

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

OHIO, East

In Coshocton County, the heavy rains over the past few days brought the Muskingum River at Coshocton over its flood stage of 13.0 feet. The river crested at 15.4 feet at around 6 AM on April 15 and then began to slowly recede, finally falling below flood stage at around 6 PM on April 19th. Only some minor roadway flooding near the river was reported during this time.

Minor roadway flooding was reported on the 14th in Columbiana County along State Route 165 near New Springfield, in the towns of Columbiana and Lisbon, and along County Highway 87 in Knox Township.

Tuscarawas County

New Philadelphia	19	1610EST			0	0			Hail(0.75)
------------------	----	---------	--	--	---	---	--	--	------------

Harrison County

Bowerston	19	1645EST			0	0			Hail(0.75)
-----------	----	---------	--	--	---	---	--	--	------------

Carroll County

Dellroy	19	1650EST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Tuscarawas County

Strasburg	19	1700EST			0	0			Hail(0.75)
-----------	----	---------	--	--	---	---	--	--	------------

Carroll County

Sherrodsville	19	1728EST			0	0			Hail(0.75)
---------------	----	---------	--	--	---	---	--	--	------------

Jefferson County

2 NW Wolf Run	19	1730EST			0	0			Hail(0.75)
---------------	----	---------	--	--	---	---	--	--	------------

Jefferson County

Bergholz	19	1750EST 2030EST			0	0			Flood
----------	----	--------------------	--	--	---	---	--	--	-------

Heavy thunderstorm rains produced minor road flooding in the Bergholz area.

Jefferson County

Bergholz	19	1750EST			0	0			Hail(0.75)
----------	----	---------	--	--	---	---	--	--	------------

Carroll County

6 S Carrollton	19	1800EST 2030EST			0	0			Flood
----------------	----	--------------------	--	--	---	---	--	--	-------

Heavy thunderstorm rains produced minor road flooding just south of Petersburg on SR 332.

Harrison County

2 E Georgetown	19	1810EST			0	0			Hail(0.75)
----------------	----	---------	--	--	---	---	--	--	------------

Belmont County

Countywide	19	1904EST 1915EST			0	0	10K		Thunderstorm Wind
------------	----	--------------------	--	--	---	---	-----	--	-------------------

Thunderstorm winds downed numerous trees across the county.

Coshocton County

Countywide	19	2140EST 2230EST			0	0	5K		Flood
------------	----	--------------------	--	--	---	---	----	--	-------

Heavy thunderstorm rains produced minor road flooding at several locations across the county.

OHZ048

Coshocton

20		0300EST			0	0			Flood
22		0100EST							

More thunderstorm rains over nearly saturated ground pushed the Muskingum River at Coshocton back over its flood stage of 13.0 feet. The river crested at around 13.4 feet during the late morning hours on the 20th, then began to slowly recede, finally falling below flood stage early on the 22nd. Only some minor roadway flooding near the river was reported.

Coshocton County

10 N Coshocton	28	1255EST			0	0			Hail(1.75)
----------------	----	---------	--	--	---	---	--	--	------------

Muskingum County

10 SE Zanesville	28	1303EST			0	0			Hail(0.75)
------------------	----	---------	--	--	---	---	--	--	------------

Tuscarawas County

Baltic	28	1305EST			0	0			Hail(1.00)
--------	----	---------	--	--	---	---	--	--	------------

Columbiana County

Lisbon	28	1320EST			0	0			Hail(0.75)
--------	----	---------	--	--	---	---	--	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, East</u>									
Columbiana County									
New Garden	28	1320EST			0	0			Hail(1.25)
Muskingum County									
Roseville	28	1325EST			0	0			Hail(2.75)
Noble County									
Caldwell	28	1336EST			0	0			Hail(1.75)
Jefferson County									
3 W Toronto	28	1337EST			0	0			Hail(1.75)
Jefferson County									
Steubenville	28	1344EST			0	0			Hail(1.00)
Carroll County									
Kilgore	28	1345EST			0	0			Hail(0.88)
Monroe County									
Jerusalem	28	1348EST			0	0			Hail(0.75)
Monroe County									
Lewisville	28	1349EST			0	0			Hail(1.75)
Monroe County									
Beallsville	28	1352EST			0	0			Hail(1.75)
Monroe County									
Woodsfield	28	1405EST			0	0			Hail(1.75)
Jefferson County									
Steubenville	28	1420EST			0	0			Hail(0.88)
Jefferson County									
Wintersville	28	1420EST			0	0	5K		Thunderstorm Wind
		Thunderstorm winds downed several trees.							
<u>OHIO, North</u>									
Cuyahoga County									
Seven Hills	09	0300EST			0	0	500K		Thunderstorm Wind
		Thunderstorm wind gusts of 35 to 40 mph toppled the walls and roof trusses of a building under construction in Seven Hills.							
Cuyahoga County									
Solon	15	1615EST			0	0	10K		Hail(1.00)
		Quarter size hail was reported.							
Geauga County									
Auburn Center	15	1658EST			0	0	5K		Hail(1.00)
		Quarter size hail was reported.							
Portage County									
Garrettsville	15	1705EST			0	0	25K		Hail(1.75)
		Golf ball size hail was reported.							
Trumbull County									
Southington	15	1730EST			0	0	10K		Hail(1.00)
		Quarter size hail was reported.							
Trumbull County									
Braceville to Leavittsburg	15	1735EST 1740EST			0	0	50K		Hail(1.75)
		Nickel to golf ball size hail was reported.							
Trumbull County									
Warren	15	1750EST			0	0	15K		Hail(1.00)
		Quarter size hail was reported.							

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, North</u>									
Trumbull County									
Niles	15	1755EST 1758EST			0	0	25K		Hail(1.00)
									Dime to quarter size hail was reported.
Mahoning County									
Youngstown	15	1810EST			0	0	5K		Hail(0.75)
									Dime size hail was reported just north of Youngstown.
Lorain County									
Henrietta	19	1445EST			0	0	5K		Hail(0.75)
									Dime size hail was reported.
Lorain County									
Vermilion On The Lk	19	1445EST 1450EST			0	0	5K		Hail(0.75)
									Dime size hail was reported.
Lorain County									
Oberlin	19	1510EST 1600EST			0	0			Flash Flood
									Heavy thunderstorm rains caused widespread street flooding in Oberlin. Water on some roads was over two feet in depth forcing several motorists to abandon their vehicles.
Lorain County									
Penfield	19	1525EST			0	0	5K		Hail(0.75)
									Dime size hail was reported.
Medina County									
Chatham to Lafayette	19	1525EST			0	0	5K		Hail(0.75)
									Dime size hail was reported north of Chatham near Litchfield.
Morrow County									
Mt Gilead	19	1535EST			0	0	10K		Hail(1.00)
									Quarter size hail was reported.
Medina County									
Medina	19	1540EST 1548EST			0	0	10K		Hail(1.00)
									Dime to quarter size hail was reported.
Knox County									
Fredericktown	19	1541EST 1605EST			0	0	20K		Hail(1.00)
									Dime to quarter size hail was reported.
Medina County									
Chippewa On The Lake	19	1548EST			0	0	75K		Hail(2.00)
									Hail two inches in diameter was reported.
Knox County									
Ankenytown	19	1549EST			0	0	5K		Hail(0.75)
									Dime size hail was reported.
Medina County									
Wadsworth	19	1550EST 1606EST			0	0	20K		Hail(1.00)
									Dime to quarter size hail was reported.
Morrow County									
Johnsville	19	1555EST			0	0	25K		Hail(1.75)
									Golf ball size hail was reported just northeast of Johnsville.
Wayne County									
Rittman	19	1600EST 1606EST			0	0	40K		Hail(1.50)
									Dime to nearly golf ball size hail was reported. Several vehicles were damaged.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Wayne County									
Sterling	19	1600EST			0	0	25K		Tstm Wind/Hail
	Golf ball size hail was reported. Several trees also downed.								
Stark County									
Canal Fulton	19	1616EST	0.1	25	0	0			Tornado (F0)
	A small and very weak tornado crossed into Stark County from Wayne County near the intersection of State Route 21 and Deerfield Avenue. This location is in Lawrence Township approximately three miles west of Canal Fulton. The tornado path was only a few dozen yards in length and no damage occurred.								
Stark County									
Countywide	19	1616EST 1700EST			0	0	150K		Thunderstorm Wind
	Thunderstorm winds downed at least seven trees and several power poles across the county. Most of the damage was in Lawrence Township where a barn was also destroyed. A second barn lost a large section of roof. A garage was significantly damaged in Canton Township.								
Wayne County									
Doylestown	19	1616EST	0.1	25	0	0			Tornado (F0)
	A small tornado briefly touched down in a field near the intersection of State Route 21 and Deerfield Avenue. The initial touchdown occurred in Chippewa Township approximately four miles southeast of Doylestown. The tornado was only on the ground a few dozen yards but managed to cross into Stark County before quickly dissipating. No damage occurred.								
Summit County									
Clinton	19	1618EST			0	0	10K		Hail(0.88)
	Nickel size hail was reported.								
Stark County									
Canal Fulton	19	1620EST			0	0	10K		Hail(1.00)
	Dime to quarter size hail fell just west of Canal Fulton.								
Knox County									
Mt Vernon	19	1630EST 1631EST			0	0	5K		Hail(0.75)
	Dime size hail was reported.								
Stark County									
Massillon	19	1640EST			0	0	5K		Hail(0.75)
	Dime size hail was reported.								
Holmes County									
Mt Hope	19	1650EST			0	0	5K		Hail(0.75)
	Dime size hail covered the ground one mile north of Mount Hope.								
Stark County									
Canton	19	1655EST			0	0	5K		Hail(0.75)
	Dime size hail was reported.								
Stark County									
Canton	19	1657EST			0	0	10K		Hail(1.00)
	Quarter size hail was reported.								
Knox County									
Countywide	19	1700EST 1800EST			0	0			Flash Flood
	Heavy thunderstorm rains caused several small streams to leave their banks. The resulting flooding washed out culverts and forced the closure of several roads. A few homes were completely surrounded by flood waters forcing the evacuation of several people. Street flooding also occurred in Mount Vernon.								
Knox County									
Mt Vernon	19	1700EST			0	0	5K		Thunderstorm Wind
	Thunderstorm winds downed two trees.								
Holmes County									
Countywide	19	1800EST 1910EST			0	0			Flash Flood
	Heavy thunderstorm rains caused many small streams and creeks to leave their banks. A road was washed out north of Mount Hope.								

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, North</u>									
Crawford County									
Galion	19	1815EST			0	0	5K		Hail(0.75)
Dime size hail was reported.									
Richland County									
Lexington	19	1821EST			0	0	5K		Hail(0.75)
Dime size hail was reported one mile north of Lexington.									
Crawford County									
Crestline	19	1830EST 1834EST			0	0	10K		Hail(1.00)
Dime to quarter size hail was reported.									
Knox County									
Countywide	19 20	1830EST 0030EST			0	0			Flash Flood
Runoff from severe thunderstorms earlier in the day continued to cause widespread flooding. A mobile home park near Fredericktown had to be evacuated due to flooding. Dozens of roads were closed because of flooding. Several of these roads were washed out.									
Marion County									
Marion	19	1855EST			0	0	10K		Hail(1.00)
Quarter size hail was reported.									
Morrow County									
Mt Gilead	19	1900EST			0	0	5K		Hail(0.75)
Dime size hail was reported.									
Richland County									
Mansfield	19	1900EST			0	0	75K		Thunderstorm Wind
Thunderstorm winds tore sections of roofing off of two large buildings and downed many trees on the northwest side of Mansfield. A windshield was also blown out of a car.									
Richland County									
Mansfield	19	1902EST			0	0	5K		Hail(0.75)
Dime size hail was reported.									
Ashland County									
Ashland	19	1918EST 1926EST			0	0	15K		Hail(1.00)
Dime to quarter size hail was reported just west of Ashland.									
Ashland County									
Nankin	19	1931EST			0	0			Hail(0.75)
Dime size hail was reported.									
Erie County									
Milan	28	1130EST			0	0	35K		Thunderstorm Wind
Thunderstorm winds downed several trees. One of the trees landed on a house and caused significant damage.									
Lorain County									
Wellington	28	1130EST			0	0	10K		Thunderstorm Wind
Thunderstorm winds downed three large trees south of Wellington in Findlay State Park.									
Richland County									
Mansfield	28	1154EST 1156EST			0	0	35K		Hail(1.25)
Dime to half dollar size hail was reported. Several vehicles were damaged.									
Richland County									
Shelby	28	1155EST			0	0	100K		Thunderstorm Wind
Thunderstorm winds toppled and destroyed a large grain bin outside of Shelby.									
Ashland County									
Polk	28	1157EST			0	0	5K		Hail(1.00)
Quarter size hail was reported.									
Ashtabula County									
Jefferson	28	1205EST			0	0	5K		Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, North</u>									
			Quarter size hail was reported.						
Medina County									
Medina	28	1210EST			0	0	5K		Hail(0.75)
			Dime size hail was reported.						
Ashtabula County									
Jefferson	28	1212EST			0	0	5K		Hail(1.00)
			Dime to quarter size hail was reported.						
Ashtabula County									
Jefferson	28	1215EST			0	0	10K		Hail(1.00)
			Quarter size hail was reported.						
Knox County									
Fredericktown to Mt Vernon	28	1215EST			0	0	25K		Thunderstorm Wind
			Thunderstorm winds downed trees near Fredericktown and Mount Vernon. A home was damaged by a fallen tree in Mount Vernon.						
Wayne County									
Wooster	28	1216EST			0	0			Funnel Cloud
			Trained spotters observed a funnel cloud approximately five miles west of Wooster.						
Holmes County									
Millersburg	28	1220EST			0	0	10K		Hail(1.00)
			Quarter size hail was reported.						
Medina County									
Medina	28	1220EST			0	0	5K		Hail(0.75)
			Dime size hail was reported four miles east of Medina.						
Wayne County									
Wooster	28	1224EST			0	0	5K		Hail(0.75)
			Dime size hail was reported.						
Holmes County									
Millersburg	28	1230EST			0	0	5K		Hail(1.00)
			Dime to quarter size hail was reported two miles east of Millersburg.						
Wayne County									
Smithville	28	1231EST 1240EST			0	0	50K		Hail(1.75)
			Golf ball size hail was reported.						
Summit County									
Lakemore	28	1235EST			0	0	5K		Thunderstorm Wind
			Thunderstorm winds downed two trees south of Lakemore in Springfield Township.						
Summit County									
Barberton	28	1240EST			0	0	5K		Hail(0.75)
			Dime size hail was reported to the east of Barberton in Coventry Township.						
Holmes County									
Millersburg	28	1245EST			0	0	10K		Hail(1.00)
			Quarter size hail was reported 10 miles east of Millersburg.						
Portage County									
Freedom	28	1245EST			0	0	5K		Hail(0.75)
			Dime size hail was reported.						
Stark County									
Canal Fulton	28	1245EST 1247EST			0	0	15K		Hail(1.00)
			Nickel to quarter size hail was reported in and around Canal Fulton.						
Wayne County									
Orrville	28	1250EST			0	0	35K		Thunderstorm Wind
			A large tree was blown down by strong thunderstorm winds. The tree landed on a home and caused significant roof and structural damage.						

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Stark County									
Massillon to North Canton	28	1253EST 1300EST			0	0	50K		Thunderstorm Wind
Thunderstorm winds downed trees and power lines to the north of Massillon and in North Canton.									
Stark County									
East Sparta	28	1255EST			0	0	40K		Hail(1.75)
Golf ball size hail was reported.									
Ashtabula County									
Kingsville	28	1300EST			0	0	5K		Hail(0.75)
Dime size hail was reported.									
Geauga County									
Countywide	28	1300EST			0	0	15K		Thunderstorm Wind
Thunderstorm winds downed trees and limbs near Chardon, South Russell, Hambden and Bainbridge.									
Portage County									
Countywide	28	1300EST			0	0	15K		Thunderstorm Wind
Thunderstorm winds downed trees across the county.									
Stark County									
Canton	28	1300EST			0	0	5K		Hail(0.75)
Dime size hail was reported near the intersection of Interstate 77 and U.S. Route 30.									
Trumbull County									
Warren	28	1312EST			0	0	5K		Hail(0.75)
Dime size hail was reported.									
Trumbull County									
Leavittsburg	28	1315EST			0	0	10K		Thunderstorm Wind
Thunderstorm winds downed several trees.									
Trumbull County									
Niles	28	1315EST			0	0	5K		Hail(0.75)
Dime size hail was reported.									
Mahoning County									
Ellsworth	28	1328EST			0	0	5K		Hail(0.75)
Dime size hail was reported.									
Huron County									
Wakeman	28	1330EST			0	0	5K		Hail(0.75)
Dime size hail was reported.									
Stark County									
Crystal Spgs to North Canton	28	1258EST 1308EST	7.2	440	0	2	45.5M		Tornado (F2)
A strong F2 tornado touched down at 158 pm edt and caused major damage and two minor injuries along a path of just over seven miles. Major damage occurred along the path which was nearly a quarter mile in width at times. The initial touchdown occurred west of the intersection of Arlington Avenue and Windy Lane Street NW near Crystal Springs. From this location, the tornado moved east northeast through residential neighborhoods in Jackson Township. The tornado passed to the north of Lake Cable, crossed Interstate 77 near Portage Street and finally dissipated near a shopping district along State Route 297 in North Canton. The damage path was intermittent along part of its length. Over 300 homes were damaged along the damage path with 25 structures destroyed. An additional 38 buildings including three businesses were partially destroyed with 50 more structures sustaining significant roof damage. Another 197 homes and businesses suffered minor damage. A middle school building suffered extensive damage and was closed for nearly a week for repairs. A nearby high school was also damaged. Approximately 1000 trees were downed by the tornado and over 300 vehicles damaged.									

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Putnam County									
Glandorf	17	1730EST 1830EST			0	0			Hail(0.75)
<u>OHIO, Southeast</u>									
OHZ066>067-075>076-083>087 Perry - Morgan - Athens - Washington - Jackson - Vinton - Meigs - Gallia - Lawrence									
	16	1200EST 1800EST			0	0			Record Warmth
Afternoon temperatures reached into the mid 80s to around 90 degrees. Athens and Jackson registered 90 degrees, while Gallipolis saw 89 degrees.									
Vinton County									
Mc Arthur	19	1835EST			0	0			Hail(0.75)
Athens County									
Nelsonville	21	1837EST			0	0			Hail(1.50)
Athens County									
Glouster	21	1840EST			0	0			Hail(1.00)
Morgan County									
Chesterhill	21	1848EST			0	0			Hail(0.75)
Washington County									
4 SW Waterford	21	1850EST			0	0			Hail(1.50)
OHZ083>084-086>087 Jackson - Vinton - Gallia - Lawrence									
	21	1900EST			1	0	40K		Flood
	22	0400EST							
M44VE									
Washington County									
Dalzell	21	1915EST			0	0			Hail(0.75)
Warm frontal rains of 1.5 to 2.5 inches were common in about an 18 hour period on the 21st. McArthur measured 2.27 inches, Gallipolis had 2 inches. Isolated amounts over 3 inches were likely. Roads were closed in the usual low spots by overflowing small streams. Jackson County Sheriff's department reported a mobile home flooded along Route 279.									
A 44 year old Lawrence County man drowned in Johns Creek along County Road 4 in Aid Township around 2200E on the 21st. He was driving to a job in Gallipolis. County officials believed he drove into some water on the road, stopped, put his vehicle in reverse to turn around, and then drove into the swollen stream. His body was discovered on Monday morning the 22nd, by a local resident, who was checking the level of the stream.									
A few reports of large hail also occurred with this episode.									
OHZ083>087 Jackson - Vinton - Meigs - Gallia - Lawrence									
	28	0330EST 0830EST			0	0	45K		Flood
Perry County									
Somerset	28	1253EST			0	0	5K		Hail(1.75)
Perry County									
Crooksville	28	1310EST			0	0	15K		Hail(1.75)
Vinton County									
Mc Arthur	28	1315EST			0	0	2K		Thunderstorm Wind
Athens County									
Nelsonville	28	1325EST			0	0	200K		Hail(2.00)
Athens County									
Trimble	28	1331EST			0	0	10K		Hail(2.00)
Athens County									
Athens	28	1333EST			0	0	10K		Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

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

OHIO, Southeast

Winds also gusted to 42 mph at Ohio University.

Morgan County

Chesterhill	28	1335EST			0	0			Hail(1.00)
-------------	----	---------	--	--	---	---	--	--	------------

Washington County

Bartlett	28	1400EST			0	0	10K		Hail(1.75)
----------	----	---------	--	--	---	---	-----	--	------------

Washington County

Marietta	28	1412EST			0	0			Hail(1.00)
----------	----	---------	--	--	---	---	--	--	------------

Warm frontal rains fell during the predawn hours on the 28th, as a low pressure lifted northeast, toward Michigan. Rains of 1.5 to 2.75 inches fell over saturated ground. Gallipolis, McArthur, and Waterloo all reported around 2 inches of rain in their Sunday morning cooperative reports. Several roads were blocked by overflowing small streams. A few evacuations took place in Gallia County near Gallipolis, as rising water surrounded some apartments. Water covered fields and hampered spring planting.

Later in the day, thunderstorms formed along the cold front. Large hail was common. The largest hail was across northwest Athens County near Nelsonville and Trimble. Several vehicles were dented. Some roof and window damage also occurred to residential homes.

OHIO, Southwest

OHZ042-060>061

Darke - Preble - Montgomery

12		1545EST 1830EST			0	0			Flood
----	--	--------------------	--	--	---	---	--	--	-------

Thunderstorms produced heavy rain across the Miami Valley during the late afternoon and early evening, causing several roads to close.

Butler County

Fairfield	17	1455EST 1458EST			0	0	3K		Thunderstorm Wind (G50)
-----------	----	--------------------	--	--	---	---	----	--	-------------------------

Several trees were knocked down throughout town.

Hamilton County

Grosbeck	17	1625EST 1628EST			0	0	5K		Thunderstorm Wind (G50)
----------	----	--------------------	--	--	---	---	----	--	-------------------------

Numerous trees, some up to one foot in diameter, were dropped across the northern Cincinnati suburbs.

Hamilton County

Cleves	19	1510EST 1517EST			0	0	10K		Hail(0.75)
--------	----	--------------------	--	--	---	---	-----	--	------------

Hamilton County

Grosbeck	19	1515EST 1517EST			0	0	8K		Hail(0.75)
----------	----	--------------------	--	--	---	---	----	--	------------

Hamilton County

Blue Ash to Loveland	19	1541EST 1555EST			0	0	5M		Hail(0.75)
-------------------------	----	--------------------	--	--	---	---	----	--	------------

Major hail damage to homes, cars and buildings occurred in a swath from Montgomery and Blue Ash into Symmes Township and Loveland.

Clermont County

Milford	19	1556EST 1600EST			0	0	2.5M		Hail(1.00)
---------	----	--------------------	--	--	---	---	------	--	------------

Hail damage to homes, barns, and cars occurred across the northwest part of the county, from Loveland and Miami Township to Goshen.

Warren County

Maineville	19	1616EST 1620EST			0	0	2.5M		Hail(1.00)
------------	----	--------------------	--	--	---	---	------	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

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

OHIO, Southwest

Extensive hail damage to homes, cars and businesses occurred across the southern part of the county from Twenty Mile Stand, through Maineville to near Morrow and Pleasant Plain.

Clinton County Blanchester	19	1620EST 1621EST			0	0	10K		Hail(0.88)
Clinton County 2 E Blanchester	19	1623EST 1628EST			0	0	10K		Hail(1.00)
Clinton County Martinsville	19	1639EST 1641EST			0	0	7K		Hail(1.00)
Clinton County 5 NW New Vienna to New Vienna	19	1640EST 1647EST			0	0	100K		Thunderstorm Wind (G55)

A dozen homes sustained wind and/or hail damage in the vicinity of Farmers Rd. and State Route 350. There was also a roof ripped off a house on the west side of New Vienna.

Highland County Leesburg	19	1650EST 1652EST			0	0	10K		Hail(0.75)
Warren County Lebanon	19	1658EST 1702EST			0	0	10K		Hail(0.75)
Clermont County Mt Repose	19	1710EST 1715EST			0	0	10K		Hail(0.75)
Hamilton County 3 N Cincinnati	19	1716EST 1722EST			0	0	5K		Thunderstorm Wind (G50)

Several trees were knocked down throughout the Clifton area.

Logan County Bellefontaine	19	1723EST 1724EST			0	0	10K		Hail(0.88)
Logan County 3 N Bellefontaine	19	1725EST 1728EST			0	0	10K		Hail(0.75)
Clinton County 2 NW Wilmington	19	1727EST 1733EST			0	0	10K		Hail(0.75)
Logan County De Graff	19	1800EST 1804EST			0	0	10K		Hail(0.88)
Ross County Chillicothe	19	1800EST 1804EST			0	0	10K		Hail(0.75)
OHZ044-078>079	Logan - Clermont - Brown	19	1815EST 2000EST		0	0			Flood
Union County Richwood	19	1815EST 1819EST			0	0	10K		Hail(0.75)
Logan County Bellefontaine	19	2000EST 2100EST			0	0			Flash Flood

Numerous roads in town were closed due to high water.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, Southwest</u>									
Champaign County									
Rosewood	19	2030EST 2115EST			0	0			Flash Flood
Several roads were closed due to high water, and a few homes sustained basement flooding in town.									
OHZ073-077>078-081>082 Ross - Hamilton - Clermont - Adams - Pike									
	21	1230EST 2030EST			0	0			Flood
Several rounds of thunderstorms produced heavy rains and caused flooding across southwest and south central Ohio. There were numerous road closures due to high water from creeks and small streams that came out of their banks. Nine people were evacuated from their homes in Camp Creek Township in southern Pike County, with twenty homes receiving minor flood damage. A child was rescued after being stuck in a tree trying to escape high water near Batavia in Clermont County.									
Highland County									
5 W Greenfield	21	1710EST 1714EST			0	0	3K		Thunderstorm Wind (G50)
A few small trees were knocked down across the northern part of the county.									
Ross County									
4 N Chillicothe	21	1740EST 1745EST			0	0	3K		Hail(0.75)
Hocking County									
5 S Logan	21	1810EST 1815EST			0	0	3K		Hail(0.75)
Adams County									
Countywide	21	1900EST 1910EST			0	0			Flash Flood
High water was reported on several roads across the county.									
Adams County									
5 S Peebles	21	1940EST 2040EST			0	0			Flash Flood
A creek went out of its banks and over roadways near State Route 41 and Hoop Ridge Rd.									
Scioto County									
Rarden	21	1950EST 2100EST			0	0			Flash Flood
Several roads were closed in and around town due to high water up to three feet in some spots. Several homes were evacuated across the northwestern part of the county, and the Rarden Fire Department was forced to evacuate their building.									
OHZ078>082									
Clermont - Brown - Highland - Adams - Pike									
	28	0355EST 0700EST			0	0			Flood
Brown County									
6 N Ripley	28	0359EST 0400EST			0	0	5K		Thunderstorm Wind (G50)
Trees and wires were downed at US 62 and Tri County Highway.									
Scioto County									
3 W Portsmouth	28	0438EST 0600EST			0	0			Flash Flood
Twenty roads were closed due to high water in the western part of the county. One family had to evacuate their home because of the rising water.									
Montgomery County									
Centerville	28	1047EST 1053EST			0	0	5K		Hail(0.75)
Greene County									
Jamestown	28	1105EST 1113EST			0	0	5K		Hail(0.75)
Fayette County									
Jeffersonville	28	1130EST 1135EST			0	0	5K		Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, Southwest</u>									
Madison County Mt Sterling	28	1149EST 1155EST			0	0	25K		Hail(1.75)
Pickaway County South Bloomfield	28	1151EST 1200EST			0	0	25K		Hail(1.75)
Fairfield County 3 N Lancaster	28	1224EST 1230EST			0	0	5K		Hail(0.75)
									High winds associated with the hail producing thunderstorm caused a 60 foot wall at a school construction site in Amanda to collapse.
Highland County Lynchburg	28	1245EST 1250EST			0	0	5K		Thunderstorm Wind (G50)
									Trees and telephone poles were knocked down through town.
Ross County 5 W Chillicothe	28	1250EST 1255EST			0	0	5K		Hail(0.75)
Hocking County Haydenville	28	1322EST 1327EST			0	0	10K		Hail(0.88)
OHZ077>078 Hamilton - Clermont	28	1415EST 1500EST			0	0	40K		High Wind (G50)
									Numerous trees were downed across Clermont county. In Hamilton county, downed trees across the county caused road closures for a period of time.
<u>OKLAHOMA, Eastern</u>									
Haskell County Countywide	07	1845CST 2330CST			0	0			Flash Flood
									Heavy rain fell across Haskell county from late afternoon into the late evening hours. 3.43 inches of rain was measured at Whitefield and 3.31 inches of rain was measured near Stigler. This excessive rainfall resulted in flooding of some roads. This included parts of Highway 9 near Whitefield.
Latimer County Countywide	07	1845CST 2330CST			0	0			Flash Flood
									Heavy rain fell on and off across Latimer county from the late afternoon hours into the late evening hours. 4.48 inches of rain was recorded near Wilburton and 4.41 inches of rain fell near Red Oak. This excessive rainfall caused flooding of numerous county roads.
Le Flore County Countywide	07	1845CST 2330CST			0	0			Flash Flood
									Heavy rain fell on and off across Le Flore county from the late afternoon hours into the late evening hours. Panama received 4.95 inches of rain while Wister and Poteau received 4.62 inches and 4.33 inches respectively. This heavy rain caused several roads to be flooded including Highway 9 near Spiro.
Pittsburg County Countywide	07	1845CST 2330CST			0	0			Flash Flood
									Heavy rain fell on and off across Pittsburg county from the late afternoon hours into the late evening hours. 3.44 inches of rain was recorded near McAlester. The heavy rain caused some roads to be flooded including Highway 31 five miles west of McAlester and Highway 63 six miles west of Haileyville.
Sequoyah County Countywide	07	1845CST 2330CST			0	0			Flash Flood
									Heavy rain fell on and off across Sequoyah county from the late afternoon hours into the late evening hours. 3.60 inches of rain was recorded near Sallisaw. This heavy rain caused some roads to be flooded. This included Highway 141 near Gans.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Eastern</u>									
Pushmataha County									
Countywide	07	1945CST 2330CST			0	0			Flash Flood
Heavy rain fell on and off across Pushmataha county from the late afternoon hours into the late evening hours. 5.33 inches of rain fell at Antlers and 6.57 inches of rain fell at Tuskahoma. This heavy rain caused several county roads to be flooded. One road that was flooded was Ethel Road just east of Antlers.									
OKZ076									
Le Flore									
	07	2200CST			0	0			Flood
	09	0700CST							
The Poteau River near Poteau rose above its flood stage of 24 feet at 11 pm cdt on April 7th. The river crested at 28.6 feet at noon cdt on the 8th. The river fell below its flood stage at 8 am cdt on April 9th.									
OKZ076									
Le Flore									
	07	2200CST			0	0			Flood
	11	1800CST							
The Poteau River near Panama rose above its flood stage of 29 feet at 11 pm cdt on April 7th. The river crested at 40.6 feet at 5 am cdt on April 9th. The river fell below its flood stage on April 11th at 7 pm cdt.									
Latimer County									
Red Oak	08	1340CST 1500CST			0	0	5K		Flash Flood
Heavy rain rains caused the city hall in Red Oak to be flooded.									
Le Flore County									
Countywide	08	1340CST 1700CST			0	0			Flash Flood
Due to heavy rainfall the previous night a quick inch or two of rain caused flooding of some roads across Le Flore county. One major highway which was closed was Highway 271 near Wister.									
OKZ069									
Adair									
	08	1700CST			0	0			Flood
	09	0100CST							
The Illinois River near Watts rose above its flood stage of 13 feet at 6 am cdt on April 8th. The river crested at 18.9 feet at 5 pm cdt the same day. The river fell below its flood stage at 2 am cdt on April 9th.									
OKZ068									
Cherokee									
	09	0000CST 2300CST			0	0			Flood
The Illinois River near Tahlequah rose above its flood stage of 11 feet at 1 am cdt on April 9th. The river crested at 14.0 feet at 4 pm cdt the same day. The river fell below its flood stage at midnight that night.									
Pushmataha County									
4 SE Clayton	16	2005CST			0	0			Hail(0.75)
Pushmataha County									
1 N Jumbo	16	2015CST	0.3	25	0	0			Tornado (F0)
The public reported a brief touchdown of a F0 tornado just north of Jumbo. No damage was reported.									
Delaware County									
1 W Jay	23	0157CST			0	0			Hail(0.75)
Osage County									
Pawhuska	23	0230CST			0	0			Hail(0.88)
Mayes County									
Adair	23	0255CST			0	0			Hail(0.75)
Rogers County									
Oologah	23	0255CST			0	0			Hail(0.75)
Washington County									
Ochelata	23	0306CST			0	0			Hail(0.75)
Washington County									
Ochelata	23	0310CST			0	0			Hail(0.88)
Mayes County									
Locust Grove	23	0342CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

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

OKLAHOMA, Eastern

Rogers County									
2 SW Oologah	23	0348CST			0	0			Hail(0.88)
Delaware County									
1 E Leach	23	0411CST			0	0			Hail(0.75)
Cherokee County									
Hulbert	23	0448CST			0	0			Hail(0.75)
Cherokee County									
Tahlequah	23	0500CST			0	0			Hail(0.75)
Pawnee County									
Cleveland	27	0505CST			0	0			Hail(0.75)
Haskell County									
Stigler	29	2320CST			0	0			Hail(0.88)
Le Flore County									
Poteau	30	0040CST			0	0			Hail(0.75)

OKLAHOMA, Extreme Southeast

Mccurtain County									
Broken Bow	24	1805CST			0	0			Hail(1.00)

OKLAHOMA, Panhandle

NONE REPORTED.

OKLAHOMA, Western, Central and Southeast

OKZ004>042-044>046 Harper - Woods - Alfalfa - Grant - Kay - Ellis - Woodward - Major - Garfield - Noble - Roger Mills - Dewey - Custer - Blaine - Kingfisher - Logan - Payne - Beckham - Washita - Caddo - Canadian - Oklahoma - Lincoln - Grady - McClain - Cleveland - Pottawatomie - Seminole - Hughes - Harmon - Greer - Kiowa - Jackson - Tillman - Comanche - Stephens - Garvin - Murray - Pontotoc - Cotton - Jefferson - Carter									
	02	0800CST 1800CST			0	0			Strong Winds
Sustained wind speeds between 30 and 35 mph, with gusts near 50 mph, developed behind a strong cold front that pushed through the area. Winds behind the front were generally out of the north, with speeds diminishing across northwest Oklahoma by late afternoon, and across portions of southern Oklahoma by early evening.									
Oklahoma County									
Oklahoma City									
	07	1300CST			0	0	1K		Lightning
Lightning struck the back yard of a house in northwest Oklahoma City, igniting a fire in the gas line that connected to the kitchen									
Johnston County									
5 ENE Mill Creek									
	07	1435CST			0	0			Flash Flood
Two roads were washed out near Pennington Creek.									
Atoka County									
Wardville									
	07	1500CST 1845CST			0	0			Flash Flood
Highway 131 was washed out at the Boggy Bridge, and Oklahoma 143 was impassable due to high water.									
Bryan County									
10 W Durant									
	07	1530CST			0	0			Flash Flood
Two bridges were closed due to high water.									
Coal County									
Olney									
	07	1640CST 1915CST			0	0			Flash Flood

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
OKLAHOMA, Western, Central and Southeast									
Roebuck Road was closed due to high water.									
Love County 7 NNE Marietta	07	1700CST 2115CST			0	0			Flash Flood
Highway 77 was closed at the spillway.									
Kay County Peckham	11	1715CST			0	0			Hail(0.88)
Kay County 4.5 E Blackwell	11	1740CST			0	0			Hail(0.75)
Kay County 3 N Newkirk	11	1748CST			0	0			Hail(0.75)
Kay County .5 S Kildare	11	1753CST			0	0			Hail(1.00)
Hail was reported near Highway 77.									
Kay County Kildare	11	1800CST			0	0			Hail(0.75)
Kay County Kildare	11	1803CST			0	0			Hail(1.00)
Garfield County 10 ENE Hunter to 11 E Hunter	11	2152CST 2155CST	1	25	0	0	0		Tornado (F0)
This tornado moved through northeast Garfield County for one mile before moving into Noble County. No damage was observed or reported in Garfield County.									
Grant County 8 SE Lamont	11	2152CST	0.1	25	0	0	0		Tornado (F0)
This tornado developed on the county line and was seen by several storm chasers. No damage was observed or reported in Grant County.									
Noble County 3 N Billings to 2 NNE Billings	11	2155CST 2159CST	1	25	0	0	0		Tornado (F0)
After exiting Garfield County, this tornado moved approximately one mile before dissipating. No damage was observed or reported in Noble County.									
Grant County 5 NE Medford	11	2230CST			0	0			Flash Flood
Two feet of water was flowing across Highway 81.									
Ellis County 5 W Arnett	12	0500CST			0	0			Hail(1.75)
Beckham County 3 W Carter	12	0525CST			0	0			Hail(0.75)
Greer County 6 SE Granite	12	0745CST			0	0			Hail(0.88)
Kiowa County Lone Wolf	12	0800CST			0	0			Hail(0.75)
Caddo County Gracemont	12	0830CST			0	0			Hail(0.75)
Kiowa County Roosevelt	12	0830CST			0	0			Hail(0.88)
Kiowa County 3 S Cooperton	12	0855CST			0	0			Hail(0.88)
Comanche County 4 W Lawton	12	0926CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Western, Central and Southeast</u>									
Comanche County									
3 W Lawton	12	0928CST			0	0			Hail(1.00)
Caddo County									
Cyril	12	0930CST			0	0			Hail(1.00)
Comanche County									
3 W Lawton	12	0930CST			0	0			Hail(0.88)
Comanche County									
Lawton	12	0940CST			0	0			Hail(1.75)
Comanche County									
Lawton	12	0945CST			0	0			Hail(0.75)
Stephens County									
2 NE Marlow	12	0956CST			0	0			Hail(0.75)
Stephens County									
Clear Creek Lake	12	1006CST			0	0			Hail(0.75)
Stephens County									
Duncan	12	1007CST			0	0			Hail(0.75)
Stephens County									
7 E Duncan	12	1015CST			0	0			Hail(1.75)
		Hail occurred at the Midway Truckstop on Highway 7.							
Stephens County									
15 E Comanche	12	1020CST			0	0			Hail(1.00)
Stephens County									
7 W Duncan	12	1030CST			0	0			Hail(0.75)
Jefferson County									
5 NNE Ringling	12	1105CST			0	0			Hail(0.75)
Jefferson County									
Ringling	12	1125CST			0	0			Hail(1.25)
Love County									
8 N Rubottom	12	1132CST			0	0			Hail(1.25)
Love County									
5 E Rubottom	12	1150CST			0	0			Hail(0.75)
Jefferson County									
5 N Ringling	12	1252CST			0	0			Hail(0.88)
Stephens County									
Duncan	12	1528CST			0	0			Hail(0.75)
Stephens County									
7 SE Duncan	12	1530CST			0	0			Hail(2.00)
Carter County									
Healdton	12	1635CST			0	0			Hail(0.88)
Carter County									
Healdton	12	1640CST			0	0			Hail(0.88)
Harmon County									
10 N Gould	13	0500CST			0	0			Hail(0.75)
Greer County									
2 W Mangum	13	0548CST			0	0			Hail(0.75)
Greer County									
7 W Mangum	13	0557CST			0	0			Hail(1.25)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OKLAHOMA, Western, Central and Southeast</u>									
Tillman County									
Frederick	13	0600CST			0	0			Hail(1.00)
Tillman County									
Hollister	13	0600CST			0	0			Hail(1.00)
Harmon County									
Gould	13	0620CST			0	0			Thunderstorm Wind (G50) ^M
			Wind was measured by the Oklahoma mesonet.						
Greer County									
Mangum	13	0630CST			0	0			Hail(1.00)
Tillman County									
6 SW Grandfield	13	0630CST			0	0	100K		Hail(3.00)
			Hail damage was sustained to vehicles and trees.						
Jackson County									
Duke	13	0643CST			0	0			Hail(0.88)
Cotton County									
3 SE Devol	13	0700CST			0	0			Hail(1.25)
Cotton County									
5 S Randlett	13	0720CST			0	0			Hail(1.75)
Cotton County									
Cookietown	13	0735CST			0	0			Hail(0.75)
Tillman County									
5 NE Manitou	13	0742CST			0	0			Thunderstorm Wind (G56)
Comanche County									
Faxon	13	0806CST			0	0			Thunderstorm Wind (G52)
Jefferson County									
Terral	13	0816CST			0	0			Hail(1.00)
Jefferson County									
1 S Terral	13	0830CST			0	0			Hail(0.88)
Cotton County									
Temple	13	0844CST			0	0			Hail(0.75)
Jefferson County									
Addington	13	0915CST			0	0			Thunderstorm Wind (G52)
Jefferson County									
Ryan	13	0930CST			0	0			Hail(0.75)
Woodward County									
Woodward	13	1755CST			0	0			Hail(1.00)
Woodward County									
Woodward	13	1810CST			0	0			Hail(0.75)
Woodward County									
Woodward	13	1818CST			0	0			Hail(1.25)
Woodward County									
Woodward	13	1830CST			0	0			Hail(0.75)
Woodward County									
2 S Woodward	13	1901CST			0	0			Hail(1.00)
Love County									
2 SW Marietta	16	1600CST			0	0			Hail(1.00)
Bryan County									
Bokchito	16	1715CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

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

Love County									
3 ENE Thackerville	16	1733CST			0	0			Hail(0.88)
Love County									
4 S Marietta	16	1735CST			0	0			Hail(0.75)
Murray County									
6 S Sulphur	16	1804CST			0	0			Hail(0.88)
Johnston County									
2 W Wapanucka	16	1810CST			0	0			Hail(1.00)
Carter County									
Gene Autry	16	1817CST			0	0			Hail(0.88)
Jefferson County									
5 ENE Terral	16	1828CST			0	0			Hail(0.75)
Coal County									
6 SW Coalgate	16	1909CST			0	0			Hail(0.88)
Atoka County									
2 W Atoka to 1 N Atoka	16	1918CST 1928CST	3	100	0	0	30K		Tornado (F1)



Tree damage from the Atoka County tornado.

This tornado, witnessed by at least one local citizen, formed on the west side of Atoka and moved three miles before dissipating on the north side of Atoka. Damage was sustained to hangar doors at a local airport. A boat inside the hangar was blown outside. A travel trailer was blown over, and damage was sustained to stands at a baseball park.

Coal County									
Lehigh	16	1925CST			0	0			Hail(0.88)
Atoka County									
3 NW Atoka	16	1930CST			0	0			Hail(1.75)
Coal County									
4 SE Lehigh	16	1930CST			0	0			Hail(1.75)
Love County									
5 SSW Marietta	16	2027CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

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									
Ellis County									
Arnett	17	1546CST			0	0			Hail(1.75)
Woodward County									
Ft Supply	17	1600CST			0	0			Hail(0.88)
Woodward County									
Ft Supply	17	1610CST			0	0			Hail(1.00)
Harper County									
16 SSE Buffalo	17	1615CST			0	0			Hail(1.00)
Harper County									
9 S Buffalo	17	1630CST			0	0			Hail(0.75)
Woodward County									
2 W Woodward	17	1633CST			0	0			Hail(0.75)
Woodward County									
5 W Woodward	17	1639CST			0	0			Hail(0.88)
Woods County									
3 NW Lookout	17	1655CST			0	0			Hail(0.75)
Woodward County									
15 N Mooreland	17	1713CST			0	0			Hail(1.00)
Woodward County									
21 N Mooreland	17	1735CST			0	0			Hail(0.88)
Woods County									
Freedom	17	1740CST			0	0			Hail(0.75)
Woods County									
3 E Camp Houston	17	1745CST			0	0			Hail(2.75)
Woods County									
4 E Camp Houston	17	1750CST			0	0			Hail(2.75)
Dewey County									
7 NNE Leedey	17	1810CST			0	0			Hail(1.75)
Roger Mills County									
1 W Cheyenne	17	1845CST			0	0			Hail(0.75)
Dewey County									
1 N Cestos	17	1851CST			0	0			Hail(0.75)
Beckham County									
1 N Erick	17	1900CST			0	0			Hail(1.50)
Beckham County									
Erick	17	1900CST			0	0			Hail(4.50)
Beckham County									
3 ESE Mayfield	17	1905CST			0	0			Hail(1.00)
Dewey County									
5 E Vici	17	1925CST			0	0			Hail(0.75)
Dewey County									
Seiling	17	1930CST			0	0			Hail(1.00)
Woodward County									
4 W Mutual	17	1930CST			0	0			Hail(0.75)
Major County									
19 N Chester	17	2000CST			0	0			Hail(0.75)
Beckham County									
5 N Carter	17	2015CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

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

OKLAHOMA, Western, Central and Southeast

Roger Mills County

Roll	17	2015CST			0	0			Hail(1.00)
------	----	---------	--	--	---	---	--	--	------------

Beckham County

1 S Sayre	17	2017CST			0	0			Hail(1.00)
-----------	----	---------	--	--	---	---	--	--	------------

Beckham County

2 S Sayre	17	2019CST			0	0			Hail(1.75)
-----------	----	---------	--	--	---	---	--	--	------------

Beckham County

Sayre	17	2022CST			0	0			Hail(1.75)
-------	----	---------	--	--	---	---	--	--	------------

Harmon County

Hollis	17	2025CST			0	0			Hail(0.88)
--------	----	---------	--	--	---	---	--	--	------------

Roger Mills County

4 E Angora	17	2030CST			0	0			Hail(0.75)
------------	----	---------	--	--	---	---	--	--	------------

Beckham County

3 W Elk City	17	2045CST			0	0			Hail(1.00)
--------------	----	---------	--	--	---	---	--	--	------------

Beckham County

6 SW Elk City	17	2050CST			0	0			Hail(2.75)
---------------	----	---------	--	--	---	---	--	--	------------

Beckham County

6 SW Elk City	17	2050CST			0	0			Thunderstorm Wind (G52)
---------------	----	---------	--	--	---	---	--	--	-------------------------

Washita County

Canute	17	2100CST			0	0			Hail(0.75)
--------	----	---------	--	--	---	---	--	--	------------

Beckham County

Elk City	17	2105CST			0	0	15K		Thunderstorm Wind
----------	----	---------	--	--	---	---	-----	--	-------------------

The roof and sign of a motel along Interstate 40 were damaged, and power lines were downed.

Beckham County

7 NNE Elk City	17	2115CST 2116CST	0.3	50	0	0	40K		Tornado (F1)
----------------	----	--------------------	-----	----	---	---	-----	--	--------------

This tornado was observed by the Elk City Fire Dept., near Highway 34, in northeast Beckham County. A sw-ne oriented, anchored mobile home was blown 50 yards northward with only the foundation remaining. A 16 foot stock trailer, oriented n-s, was twisted 180 degrees, and barns were destroyed.

Washita County

2 NW Canute	17	2115CST			0	0			Hail(1.00)
-------------	----	---------	--	--	---	---	--	--	------------

Woods County

3 S Waynoka	17	2230CST			0	0			Hail(0.88)
-------------	----	---------	--	--	---	---	--	--	------------

Dewey County

10 WSW Seiling to 8 W Seiling	17	2233CST 2241CST	5	600	0	0	20K		Tornado (F3)
----------------------------------	----	--------------------	---	-----	---	---	-----	--	--------------

This tornado formed in northern Dewey County, near Cestos, and moved northward, entering Woodward County at 2241 CST. In Dewey County, an old, abandoned farm house, constructed of wood, with broken windows and no doors, was leveled, about 2.5 miles east-southeast of Cestos. Huge cottonwood trees nearby were uprooted. A 15 ft long bus, with no engine, was lofted over a chain-link fence and dropped on its side about 50-75 ft away, and a 1/2 ton pickup trailer bed, detached from the front of the truck, was picked up and carried about 1/2 mile, and crumpled.

Woodward County

7 SE Mutual to 6 ESE Mutual	17	2241CST 2247CST	3	400	0	0	10K		Tornado (F1)
--------------------------------	----	--------------------	---	-----	---	---	-----	--	--------------

This is a continuation of the tornado that exited Dewey County at 2241 CST. In Woodward County, a well constructed metal barn, 40 x 60 ft, cemented to the ground, was picked up and moved about 3.5 ft. Also, hay bales were blown around, and trees were damaged.

Major County

15 WNW Orienta to 15 NW Orienta	17	2327CST 2332CST	4	300	0	0	0		Tornado (F0)
------------------------------------	----	--------------------	---	-----	---	---	---	--	--------------

This tornado was captured on video by a storm chaser, approximately 2 miles south of Highway 412 in northern Major County. The tornado moved northward for 4 miles before crossing the Cimarron River into Woods County. No structures were affected in Major County.

Storm Data and Unusual Weather Phenomena

April 2002

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

OKLAHOMA, Western, Central and Southeast

Woods County

10 SE Waynoka to 6.5 SE Dacoma	17 18	2332CST 0005CST	15	880	0	1	35K		Tornado (F2)
-----------------------------------	----------	--------------------	----	-----	---	---	-----	--	--------------



Trailer house damaged by tornado approximately 2 miles southwest of the intersection of State Highway 45 and the Woods County line.

This tornado is a continuation of the tornado that moved out of Major County at 0032 CST. The tornado curved to the right as it crossed the Cimarron River and moved northeastward for 15 miles before entering Alfalfa County at 0005 CST on April 18th. In Woods County, about 2 miles southwest of the intersection of State Highway 45 and the Woods County line, the roof of a trailer house was completely removed, and an exterior wall on the northeast side of the house was badly damaged and partially removed from the structure. The owner of the house received minor abrasions to his arm. Across the road from the house, a barn was unroofed, and most of the walls were destroyed. Otherwise, only tree damage was observed across Woods County.

Alfalfa County

4 W Carmen to 2 SW Ingersoll	18	0005CST 0028CST	15	1500	0	0	75K		Tornado (F2)
---------------------------------	----	--------------------	----	------	---	---	-----	--	--------------

This tornado is a continuation of the tornado that developed in Major County and moved through Woods County. The tornado tracked for another 15 miles in Alfalfa County before dissipating 2 miles southwest of Ingersoll. As the tornado entered Alfalfa County, damage was sustained to outbuildings, trees and power lines, along State Highway 45 to the west of Carmen. Large trees were uprooted or snapped, and a windmill was destroyed along EW 25 Road to the east of NS 253 Road, or about 4.5 miles southwest of Lambert. Along the west side of NS 255 Road, between EW 23 Road and EW 22 Road (about 2.5 miles west of Lambert), a barn roof was removed as was the west section of the barn. Numerous power poles were snapped along EW 22 Road in a ½ mile area to the east of NS 255 Road. Several high-tension power poles were damaged or destroyed west of NS 256 Road and south of EW 21 Road. Significant tree damage and a couple of destroyed outbuildings were observed at the northeast corner of EW 20 and NS 256 Roads, about 5.5 miles southwest of Cherokee. The tornado continued north-northeast with the last damage observed along EW 17 Road just east of NS 257 Road, 2 miles southwest of Ingersoll, or about 4 miles west-northwest of Cherokee.

In total, the tornado persisted for 62 minutes and traveled 34 miles.

Alfalfa County

Cherokee	18	0030CST			0	0			Hail(1.75)
----------	----	---------	--	--	---	---	--	--	------------

Grant County

5 S Wakita	18	0030CST			0	0			Hail(1.00)
------------	----	---------	--	--	---	---	--	--	------------

Alfalfa County

3 S Cherokee to 2 SSE Cherokee	18	0039CST 0040CST	0.8	75	0	0	0		Tornado (F0)
-----------------------------------	----	--------------------	-----	----	---	---	---	--	--------------

The Cherokee Police Department observed this brief tornado south of Cherokee with no known damage.

Alfalfa County

5 ESE Byron	18	0100CST			0	0	0.50K		Thunderstorm Wind
-------------	----	---------	--	--	---	---	-------	--	-------------------

Storm Data and Unusual Weather Phenomena

April 2002

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

An eight to ten inch diameter tree was blown over.

Numerous severe thunderstorms were observed over western Oklahoma during the afternoon and evening of the 17th and early morning of the 18th. Four tornadoes were confirmed, and there were several reports of very large hail, even one report of softball size hail (4.5 inches in diameter). The tornadoes were at night with the largest tornado, believed to be up to one mile wide, causing a maximum of F2 damage over a 34 mile path across northwest Oklahoma. Another tornado resulted in F3 damage.

Grant County									
6 N Lamont	23	0145CST			0	0			Hail(0.75)
Kay County									
Blackwell	23	0223CST			0	0			Hail(1.00)
Payne County									
3 W Stillwater	27	0430CST			0	0			Hail(0.75)
			Hail was reported at Highway 51 and Range Road.						
Payne County									
Stillwater	27	0435CST			0	0			Hail(0.75)

OREGON, Central and East

NONE REPORTED.

OREGON, Northwest

NONE REPORTED.

OREGON, Southeast

NONE REPORTED.

OREGON, Southwest

ORZ031									
		Central & Eastern Lake County							
	14	1000PST			0	0			High Wind (G67) ^M

Spotter LA20 at Summer Lake reported southwest winds 30-40 mph gusting to 67 mph.

This spotter report contained a wind gust that met High Wind Warning criteria. However, after talking to Law Enforcement and emergency officials in Lake County, it was determined that the area of high winds was very small in areal coverage. As one officer put it "it always blows there". After reviewing the weather situation, it was also determined that the event would be short-lived. Therefore, no High Wind Warning was issued for this event. No other reports of winds meeting even Wind Advisory criteria were received.

PACIFIC

Guam									
Central Portion	01	1215SST 1240SST			0	2			Rip Currents

Lifeguard Frank San Nicolas said that around 1220 he pulled a 65 year old woman and her 26 year old son to shore at Ypao Beach in Tumon Bay. San Nicolas said he spotted the victims struggling in the water about 30 feet from shore. They were in water about 8 feet deep and in an area of strong currents. They panicked in the strong currents. The mother grabbed her son and they both sank. Both victims were conscious and responsive by the time Fire Department medics arrived.

GUZ002-006									
		Micronesia - Guam							
	07 08	0000SST 2359SST			0	1	150K		Flood

Storm Data and Unusual Weather Phenomena

April 2002

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

PACIFIC

Saipan

San Antonio	07	1200SST			0	2	Rip Currents
--------------------	-----------	----------------	--	--	----------	----------	---------------------

Guam

Agana	07	1500SST 1800SST			1	0	Rip Currents
--------------	-----------	----------------------------	--	--	----------	----------	---------------------

M38IW

At 1520 dispatchers at 911 received a call of a kayaker over the reef along the East Hagatna Bay. Local and military rescue units responded and began the search. They searched the waters from Oka point to Cabras Island. The lost kayaker was identified as 38 year old Hans Kristian Hansen. Involved in the search was the Coast Guard cutter Galveston Island, Guam Fire Department and a Navy HC-5 helicopter. Hansen was not wearing a personal flotation device, according to eyewitnesses. A videotape of the event showed a person paddling a kayak in fierce waves. It then showed the kayak flip at the reef line, then roll upright, empty. Two other kayakers were endangered by thorough waves but were rescued by "good Samaritans". On the 8th a kayak paddle that may belong to the missing man was found in the Piti area, causing rescuers to shift their search farther south. At 1700 April 11th the Guam Fire Department stopped its search and recovery effort.

The same waves that caused the loss of the kayaker also were responsible for coastal inundation along some north facing Guam coastlines. Chunks of coral, bits of old bottles and whole uprooted palm trees littered beaches and grassy areas along Route 1 in Asan. Sea water and debris splashed onto Route 1 in a few places where the road nears the water. Coastal inundation was reported at the War in the Pacific National Historic Park in Asan and also at the Paseo Park.

On Saipan, police rescued two men from a 14 foot homemade boat that capsized outside Sugar Dock Channel during the morning of the 7th. Mario M. Reyes and Jeffrey Santos were treated for minor bruises and scratches by medical technicians. The two men were holding onto the boat for 30 minutes as the current drifted them toward the reef near Hopward Junior High School in San Antonio. Reyes and his brother-in-law, Santos, went out trolling at 7 am. After several hours of fishing the two men decided to head back to Sugar Dock because the waters started to get rough.

The high surf also caused damage across portions of Micronesia, particularly in Chuuk State. The island of Moch, in the Mortlocks, suffered the most damage when 15 foot waves rushed inland early on the 8th. According to a report by the island's deputy mayor, surf went past seawalls and flooded 15 homes and five meeting halls, with water reaching the rooftops. Five of the homes were destroyed and 10 were severely damaged. Seventy-one now homeless people were evacuated to school classrooms and other homes. One man was injured when he was unable to leave his home and the roof fell on him. Seawalls on Oneop were also damaged when the ocean surged about 100 feet inland. Homes and property were not damaged on Oneop. Nine homes and two taro patches on the northern end of Lekinioch island were flooded on the morning of the 9th.

The high seas and strong swells were generated by a strong storm system off of Japan.

PENNSYLVANIA, Central

Dauphin County

Middletown	14	1740EST			0	0	Hail(0.75)
-------------------	-----------	----------------	--	--	----------	----------	-------------------

Dime sized hail was reported in Middletown.

Adams County

Cashtown	14	2130EST			0	0	1K	Thunderstorm Wind
-----------------	-----------	----------------	--	--	----------	----------	-----------	--------------------------

Thunderstorm winds downed trees in the town of Cashtown. One tree fell on a house, causing some damage.

Franklin County

Doyleburg	19	1315EST			0	0	Hail(0.75)
------------------	-----------	----------------	--	--	----------	----------	-------------------

Hail was reported in Doyleburg.

Warren County

Clarendon	28	1329EST			0	0	Hail(0.75)
------------------	-----------	----------------	--	--	----------	----------	-------------------

Penny sized hail was reported in Clarendon.

Elk County

Ridgway	28	1410EST 1500EST			0	0	Hail(0.88)
----------------	-----------	----------------------------	--	--	----------	----------	-------------------

Nickel sized hail was reported in Ridgway.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>PENNSYLVANIA, Central</u>									
Mckean County									
Duke Center	28	1425EST			0	0			Hail(1.75) Golf ball sized hail was reported in Duke Center.
Mckean County									
Eldred	28	1435EST			0	0			Hail(1.00) Quarter sized hail was reported in Eldred.
Warren County									
Warren	28	1440EST			0	0			Thunderstorm Wind (G50) Trees and wires were down in Warren.
Cambria County									
Westmont	28	1507EST			0	0			Thunderstorm Wind (G50) Trees and wires were down in Westmont.
Bedford County									
Beegleton	28	1532EST			0	0			Thunderstorm Wind (G50) Several telephone poles and wires were down.
Centre County									
State College	28	1541EST			0	0			Thunderstorm Wind (G50) ^M UNV ASOS measured a wind gust of 50 knots.
Centre County									
State College	28	1545EST			0	0			Hail(2.00) Hen egg sized hail was reported near Nittany Mall in State College.
Centre County									
1 S State College to State College	28	1548EST			0	0			Hail(2.75) Baseball sized hail was reported one mile south of University Park Airport.
Tioga County									
3 S Wellsboro	28	1550EST			0	0	3K		Thunderstorm Wind An uninhabited mobile home rolled over several times from straight line wind gusts.
Somerset County									
Meyersdale	28	1555EST			0	0			Hail(0.75) Penny sized hail was reported in Meyersdale.
Huntingdon County									
Orbisonia	28	1600EST			0	0			Hail(1.00) Quarter sized hail was reported in Orbisonia.
Clinton County									
Renovo	28	1600EST			0	0			Thunderstorm Wind (G50) 70 trees were reported down on Hyner Run Road in Renovo.
Lycoming County									
Calvert	28	1615EST			0	0			Thunderstorm Wind (G50) Trees were reported down in Calvert.
Mifflin County									
Lewistown	28	1620EST			0	0			Thunderstorm Wind (G50) Trees were reported down in Lewistown.
Lycoming County									
Williamsport	28	1640EST			0	0			Thunderstorm Wind (G50) Numerous trees were down in Williamsport.
Lycoming County									
Montgomery	28	1640EST			0	0	5K		Thunderstorm Wind A roof was blown off of a building in Montgomery.
Union County									
2 E Mifflinburg	28	1640EST			0	0			Thunderstorm Wind (G50) Trees were reported down 2 miles east of Mifflinburg.

Storm Data and Unusual Weather Phenomena

April 2002

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

PENNSYLVANIA, Central

Snyder County

Kratzerville	28	1647EST			0	0			Thunderstorm Wind (G50)
---------------------	-----------	----------------	--	--	----------	----------	--	--	--------------------------------

Trees and wires were down in Kratzerville.

Northumberland County

Sunbury	28	1651EST			0	0			Thunderstorm Wind (G50)
----------------	-----------	----------------	--	--	----------	----------	--	--	--------------------------------

Trees and wires were down in Sunbury.

Columbia County

Jerseytown	28	1655EST 1705EST	6	30	0	0	90K		Tornado (F1)
-------------------	-----------	----------------------------	----------	-----------	----------	----------	------------	--	---------------------

The tornado touched down near Bennett Road just Northeast of Jerseytown around 1655 LST, then moved East-Northeast just north of Welliversville before lifing off over Orange Township about 1705 LST. The path of the tornado was about 6 miles in length, while the width varied up to 300 yards. The top wind speeds were estimated to be near 100 mph, which rates this tornado as an F1. There were no deaths or injuries.

Perry County

5 N Shermans Dale	28	1700EST			0	0			Thunderstorm Wind (G50)
--------------------------	-----------	----------------	--	--	----------	----------	--	--	--------------------------------

Telephone poles were down 5 miles north of Shermans Dale.

Montour County

Danville	28	1700EST			0	0			Thunderstorm Wind (G50)
-----------------	-----------	----------------	--	--	----------	----------	--	--	--------------------------------

Trees and wires were down in Danville.

Dauphin County

Harrisburg	28	1708EST			0	0			Hail(1.00)
-------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Quarter sized hail was reported in Harrisburg.

Cumberland County

Boiling Spgs	28	1710EST			0	0			Thunderstorm Wind (G50)
---------------------	-----------	----------------	--	--	----------	----------	--	--	--------------------------------

Numerous trees were down in Boiling Springs.

Lebanon County

Ono	28	1713EST 1718EST	1.5	150	0	0	775K		Tornado (F1)
------------	-----------	----------------------------	------------	------------	----------	----------	-------------	--	---------------------

A tornado touched down near Lindley Murry Road and Schoolhouse Lane in East Hanover Twonship, near the town of Ono. The tornado path length was 1.5 miles long, and the width was up to 150 yards. Top wind speeds were estimated at 90 mph, making this a category F1 tornado. Damage from this tornado included 12 homes that were damaged or destroyed, fifteen barns damaged or destroyed and dozens of large trees.

Adams County

New Oxford	28	1720EST			0	0			Thunderstorm Wind (G50)
-------------------	-----------	----------------	--	--	----------	----------	--	--	--------------------------------

Trees were down in New Oxford.

York County

Emigsville	28	1730EST			0	0	15K		Thunderstorm Wind
-------------------	-----------	----------------	--	--	----------	----------	------------	--	--------------------------

Straight line thunderstorm winds downed dozens of trees in the Emigsville area of York County. Several out-buildings were knocked down as well.

Lancaster County

Lititz	28	1739EST			0	0	25K		Thunderstorm Wind
---------------	-----------	----------------	--	--	----------	----------	------------	--	--------------------------

Straight line thunderstorm winds ripped roofs off several mobile homes in Lititz. Numerous trees were also reported down.

PENNSYLVANIA, East

PAZ054>055-060>062-067>071 Carbon - Monroe - Berks - Lehigh - Northampton - Chester - Montgomery - Bucks - Delaware - Philadelphia

01	0000EST				0	0	0	Drought
30	2359EST							

Eastern Pennsylvania entered April 2002 with improving weather conditions with respect to the drought, but the drought emergency remained in effect for all of Eastern Pennsylvania with mandatory watering restrictions in place. The Delaware River Basin Commission, which oversees water supply throughout the Delaware River Basin declared a "drought" on December 3, 2001 when the supply of water in the New York City reservoir system dropped below a designated level for early December. The commission declared a drought emergency on December 18, 2001. Both triggered additional reductions in the amount of water released from the reservoirs into the Delaware River and the amount diverted out of the Delaware River Basin to New York City and New Jersey.

Storm Data and Unusual Weather Phenomena

April 2002

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

PENNSYLVANIA, East

Diversions to New York City dropped from 800 million gallons a day to 520 million gallons a day. The emergency declaration gave the commission the power to restrict the amount of water suppliers could draw from the basin. It gave the commission the authority to take water from municipal reservoirs to maintain river levels. It could also call for water releases from federal, state and privately owned reservoirs. Water from Lake Nockamixon, the F.E. Walter Reservoir and Lake Wallenpaupack could be used to maintain river levels. Releases from the F.E. Walter Dam were reduced to one-third of normal to save water. They were last used for this purpose in the 1960s. The releases help protect the riverbank and aquatic life and also prevents salt water from flowing up the Delaware River. Salt water intrusion causes corrosion problems for industries and increases water treatment costs for municipalities that depend on the river for their water supply. Maintaining river levels are also important for groundwater reserves that are recharged by the river itself. On April 1st, the salt front along the Delaware River was eight miles farther upstream than its normal April position. The emergency declaration also gives the commission the power to request that utilities and other companies that use more than one million gallons of water a day to prepare contingency plans to use less water and submit the plans to the commission.

In Chester County at the start of the month, 17 of the 19 monitoring wells were at drought emergency levels. Two of the wells went dry. The state of Delaware was requesting that the county hold back releases from the Marsh Creek Reservoir. Monitoring wells in Carbon County were three to ten feet below normal. In Monroe County, about 20 homeowner wells have gone dry and streams in the county were flowing at 20 percent below normal. There was water quality concerns throughout Eastern Pennsylvania as lower river levels not only would increase water temperatures but reduce water available for diluting pollutants. Conditions improved as April wore on, especially across Berks County, the Lehigh Valley and the Poconos. Below normal monthly precipitation fell across Philadelphia and its immediate suburbs. On a county weighted average in and around Philadelphia, April monthly precipitation totals ranged from 2.6 inches in Philadelphia to 3.1 inches in Bucks County. Normal is around 3.8 inches. Across Berks County, the Lehigh Valley and the Poconos on a county weighted average April monthly precipitation totals ranged from 4.2 inches in Berks County to 5.5 inches in Monroe County. Normal is around 3.7 inches. Of equal importance, April monthly rainfall was slightly wetter than normal in the New York City Delaware River watershed area in upstate New York. The New York City Reservoirs which feed the Delaware River increased from 50.2 percent of capacity on April 1st to 62.5 percent of capacity on May 1st. Normal for May 1st is 100 percent of capacity.

April total monthly precipitation was 4.10 inches at the Reading Regional Airport, 3.83 inches at the Lehigh Valley International Airport and 2.17 inches at the Philadelphia International Airport.

Monroe County

Buck Hill Falls

19	1200EST		0	0	0	Lightning
----	---------	--	---	---	---	------------------

Monroe County

Buck Hill Falls

19	1200EST 1400EST		0	0	0	Wild/Forest Fire
----	--------------------	--	---	---	---	-------------------------

A lightning strike ignited a forest fire in the Buck Hill area of Barrett Township. The strike struck Bush Mountain about 400 yards off of Pennsylvania State Route 191 and about two miles from the Wayne County line. The fire was contained after about 5 to 6 acres were scorched that afternoon. No injuries or property damage was reported.

Lehigh County

Countywide

19	1510EST 1535EST		0	0	Thunderstorm Wind (G57)^M
----	--------------------	--	---	---	--

A line of severe thunderstorms knocked over several trees and wires across Lehigh County. A wind gust of 66 mph was measured in Schnecksville.

Chester County

Kimberton

19	1555EST		0	0	Thunderstorm Wind (G50)
----	---------	--	---	---	--------------------------------

Chester County

Kennett Square

19	1610EST		0	0	Thunderstorm Wind (G50)
----	---------	--	---	---	--------------------------------

Severe thunderstorms tore down trees and power lines in East Pikeland Township in the northeast part of Chester County and Kenneth Square Borough and West Goshen Township in the southeast part of the county. PECO Energy reported about 2,600 of its customers lost power in Chester and Delaware Counties.

Delaware County

Wayne to Chester Hgts

19	1615EST		0	0	Thunderstorm Wind (G50)
----	---------	--	---	---	--------------------------------

A severe thunderstorm tore down large limbs and wires along western parts of Delaware County. PECO Energy reported about 2,600 of its customers lost power in Chester and Delaware Counties.

Carbon County

Jim Thorpe

28	1740EST		0	0	Thunderstorm Wind (G50)
----	---------	--	---	---	--------------------------------

A severe thunderstorm tore down poles along Pennsylvania State Route 903 in and around Jim Thorpe.

Storm Data and Unusual Weather Phenomena

April 2002

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

PENNSYLVANIA, East

Berks County

Vinemont	28	1750EST			0	0			Thunderstorm Wind (G50)
-----------------	----	---------	--	--	---	---	--	--	--------------------------------

A severe thunderstorm tore down several trees in Vinemont within Spring Township.

Montgomery County

New Hanover	28	1820EST			0	0			Thunderstorm Wind (G50)
--------------------	----	---------	--	--	---	---	--	--	--------------------------------

A severe thunderstorm tore down a couple of trees in New Hanover Township.

Bucks County

3 N Richlandtown	28	1825EST			0	0			Thunderstorm Wind (G50)
-------------------------	----	---------	--	--	---	---	--	--	--------------------------------

Bucks County

2 SW Yardley	28	1845EST			0	0			Thunderstorm Wind (G57)
---------------------	----	---------	--	--	---	---	--	--	--------------------------------

Severe thunderstorms pulled down tree limbs in Springfield Township and whole trees in Lower Makefield Township. In Lower Makefield Township, a sixty-five foot oak tree snapped near the base and crashed into the second floor of a home. A 35 ton crane was needed to remove it. Water pipes on the second floor of the house burst and cracks were seen on the first floor. Trees were also knocked down onto two other roads within the township. PECO Energy reported about 6,100 of its customers lost power in Bucks and Montgomery County.

PENNSYLVANIA, Northeast

Pike County

Milford	19	1422EST			0	0			Hail(0.75)
----------------	----	---------	--	--	---	---	--	--	-------------------

Dime size hail.

PENNSYLVANIA, Northwest

Erie County

Union City	15	1615EST			0	0	5K		Hail(0.75)
-------------------	----	---------	--	--	---	---	----	--	-------------------

Dime size hail was reported.

Crawford County

Meadville	15	1648EST			0	0	10K		Hail(1.00)
------------------	----	---------	--	--	---	---	-----	--	-------------------

Quarter size hail was reported three miles north of Meadville.

Crawford County

Conneautville	15	1655EST			0	0	20K		Tstm Wind/Hail
----------------------	----	---------	--	--	---	---	-----	--	-----------------------

Dime size hail fell and a few trees were downed just east of Conneautville.

Crawford County

Saegertown	15	1710EST			0	0	10K		Thunderstorm Wind
-------------------	----	---------	--	--	---	---	-----	--	--------------------------

Thunderstorm winds downed several trees.

Crawford County

Meadville	15	1715EST			0	0	10K		Hail(1.00)
------------------	----	---------	--	--	---	---	-----	--	-------------------

Quarter size hail was reported.

Crawford County

Meadville	15	1728EST 1733EST			0	0	10K		Hail(1.00)
------------------	----	--------------------	--	--	---	---	-----	--	-------------------

Quarter size hail was reported eight miles east of Meadville.

Crawford County

Countywide	15	1735EST 1915EST			0	0	250K		Flash Flood
-------------------	----	--------------------	--	--	---	---	------	--	--------------------

Thunderstorms dumped over an inch and a half of rain in a very short period of time. Numerous small streams and creeks left their banks forcing the closure of many roads. Several roads were washed out near Saegertown and to the south of Meadville. Street flooding occurred in Meadville with water on some roadways over two feet in depth. First floor flooding occurred in several homes near Saegertown.

Crawford County

Cambridge Spgs	28	1230EST			0	0	35K		Hail(1.75)
-----------------------	----	---------	--	--	---	---	-----	--	-------------------

Golf ball size hail was reported.

Storm Data and Unusual Weather Phenomena

April 2002

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

PENNSYLVANIA, Northwest

Erie County

Albion	28	1230EST			0	0	20K		Hail(1.75)
--------	----	---------	--	--	---	---	-----	--	------------

Golf ball size hail was reported.

Erie County

Erie	28	1240EST			0	0			Funnel Cloud
------	----	---------	--	--	---	---	--	--	--------------

Trained spotters reported a funnel cloud just north of Erie over Presque Isle.

Erie County

Erie Intl Arpt	28	1240EST			0	0	250K		Thunderstorm Wind (G55) ^M
----------------	----	---------	--	--	---	---	------	--	--------------------------------------

A 63 mph thunderstorm wind gust was measured at Erie International Airport. Several buildings and 21 vehicles were damaged at the airport by the strong winds and flying debris. Two of the buildings sustained major damage.

Erie County

Countywide	28	1245EST 1320EST			0	0	250K		Thunderstorm Wind
------------	----	--------------------	--	--	---	---	------	--	-------------------

Thunderstorm winds caused scattered damage across northern Erie County from the western portion of the City of Erie to North East. Many trees, road signs and power poles were downed across the area. Several buildings were damaged in the City of Erie and a fallen tree damaged a house in Wesleyville. Many cars were also damaged.

Erie County

Edinboro	28	1245EST			0	0	10K		Hail(0.88)
----------	----	---------	--	--	---	---	-----	--	------------

Nickel size hail was reported north of Edinboro near McKean.

Erie County

Erie	28	1248EST			0	0	35K		Hail(1.75)
------	----	---------	--	--	---	---	-----	--	------------

Golf ball size hail was reported over Presque Isle.

Erie County

Waterford	28	1258EST			0	0	10K		Hail(1.00)
-----------	----	---------	--	--	---	---	-----	--	------------

Quarter size hail was reported northwest of Waterford.

Erie County

Harborcreek	28	1300EST			0	0	15K		Hail(1.00)
-------------	----	---------	--	--	---	---	-----	--	------------

Quarter size hail was reported.

PENNSYLVANIA, West

PAZ013

Lawrence

14	2000EST			0	0	5K		Flood
15	0600EST							

Several rounds of thunderstorm rains over the past few days brought streams and creeks over bank full, producing flooding across the county. Two roads were temporarily closed; Dougherty Road in Shenango Township, and Old Plank Road in Neshannock Township.

Mercer County

1 N Stoneboro	15	1740EST			0	0		Hail(0.88)
---------------	----	---------	--	--	---	---	--	------------

Venango County

1 N Franklin	15	1800EST			0	0		Hail(1.00)
--------------	----	---------	--	--	---	---	--	------------

Clarion County

2 E Scotch Hill	15	1815EST			0	0		Hail(0.88)
-----------------	----	---------	--	--	---	---	--	------------

Nickel-sized hail covered area roadways.

Mercer County

New Lebanon	15	1815EST			0	0		Hail(0.75)
-------------	----	---------	--	--	---	---	--	------------

Venango County

Clintonville	15	1830EST			0	0		Hail(0.75)
--------------	----	---------	--	--	---	---	--	------------

Butler County

Eau Claire	15	1840EST			0	0		Hail(0.75)
------------	----	---------	--	--	---	---	--	------------

Jefferson County

2 W Brookville	15	1840EST			0	0		Hail(0.88)
----------------	----	---------	--	--	---	---	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>PENNSYLVANIA, West</u>									
Clarion County									
Fryburg	15	1900EST			0	0			Hail(0.88)
Jefferson County									
Brookville	15	1900EST			0	0	5K		Thunderstorm Wind
Thunderstorm winds downed several trees.									
Venango County									
3 N Oil City	15	1910EST			0	0			Hail(0.88)
Mercer County									
New Lebanon	15	1920EST 2100EST			0	0	5K		Flood
Heavy thunderstorm rains forced Mill Creek from its banks, causing minor flooding along Messenger Road.									
Armstrong County									
Kellersburg	15	1945EST			0	0			Hail(0.75)
Jefferson County									
Brookville	15	1950EST 2200EST			0	0	50K		Flood
Heavy thunderstorm rains forced North Fork Creek from its banks, flooding a trailer park.									
Clarion County									
2 N New Bethlehem	15	2000EST			0	0			Hail(0.88)
Indiana County									
Ernest	15	2015EST			0	0			Hail(0.88)
Clarion County									
Rimersburg	15	2030EST 2230EST			0	0	5K		Flood
Heavy thunderstorm rains temporarily flooded portions of State Highway 68 near Rimersburg and State Highway 861 between Rimersburg and New Bethlehem.									
Indiana County									
Clymer	15	2115EST 2330EST			0	0			Flood
Heavy thunderstorm rains produced minor road flooding in the Clymer and Marion Center areas.									
Venango County									
Franklin	19	1405EST			0	0			Hail(0.75)
Mercer County									
Carlton	19	1420EST			0	0			Hail(0.75)
Indiana County									
Glen Campbell	19	1615EST			0	0	5K		Thunderstorm Wind
Thunderstorm winds downed several trees.									
Allegheny County									
Gibsonia	19	1905EST			0	0			Hail(0.88)
Mercer County									
Mercer	28	1323EST			0	0			Thunderstorm Wind (G51) ^M
A thunderstorm wind gust to 60 MPH was measured by a spotter.									
Mercer County									
Sharon	28	1330EST			0	0			Hail(0.75)
Beaver County									
Hookstown	28	1355EST			0	0			Hail(1.00)
Butler County									
Harmony	28	1355EST			0	0			Hail(1.50)
Butler County									
2 E West Liberty	28	1357EST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>PENNSYLVANIA, West</u>									
Beaver County									
5 S Monaca	28	1400EST			0	0			Hail(0.75)
Washington County									
Canonsburg	28	1410EST			0	0	5K		Thunderstorm Wind
Thunderstorm winds downed several large trees and power lines.									
Allegheny County									
Moon	28	1415EST			0	0			Hail(1.50)
Allegheny County									
Ingomar	28	1416EST			0	0			Hail(1.00)
Allegheny County									
Wexford	28	1423EST			0	0			Hail(1.50)
Allegheny County									
Russelton	28	1425EST			0	0			Hail(1.75)
Washington County									
Donora	28	1425EST			0	0	10K		Thunderstorm Wind
Thunderstorm winds blew a large bank sign down onto a car.									
Allegheny County									
Natrona	28	1430EST			0	0			Hail(0.75)
Butler County									
Sarver	28	1435EST			0	0	2K		Thunderstorm Wind
Thunderstorm winds downed a few trees onto State Highway 356.									
Westmoreland County									
Lower Burrell	28	1435EST			0	0			Hail(1.00)
Greene County									
Jefferson	28	1440EST			0	0	5K		Thunderstorm Wind
Thunderstorm winds downed several large trees.									
Fayette County									
Dunbar	28	1445EST			0	0	10K		Thunderstorm Wind
Thunderstorm winds downed numerous trees.									
Westmoreland County									
Arnold	28	1448EST			0	0			Hail(1.50)
Indiana County									
Indiana	28	1505EST			0	0			Hail(1.00)
Fayette County									
Uniontown	28	1510EST			0	0			Hail(0.75)
Fayette County									
Uniontown	28	1520EST			0	0			Hail(1.00)
Mercer County									
2 E Sharon to 5 NW Mercer	28	1335EST 1340EST	6	50	0	0	150K		Tornado (F0)
Mercer County									
5 NE Mercer to 5 E Stoneboro	28	1345EST 1400EST	10	200	0	0	750K		Tornado (F1)
Venango County									
1 W Raymilton to 2 SW Franklin	28	1400EST 1406EST	6	200	0	0	250K		Tornado (F1)

A storm producing two separate tornadoes moved across Mercer and Venango counties.

The first tornado spawned by this storm, an F0, touched down in Mercer County at 1:35 PM EST near the community of Hermitage (approximately 2 miles east of Sharon) and moved to the east-northeast for about 6 miles before dissipating at approximately 1:40 PM EST. The maximum estimated winds were about 70 MPH. Some of the damage observed from this first tornado included a

Storm Data and Unusual Weather Phenomena

April 2002

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

PENNSYLVANIA, West

downed fire tower near Hermitage. The windward side of a barn in Jefferson Township was blown apart and the adjacent building exhibited large holes in the metal sides from flying debris. A garage that was under construction also suffered major damage. Numerous trees and telephone poles were either toppled or snapped along the path of the tornado. There were also some trees toppled onto houses.

The same storm continued moving to the east-northeast and produced another tornado in Mercer County, an F1, which touched down about 5 miles northeast of Mercer near Lake Latonka at 1:45 PM EST. It moved to the east-northeast along Routes 65 and 965, eventually crossing over into Venango County at 2:00 PM EST approximately 5 miles east of the town of Stoneboro. The tornado continued traveling to the east-northeast in Venango County, passing just south of the town of Polk, then dissipating about 2 miles southwest of Franklin at approximately 2:06 PM EST. Even though the tornado dissipated, sporadic downburst wind damage continued for several more miles in Venango County. The total path length of this tornado was about 16 miles, with 10 of those miles in Mercer County and 6 miles in Venango County. The maximum estimated winds were 105 MPH with a maximum width of about 200 yards.

In Mercer County, this tornado produced structural damage to several houses at Lake Latonka. Also, there were several decks and porches destroyed. Some sheds and small garages were damaged, and there were numerous trees toppled or snapped. One boat was blown over, and siding and shingles were blown off houses. Near Jackson Corners, there were numerous large trees downed, as well as power lines and telephone poles. Also, several trees were toppled onto houses. Several signs were destroyed, and roofs, siding and shingles were ripped from several houses and out-buildings. The fish hatchery building had about a 100-square foot piece of its metal roof ripped off and thrown several hundred yards. A relatively new garage was completely destroyed. Also, a wooden 2x4 board was found thrown into a mobile home and pieces of wood were also driven into the front of a car. As the tornado approached the Venango County line, the damage pattern widened considerably. Thousands of trees and branches were snapped or toppled. At this point the path width of damage stretched to nearly one-half mile, as the tornado track was joined by microburst damage.

In Venango County, this tornado caused minor damage to 3 homes; moderate damage to another, and totally destroyed 4 barns. There were also 2 tree farms that suffered major damage and one-half of a double-wide mobile home was turned completely over onto its roof.

Butler County

**10 W Butler to
2 NW Butler**

28	1401EST 1406EST	7	50	0	0	200K	Tornado (F1)
-----------	----------------------------	----------	-----------	----------	----------	-------------	---------------------

An F1 tornado touched down at 2:01 PM EST around 10 miles west of the city of Butler. It traveled to the east-northeast and dissipated at around 2:06 PM EST 2 miles northwest of Butler. The estimated maximum winds along this 7-mile path were about 105 MPH.

Roofs were blown off several houses with one being deposited about 75 yards away. Other houses lost siding, and a barn lost part of its roof. Large swaths of trees were downed. Some of the trees were laying in a circular or converging pattern which indicated cyclonic motion. Some trees were also snapped or sheared off.

Armstrong County

**1 S Spring Church to
1 E Maysville**

28	1445EST 1452EST	3	150	0	0	150K	Tornado (F0)
-----------	----------------------------	----------	------------	----------	----------	-------------	---------------------

Indiana County

**1 W Iselin to
Iselin**

28	1452EST 1455EST	1	150	0	0	15K	Tornado (F0)
-----------	----------------------------	----------	------------	----------	----------	------------	---------------------

Indiana County

**6 SW Indiana to
1 S Indiana**

28	1500EST 1506EST	5	250	0	1	750K	Tornado (F2)
-----------	----------------------------	----------	------------	----------	----------	-------------	---------------------

A storm spawning two separate tornadoes passed over southern Armstrong County, continuing eastward into Indiana County.

The first tornado, an F0, touched down at approximately 2:45 PM EST just south of the town of Spring Church in Armstrong County. It traveled east about 3 miles before crossing into Indiana County approximately 1 mile east of Maysville at 2:52 PM EST. This tornado continued traveling to the east for another mile, finally dissipating near the community of Iselin at around 2:55 PM EST. The maximum estimated winds with this tornado were about 70 MPH.

Damage from this first tornado included numerous trees which were toppled or snapped. A small steeple was toppled, and a swimming pool was destroyed. There were several trees toppled onto houses, and some houses suffered minor wind damage. A garage was damaged, and a house under construction was lifted off the foundation.

The same storm produced another stronger tornado, an F2, which touched down in Indiana County approximately 6 miles southwest of the city of Indiana at 3:00 PM EST. This F2 traveled to the east across Center Township for approximately 5 miles, dissipating just south of Indiana at 3:06 PM EST. The estimated maximum winds were around 135 MPH.

Storm Data and Unusual Weather Phenomena

April 2002

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

PENNSYLVANIA, West

This F2 tornado produced a swath of damage as it traveled eastward across Indiana County. One house was totally destroyed, and debris from this house was blown downwind. In this same area, a car was turned over and trees were stripped of leaves. An adjacent house exhibited damage from hail or flying projectiles on several sides. The house immediately to the north of the destroyed house lost part of its east-facing roof. There were at least an additional 18 houses damaged (roofs, shingles, siding, etc.). Several garages and barns were either toppled or snapped. A large sign from a hotel was blown down onto a car sales lot. Two cars were crushed and 18 other vehicles were damaged. One moderate injury was reported with this tornado.

Indiana County

**Deckers Pt to
2 E Deckers Pt**

28	1510EST 1513EST	2	100	0	1	250K		Tornado (F1)
-----------	----------------------------	----------	------------	----------	----------	-------------	--	---------------------

An F1 tornado touched down near the small town of Deckers Point (about 7 miles northeast of Clymer) at 3:10 PM EST. It traveled about 2 miles before dissipating at 3:13 PM EST. The maximum estimated winds were about 90 MPH.

The tornado blew the doors off of one house and caused the opposite wall to push out, while also lifting up the roof. A 100-year old house lost its entire roof, which was blown off and deposited about 150 yards away. Additionally, the house's garage was completely destroyed with cinder blocks thrown nearly 100 yards. There were numerous trees, power lines, and telephone poles downed. Sheds and small garages were damaged or destroyed, and one wooden garage was picked up and moved over the car that was parked inside.

PUERTO RICO

Northwest

Isabela

05	1530AST 1800AST			0	0	300K	20K	Flash Flood
-----------	----------------------------	--	--	----------	----------	-------------	------------	--------------------

Torrential rains occurred over the northwest sections of Puerto Rico but mainly in the vicinity of Isabela. Rainfall accumulation was near six inches of rain in a three hour period. This rainfall caused many irrigation channels to overflow affecting several roads and communities in low lying areas. Emergency Managers indicated that about 100 houses were affected by the waters as well as some factories and small businesses along road 2. In addition, crops of beans, coriander and eggplant were affected by the waters.

Northwest

Isabela

06	1600AST 1800AST			0	0	50K		Urban/Sml Stream Fld
-----------	----------------------------	--	--	----------	----------	------------	--	-----------------------------

Heavy rains occurred once again in the vicinity of Isabela due to daytime heating and local effects causing several roads to flood and some communities affected by water.

Northeast

Naguabo

16	0700AST 0900AST			0	0			Urban/Sml Stream Fld
-----------	----------------------------	--	--	----------	----------	--	--	-----------------------------

Heavy rains caused various roads and a sector in Naguabo to flood.

Northeast

Luquillo

20	0600AST 1000AST			0	0	20K		Heavy Rain
-----------	----------------------------	--	--	----------	----------	------------	--	-------------------

A stationary upper level trough in the vicinity of the area caused heavy rains over the northeast sections of Puerto Rico. This rainfall caused several landslides in Luquillo where four families were moved to safety after their houses were partially destroyed. Other low lying areas in Luquillo were flooded.

Central Interior

Barranquitas

24	1600AST 1800AST			0	0	20K		Heavy Rain
-----------	----------------------------	--	--	----------	----------	------------	--	-------------------

Heavy rains caused a bridge to collapse in a sector in Barranquitas and various landslides.

Western Interior

Utua

25	1300AST 1500AST			0	0	20K		Urban/Sml Stream Fld
-----------	----------------------------	--	--	----------	----------	------------	--	-----------------------------

Heavy rains caused a small stream to overflow its banks in Utua flooding four houses nearby and low lying areas. In addition, this rainfall caused various landslides.

San Juan And Vicinity

West Portion

30	1300AST			0	0	20K		Urban/Sml Stream Fld
-----------	----------------	--	--	----------	----------	------------	--	-----------------------------

Heavy rains caused landslides and various roads to flood in Bayamon affecting some residences. In addition, urban flooding was reported in Toa Alta.

Storm Data and Unusual Weather Phenomena

April 2002

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

RHODE ISLAND

Providence County

Cranston	03	1645EST			0	1			Lightning
----------	----	---------	--	--	---	---	--	--	-----------

Lightning from an isolated thunderstorm moving across Rhode Island struck a woman as she waited at a bus stop.

SOUTH CAROLINA, Central

Lexington County

3 N Gilbert	17	1708EST			0	0			Hail(0.75)
-------------	----	---------	--	--	---	---	--	--	------------

Sheriff reported ambulance driver called in dime size hail and heavy rain on U.S.1 heading toward Leesville.

Chesterfield County

Cheraw	18	1458EST			0	0			Hail(0.75)
--------	----	---------	--	--	---	---	--	--	------------

Sheriff reported dime size hail.

Orangeburg County

North	18	1605EST			0	0	0	0	Thunderstorm Wind (G50)
-------	----	---------	--	--	---	---	---	---	-------------------------

Sheriff reported a couple of trees down in North.

SOUTH CAROLINA, North Coastal

Horry County

Duford	18	1735EST 1740EST			0	0			Hail(0.88)
--------	----	--------------------	--	--	---	---	--	--	------------

A farmer reported nickel size hail. Dime size hail was also reported one mile east of Duford.

SOUTH CAROLINA, Northwest

Cherokee County

Gaffney	17	1645EST			0	0	1K		Thunderstorm Wind (G50)
---------	----	---------	--	--	---	---	----	--	-------------------------

Several trees were blown down across Serrine Drive.

Laurens County

2 N Clinton	17	1830EST			0	0			Hail(1.00)
-------------	----	---------	--	--	---	---	--	--	------------

Chester County

7 SE Chester	18	1438EST			0	0	1K		Thunderstorm Wind (G50)
--------------	----	---------	--	--	---	---	----	--	-------------------------

A few trees were blown down.

Oconee County

Fair Play	28	2010EST 2020EST			0	0			Hail(1.75)
-----------	----	--------------------	--	--	---	---	--	--	------------

Oconee County

4 SSW Oakway	28	2010EST 2020EST			0	0			Hail(1.75)
--------------	----	--------------------	--	--	---	---	--	--	------------

Reported in South Union.

Oconee County

Westminster	28	2010EST 2020EST			0	0			Hail(1.75)
-------------	----	--------------------	--	--	---	---	--	--	------------

Oconee County

Keowee	28	2030EST			0	0	2K		Thunderstorm Wind (G50)
--------	----	---------	--	--	---	---	----	--	-------------------------

Large plastic covers were blown off of a greenhouse.

Oconee County

Madison	28	2030EST 2040EST			0	0	500K		Hail(3.00)
---------	----	--------------------	--	--	---	---	------	--	------------

Widespread damage to buildings and vehicles was reported.

Oconee County

Madison to Fair Play	28	2030EST 2040EST			0	0	50K		Thunderstorm Wind (G65)
-------------------------	----	--------------------	--	--	---	---	-----	--	-------------------------

Numerous trees and power lines were reported down. In addition, gutters were reportedly torn off of some homes.

Storm Data and Unusual Weather Phenomena

April 2002

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

SOUTH CAROLINA, Northwest

Anderson County									
1 W Townville	28	2045EST			0	0			Funnel Cloud
Anderson County									
1 W Townville	28	2045EST			0	0			Hail(1.75)
Anderson County									
2 SW Anderson	28	2055EST			0	0	1K		Thunderstorm Wind (G50)
Power lines were reported down.									
Anderson County									
10 S Anderson to 14 S Anderson	28	2055EST 2105EST			0	0			Funnel Cloud
Two funnel clouds tracked across southern Anderson county before dissipating near the Abbeville County line.									
Abbeville County									
Antreville	28	2115EST			0	0			Hail(0.75)

SOUTH CAROLINA, South Coastal

SCZ040-042>045-047>050 Allendale - Hampton - Northern Colleton - Dorchester - Berkeley - Jasper - Beaufort - Southern Colleton - Charleston									
	01	0000EST			0	0			Drought
	30	2359EST							
Moderate to severe drought conditions persisted over south coastal South Carolina through the month of May. Rainfall for the month was 1.56 inches, which was just a little over half of the normal. However, 1.22 inches of that amount fell on the 10th.									
Berkeley County									
5 E Moncks Corner	18	1513EST 1518EST			0	0			Hail(0.75)

SOUTH DAKOTA, Central and North

Deuel County									
2 NW Toronto	16	1715CST			0	0			Hail(1.00)
Mcperson County									
9 E Leola	18	0115CST			0	0			Thunderstorm Wind (G61)
Brown County									
7 NW Frederick	18	0125CST			0	0			Hail(0.75)
Brown County									
7 NW Frederick	18	0125CST			0	0			Thunderstorm Wind (G52)
SDZ003>011-015>018-021- 033>037-045-048-051 Corson - Campbell - Mcpherson - Brown - Marshall - Roberts - Walworth - Edmunds - Day - Dewey - Potter - Faulk - Spink - Grant - Stanley - Sully - Hughes - Hyde - Hand - Jones - Lyman - Buffalo									
	23	1830CST			0	0			High Wind (G63) ^M
	24	0130CST							
High winds of 35 to 50 mph gusting to over 70 mph occurred across much of central and northeast South Dakota. The strong winds caused some spotty damage to property and trees. With the dry conditions, dust was stirred up by the winds and caused reduced visibilities at many locations. The highest wind gust was 72 mph at Onida.									

SOUTH DAKOTA, Southeast

Turner County									
Dolton	13	1555CST			0	0			Hail(1.50)
Turner County									
Dolton	13	1605CST			0	0			Hail(0.88)
Mccook County									
6 S Canistota	13	1615CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>SOUTH DAKOTA, Southeast</u>									
McCook County									
4 SE Canistota	13	1625CST			0	0			Hail(0.88)
McCook County									
6 SE Canistota	13	1633CST			0	0			Hail(0.75)
McCook County									
6 E Canistota	13	1638CST			0	0			Hail(1.00)
Minnehaha County									
Hartford	13	1720CST			0	0			Hail(0.75)
Brookings County									
7 NE White	13	1730CST			0	0			Hail(0.88)
Minnehaha County									
Crooks	13	1740CST			0	0			Hail(0.88)
Minnehaha County									
Crooks	13	1741CST			0	0			Hail(0.88)
Minnehaha County									
(Fsd)Joe Foss Fld Si	13	1756CST			0	0			Hail(0.75)
Minnehaha County									
2 E (Fsd)Joe Foss Fld Si	13	1758CST			0	0			Hail(0.88)
Minnehaha County									
(Fsd)Joe Foss Fld Si	13	1800CST			0	0			Hail(1.00)
Minnehaha County									
4 E (Fsd)Joe Foss Fld Si	13	1805CST			0	0			Hail(0.75)
Minnehaha County									
4 E (Fsd)Joe Foss Fld Si	13	1813CST			0	0			Hail(0.75)
Minnehaha County									
Brandon	13	1816CST			0	0			Hail(0.75)
Brookings County									
10 NE White	13	1825CST			0	0			Hail(0.75)
Minnehaha County									
1 N Valley Spgs	13	1825CST			0	0			Hail(0.75)
Lake County									
Chester	16	1625CST			0	0			Hail(0.75)
Lake County									
Chester	16	1655CST			0	0	50K		Hail(1.75)
		Large hail damaged vehicles, roofs, and trees.							
Minnehaha County									
8 SW Hartford	16	1628CST			0	0			Hail(1.00)
Minnehaha County									
8 SW Hartford	16	1628CST			0	0			Thunderstorm Wind (G52)
Minnehaha County									
Hartford	16	1640CST			0	0			Hail(0.88)
Minnehaha County									
5 NW (Fsd)Joe Foss Fld	16	1647CST			0	0			Hail(0.75)
Minnehaha County									
Crooks	16	1653CST			0	0			Hail(0.75)
Minnehaha County									
Crooks	16	1654CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>SOUTH DAKOTA, Southeast</u>									
Minnehaha County Crooks	16	1656CST			0	0			Hail(0.88)
Minnehaha County 5 S Hartford	16	1707CST			0	0			Hail(0.88)
Minnehaha County Hartford	16	1709CST			0	0			Hail(1.00)
Minnehaha County 5 S Hartford	16	1711CST			0	0			Hail(1.00)
Minnehaha County 2 S Dell Rapids	16	1712CST			0	0			Hail(0.75)
Minnehaha County 8 SW Hartford	16	1714CST			0	0			Hail(0.88)
Minnehaha County Baltic	16	1726CST			0	0			Hail(0.75)
Minnehaha County Baltic	16	1728CST			0	0			Hail(0.75)
Minnehaha County Dell Rapids	16	1728CST			0	0			Hail(0.75)
Minnehaha County 8 SW Hartford	16	1730CST			0	0			Hail(1.00)
Minnehaha County 2 S Dell Rapids	16	1734CST			0	0			Hail(0.75)
Moody County 7 NW Flandreau	16	1704CST			0	0			Hail(0.75)
Brookings County White	16	1712CST			0	0			Hail(0.75)
Moody County 3 SE Trent	16	1745CST			0	0			Hail(1.00)
SDZ040-055>056-061>062	Brookings - Lake - Moody - Mccook - Minnehaha	20 2200CST 21 0900CST			0	0			Heavy Snow

A late season wet snowfall accumulated four to eight inches and disrupted travel.

SOUTH DAKOTA, West

SDZ024	Northern Black Hills								
	01	1900MST 2200MST			0	0	0		Winter Storm
	Local effects contributed to an orographic "upslope" snow event over the Northern Black Hills. Generally six to ten inches of snow were reported across Lawrence County.								
Lawrence County Spearfish	15	2330MST			0	0	5K		Thunderstorm Wind (G52)
	A local radio station reported several reports of tree limbs down and shingles blown off roofs in town. One window was broken by flying debris.								
Haakon County 8 NNE Milesville	17	2230MST			0	0	0		Thunderstorm Wind (G57)
Ziebach County 20 SE Dupree	17	2230MST			0	0	0		Thunderstorm Wind (G52)
Ziebach County 18 SSE Dupree	17	2232MST			0	0	0		Hail(1.75)

Storm Data and Unusual Weather Phenomena

April 2002

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

SOUTH DAKOTA, West

A severe thunderstorm moved across Southern Ziebach and Northern Haakon Counties producing winds to 65 mph and golf ball sized hail.

SDZ001>002-012>014-025>026-030>032-042>044-046
Harding - Perkins - Butte - Northern Meade Co Plains - Ziebach - Northern Foot Hills - Rapid City - Custer Co Plains - Pennington Co Plains - Haakon - Shannon - Jackson - Bennett - Mellette

23	1432MST 1845MST				0	1	0.10K		High Wind (G71)^M
----	--------------------	--	--	--	---	---	-------	--	------------------------------------

A very strong cold front blasted across Western South Dakota in early afternoon hours. Through the afternoon and evening hours, the surface pressure gradient, along with copious subsidence and strong low-level winds which were able to reach the surface through boundary layer mixing, persisted. All these ingredients combined to produce very strong winds. One injury was reported near Enning in Meade County when a port-a-potty was blown over, breaking the occupants arm. In Northern Ziebach County winds gusted over 80 mph, blowing over a 55 gallon drum of gasoline.

TENNESSEE, Central

Davidson County

Goodlettsville	17	1600CST			0	0			Hail(0.75)
-----------------------	----	---------	--	--	---	---	--	--	-------------------

Public reported dime size hail.

Lawrence County

5 W Lawrenceburg	17	1620CST			0	0			Hail(0.75)
-------------------------	----	---------	--	--	---	---	--	--	-------------------

EMA director reported dime size hail.

Giles County

Lynnville	17	1645CST			0	0			Hail(0.75)
------------------	----	---------	--	--	---	---	--	--	-------------------

Police dept. reported dime size hail.

Cheatham County

Marrowbone	17	2000CST			1	0			Heavy Rain
-------------------	----	---------	--	--	---	---	--	--	-------------------

Locally heavy rains caused some creeks to swell. There was no flooding on any creeks or streams according to EMA officials. However, a 63 year old woman was swept away in her car while crossing a creek that partially covered a private road just off Big Marrowbone Road. She might have been unaware that the creek had risen to a depth of 3 feet, although she had crossed the creek earlier that afternoon. The creek was not out of its banks. F63VE

Rutherford County

Smyrna	24	1200CST			0	0	175K		Lightning
---------------	----	---------	--	--	---	---	------	--	------------------

The home of Police Sgt. Scott Byers was struck by lightning. The lightning struck the electrical box and then quickly spread to his home on Ella Dr. The house was completely destroyed by fire.

Putnam County

7 W Cookeville	24	2040CST			0	0			Hail(0.75)
-----------------------	----	---------	--	--	---	---	--	--	-------------------

Spotter reported dime size hail.

Putnam County

Algood	24	2045CST			0	0			Hail(1.00)
---------------	----	---------	--	--	---	---	--	--	-------------------

Spotter reported quarter size hail.

Putnam County

Cookeville	24	2050CST			0	0			Hail(1.75)
-------------------	----	---------	--	--	---	---	--	--	-------------------

EMA reported golf ball size hail at downtown Cookeville.

Putnam County

Cookeville	24	2050CST			0	0			Thunderstorm Wind (G60)
-------------------	----	---------	--	--	---	---	--	--	--------------------------------

A few sheds lost their roof. TDOT reported 16-20 trees were blown down around the county had had to be cleared off county roads.

Jackson County

Gainesboro	24	2100CST			0	0			Thunderstorm Wind (G55)
-------------------	----	---------	--	--	---	---	--	--	--------------------------------

Ambulance service reported a tin roof off a barn.

Cumberland County

Mayland	24	2110CST			0	0			Hail(1.75)
----------------	----	---------	--	--	---	---	--	--	-------------------

EMA reported golf ball size hail.

Cumberland County

Mayland	24	2110CST			0	0			Thunderstorm Wind (G55)
----------------	----	---------	--	--	---	---	--	--	--------------------------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TENNESSEE, Central</u>									
EMA reported trees and power lines were down.									
Cumberland County									
Pleasant Hill	24	2113CST			0	0			Hail(1.00)
									EMA reported quarter size hail.
Perry County									
Linden	24	2120CST			0	0			Thunderstorm Wind (G50)
									TDOT reported tree limbs down.
Macon County									
7 E Lafayette	24	2135CST			0	0			Thunderstorm Wind (G62)
									Spotter estimated 70 mph wind gust.
Macon County									
6 NE Lafayette	24	2135CST			0	0			Thunderstorm Wind (G60)
									Sheriff reported a roof blown off a house on Highland Road and Owens Rd.
Jackson County									
Gainesboro	24	2145CST			0	0			Hail(0.75)
									Dime size hail reported.
Jackson County									
Gainesboro	24	2145CST			0	0			Thunderstorm Wind (G50)
									Sheriff's office reported lots of trees down south of Gainsboro on Hwy 56.
Jackson County									
1 E Gainesboro	24	2145CST			0	0			Thunderstorm Wind (G52)
									Spotter estimated 60 mph wind gust.
Lawrence County									
Southwest Portion	24	2215CST			0	0			Thunderstorm Wind (G60)
									Some businesses and homes had roof damage near Loretto. Also, some utility poles down in St. Joseph on Bluff Rd.
Putnam County									
2 E Baxter	24	2220CST			0	0			Hail(1.00)
									Spotter reported hail the size of quarters.
Putnam County									
5 W Monterey	24	2230CST			0	0			Hail(0.75)
									Spotter reported dime size hail.
Cumberland County									
Mayland	24	2253CST			0	0	10K		Thunderstorm Wind (G65)
									Law enforcement reported many trees and power lines down. A shed was destroyed. Nearby, the Dripping Springs Baptist Church lost a steeple. Also, the church building had a porch torn from the building. Eight trees fell on 8 homes around the county. A tree fell on a trailer on Mayland to Pleasant Hill Rd. Also, trees fell on homes on Sandy Creek Rd., Junior Camp Rd., Genesis Rd. which is in the Linger Lake area, on Hwy.127 S., Hickory Dr., Cow Pen Rd., and Linder Lp.
Houston County									
Erin	28	0310CST			0	0			Thunderstorm Wind (G50)
									Sheriff reported trees down.
Stewart County									
Carlisle	28	0330CST			0	0			Thunderstorm Wind (G55)
									Sheriff's office reported trees down.
Houston County									
4 E Erin	28	0335CST			0	0			Thunderstorm Wind (G50)
									Sheriff reported trees down on Highway 49.
Cheatham County									
3 W Ashland City	28	0400CST			0	0			Thunderstorm Wind (G50)
									Sheriff reported trees down on Highway 49.
Montgomery County									
10 WSW Clarksville	28	0400CST			0	0			Thunderstorm Wind (G55)
									Law enforcement reported trees down on Dailey Road-Woodlawn and Dotsonville.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TENNESSEE, Central</u>									
Davidson County									
Goodlettsville	28	0430CST			0	0			Hail(0.88) Spotter reported nickel size hail.
Davidson County									
Madison	28	0430CST			0	0			Thunderstorm Wind (G50) Spotter reported trees were blown down.
Robertson County									
Greenbrier	28	0430CST			0	0			Thunderstorm Wind (G60) Sheriff's office reported uprooted trees.
Sumner County									
Hendersonville	28	0440CST			0	0			Hail(0.88) Nickel size hail reported by SKYWARN Spotter.
Wilson County									
North Portion	28	0445CST			0	0			Thunderstorm Wind (G55) Sheriff's office reported trees blown down.
Sumner County									
Hendersonville	28	0510CST			0	0			Thunderstorm Wind (G55) Spotter reported trees down at intersection of Gallatin Road and Waltons Ferry Rd.
Smith County									
Carthage	28	0537CST			0	0			Hail(0.75) Dime size hail reported. Hail was covering the ground.
Putnam County									
Countywide	28	0600CST			0	0			Thunderstorm Wind (G50) TDOT reported trees down.
Rutherford County									
Murfreesboro	28	0615CST			0	0			Hail(1.00) Spotter reported quarter size hail.
Rutherford County									
8 S Murfreesboro	28	0635CST			0	0			Thunderstorm Wind (G55) Spotter reported damage on U.S Hwy 231 just south of Murfreesboro.
Warren County									
Mc Minnville	28	0735CST			0	0			Thunderstorm Wind (G60) Law enforcement reported roof damage to an apartment building, and also 2 or 3 trees were blown down.
Davidson County									
Nashville	28	1300CST			0	0			Hail(1.75) Spotter reported golf ball size hail.
Davidson County									
Nashville	28	1300CST			0	0			Thunderstorm Wind (G60) Spotter reported numerous trees were down, and some fell on cars.
Davidson County									
Nashville	28	1328CST			0	0			Hail(1.75) Spotter reported golf ball size hail.
Davidson County									
8 SE Nashville	28	1335CST			0	0			Hail(1.75) Spotter reported hail from the size of peas to golf balls in the Antioch area.
Rutherford County									
La Vergne to Smyrna	28	1335CST			0	0			Hail(1.75) Trained spotter reported hail from the size of peas to golf balls from Lavergne to Smyrna
Wilson County									
Cainsville	28	1340CST			0	0			Hail(0.75) Spotter reported penny size hail.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TENNESSEE, Central</u>									
Putnam County									
Algood	28	1403CST			0	0			Hail(0.75) Spotter reported dime size hail.
Marshall County									
Lewisburg	28	1430CST			0	0			Hail(1.75) Spotter reported hail the size of golf balls. At one point, hail about the size of golf balls, covered parts of I-65 in Marshall and Maury counties to a depth of 2 inches.
Maury County									
Columbia	28	1430CST 1433CST			0	0			Hail(1.00) Spotter reported quarter size hail.
Maury County									
Sawdust	28	1430CST 1433CST			0	0			Hail(0.88) Spotter reported nickel size hail.
Maury County									
3.8 W Columbia	28	1438CST			0	0			Hail(3.00) Spotter reported hail the size of a tea cup at the intersection of U.S. Highway 43 and U.S. Highway 412.
Maury County									
6 S Columbia	28	1445CST			0	0	5K		Thunderstorm Wind (G60) News article account of strong thunderstorm winds that ripped vinyl siding from the eaves of an attic from a home located in the Wishire Subdivision. The strong winds smashed a childrens' swingset, and blew down a large tree in the front yard of this home.
Warren County									
Mc Minnville	28	1446CST			0	0			Hail(0.75) Spotter reported dime size hail.
Moore County									
South Portion	28	1539CST			0	0			Hail(0.75) Dime size hail reported.
Lawrence County									
8 SW Lawrenceburg	28	1545CST			0	0			Hail(1.75) Golf ball size hail reported by spotter.
Van Buren County									
Spencer	28	1545CST			0	0			Thunderstorm Wind (G50) Trees were down.
Van Buren County									
Spencer	28	1600CST			0	0			Thunderstorm Wind (G50) Several trees were blown down.
Franklin County									
Northwest Portion	28	1605CST			0	0			Hail(1.00) Quarter size hail reported at Tims Ford Dam.
Warren County									
Mc Minnville	28	1612CST			0	0			Hail(1.75) Golf ball size hail reported by EMA.
Lawrence County									
5 N Ethridge	28	1614CST			0	0			Hail(0.88) Nickel size hail reported.
Lawrence County									
Summertown	28	1616CST			0	0			Hail(1.50)
Van Buren County									
Spencer	28	1700CST			0	0			Thunderstorm Wind (G50) Several trees were blown down.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TENNESSEE, Central</u>									
Giles County									
Pulaski	28	1735CST			0	0			Thunderstorm Wind (G55)
Trees and power lines down in Pulaski and Minor Hill.									
Rutherford County									
7.2 SSE Murfreesboro to 8.5 SE Murfreesboro	28	0634CST 0740CST	3.2	350	0	31	2.3M		Tornado (F3)
31 people were injured. Most of them were treated and released from the hospital. 6 people had to be hospitalized, and one person was seriously injured and had to be Life-Flighted to Vanderbilt hospital. 7 mobile homes were destroyed, and one mobile home had major damage and another mobile home had minor damage. 5 residences were destroyed, 10 residences had major damage and 36 residences had minor damage. 2 horse barns were destroyed, and 6 horses/and or cattle were killed. The tornado touched down on W. Gum Road, just west of I-24. Interstate 24 was littered with tree limbs and debris at one point. The tornado lifted up around Mankin-McKnight Rd. This storm complex moved into Cannon county and produced another tornado near Bradyville.									
Damage assessment in Rutherford county by the Emergency Management Agency was placed at 2.3 million dollars.									
Cannon County									
.9 SSW Bradyville to 1.1 SE Bradyville	28	0645CST 0647CST	0.9	30	0	0			Tornado (F2)
One residence was destroyed along with 3 mobile homes. 6 other mobile homes had minor damage.									
Maury County									
Mt Pleasant	28	1442CST	0.1	10	0	0			Tornado (F0)
A ham radio operator, who is also a trained spotter, saw a tornado drop down on 1st Ave. and U.S. Highway 43, and then lift back up.									
Wayne County									
6 E Waynesboro	30	2045CST			0	0			Thunderstorm Wind (G60)
Law enforcement reported trees and power lines down and a home damaged south of U.S Highway 64, east of Waynesboro at Natchez Trace.									
Lawrence County									
Lawrenceburg	30	2112CST			0	0			Hail(1.75)
Spotter reported golf ball size hail at West Point Road and U.S Highway 64.									
Lawrence County									
Lawrenceburg	30	2118CST			0	0			Hail(1.75)
Spotter reported golf ball size hail on U.S. Highway 43.									
Lawrence County									
Lawrenceburg	30	2135CST			0	0			Hail(1.00)
Public report of quarter size hail.									
Lawrence County									
6 SE Lawrenceburg	30	2136CST			0	0			Hail(2.00)
Spotter reported hail about the size of a hen egg.									
Giles County									
1 NE Minor Hill	30	2145CST			0	0			Hail(2.00)
Hail the size of a hen egg was reported.									
Benton County									
Big Sandy	30	2210CST			0	0			Thunderstorm Wind (G65)
One house and one business had roof damage. 5 mobile homes damaged. A large tree fell on a mobile home and cut it in half.									
Houston County									
Countywide	30	2215CST			0	0			Thunderstorm Wind (G55)
10-12 trees were blown down around the county.									
Humphreys County									
7 N Waverly	30	2224CST			0	0			Hail(0.75)
Dime size hail reported.									
Humphreys County									
1 NE Mc Ewen	30	2230CST			0	0			Thunderstorm Wind (G60)
Spotter reported 2 large trees were blown down.									

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TENNESSEE, Central</u>									
Dickson County Central Portion	30	2240CST			0	0			Thunderstorm Wind (G50) A few trees were blown down.
Hickman County 1 NE Centerville	30	2248CST			0	0			Hail(0.75) Dime size hail reported.
Williamson County Fairview	30	2259CST			0	0			Thunderstorm Wind (G50) A few trees were blown down.
Hickman County 10 W Centerville	30	2300CST			0	0			Hail(1.75) Golf ball size hail reported by spotter.
Davidson County Countywide	30	2315CST			0	0			Thunderstorm Wind (G55) EMA reported 4 trees down and 5 power lines down around the county.
Rutherford County Murfreesboro	30	2336CST			0	0			Hail(1.75) Law enforcement reported golf ball size hail near Compton Rd.
Humphreys County .2 WNW Mc Ewen	30	2226CST	0.1	6	0	0			Tornado (F0) Tornado blew down a few trees. Tornado spotted by fire chief at Fire Hall #2 located at 68 Wilkie St. No. in McEwen.
<u>TENNESSEE, East</u>									
Bledsoe County West Portion	17	1530CST 1630CST			0	0	5K		Flash Flood Water and rock debris were reported across the roads around Fall Creek Falls State Park.
Bledsoe County 5 NW Pikeville	28	0840CST			0	0	5K		Thunderstorm Wind Trees reported down along Highway 30 in western part of county.
Rhea County 5 S Spring City	28	0945EST			0	0	10K		Thunderstorm Wind Metal buildings and trees blown down with a mobile home blown off its blocks. Metal siding was also blown off buildings.
Scott County Oneida	28	1255EST			0	0	5K		Hail(1.75) Golfball sized hail broke many windshields and caused much damage to vehicles.
Knox County West Knoxville	28	1345EST			0	0	5K		Hail(1.00) Quarter sized hail reported across west Knoxville.
Roane County Countywide	28	1345EST			0	0	5K		Thunderstorm Wind Trees reported down across the entire county.
Anderson County Countywide	28	1350EST			0	0	5K		Thunderstorm Wind A few trees were reported down in the far northern and far southern sections of the county.
Knox County West Knoxville	28	1355EST			0	0	5K		Hail(1.25) Half dollar sized hail reported across west Knoxville.
Scott County Oneida	28	1400EST			0	0	5K		Hail(1.75) Golfball sized hail reported near Oneida.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TENNESSEE, East</u>									
Blount County									
Rockford	28	1420EST			0	0	5K		Thunderstorm Wind
									Trees and power lines reported down.
Sevier County									
Sevierville	28	1425EST			0	0	5K		Hail(1.00)
									Quarter sized hail reported on the west side of Sevierville.
Hamblen County									
Morristown	28	1426EST			0	0	5K		Hail(1.00)
									Quarter sized hail reported across the eastern part of the county near Fall Creek.
Grainger County									
5 W Bean Station	28	1430EST			0	0	5K		Hail(0.75)
									Dime sized hail reported.
Claiborne County									
Harrogate	28	1430EST			0	0	5K		Thunderstorm Wind
									Few trees down in the Harrogate vicinity.
Hawkins County									
10 NE Rogersville	28	1440EST			0	0	5K		Hail(0.75)
									Dime size hail reported along Stanley Valley road.
Sevier County									
Gatlinburg	28	1445EST			0	0	5K		Hail(1.75)
									Golfball size hail reported by spotter.
Greene County									
Mosheim	28	1455EST			0	0	5K		Hail(1.00)
									Quarter size hail reported in Mosheim.
Bledsoe County									
6 N Pikeville	28	1500CST			0	0	5K		Thunderstorm Wind
									Trees reported down.
Grainger County									
Tate Spgs	28	1510EST			0	0	10K		Hail(2.75)
									Baseball size hail reported near German Creek.
Sullivan County									
Bristol	28	1515EST			0	0	5K		Hail(0.75)
									Dime size hail reported near the Bristol Speedway.
Jefferson County									
5 E Dandridge	28	1515EST			0	0	5K		Thunderstorm Wind
									Four trees reported down in the eastern part of the county.
Hamblen County									
5 NE Morristown	28	1515EST			0	0	5K		Hail(1.75)
									Golfball size hail reported near Cherokee Park.
Greene County									
Mosheim	28	1520EST			0	0	5K		Hail(0.75)
									Dime size hail reported in Mosheim.
Johnson County									
Mountain City	28	1545EST			0	0	5K		Hail(0.88)
									Nickle size hail reported on Highway 421.
Claiborne County									
Harrogate	28	1555EST			0	0	5K		Hail(0.88)
									Nickle size hail reported in Harrogate and 5 miles northeast of Tazewell.
Unicoi County									
10 S Erwin	28	1600EST			0	0	5K		Hail(1.00)
									Quarter size hail reported along Spivey Mountain Road.

Storm Data and Unusual Weather Phenomena

April 2002

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, East</u>									
Bledsoe County									
5 NW Pikeville	28	1610CST			0	0	5K		Hail(1.75)
			Golfball size hail reported.						
Bledsoe County									
5 NW Pikeville	28	1610CST			0	0	5K		Thunderstorm Wind
			Trees reported down with damage to a roof and carport.						
Rhea County									
Dayton	28	1630EST			0	0	5K		Thunderstorm Wind
			Trees and power lines reported down near Dayton.						
Greene County									
Baileyton	28	1700EST			0	0	5K		Thunderstorm Wind
			Large limbs reported blown off of trees near Baileyton.						
Washington County									
5 S Johnson City	28	1715EST			0	0	5K		Thunderstorm Wind
			Trees reported down along Highway 107 in the southeastern part of the county.						
Carter County									
10 S Elizabethton	28	1725EST			0	0	5K		Hail(1.00)
			Quarter size hail reported along Simerly Creek Road.						
Unicoi County									
Marbleton	28	1725EST			0	0	5K		Hail(1.75)
			Golfball size hail reported in the northern part of the county.						
Rhea County									
Evensville	28	1730EST			0	0	5K		Thunderstorm Wind
			Trees reported down in Evensville.						
Rhea County									
Evensville	28	1730EST			0	0	5K		Hail(0.75)
			Dime size hail reported in Evensville.						
Meigs County									
3 S Decatur	28	1739EST			0	0	5K		Hail(1.75)
			Golfball size hail reported.						
Mcminn County									
Athens	28	1750EST			0	0	5K		Hail(1.75)
			Golfball size hail reported in Athens.						
Monroe County									
Coker Creek	28	1815EST			0	0	5K		Hail(0.88)
			Nickle size hail covered the roads and knocked leaves off of trees.						
Grainger County									
Bean Station	28	1950EST			0	0	5K		Hail(0.75)
			Dime size hail reported in Bean Station.						
<u>TENNESSEE, West</u>									
Gibson County									
Trenton	03	1800CST 1805CST			0	0	2K		Lightning
			A tree was damaged by a lightning strike. Fragments of the tree tore through the screen of a patio door.						
Obion County									
Troy	24	1835CST 1840CST			0	0	0.01K		Hail(0.75)
Carroll County									
Countywide	24	1910CST 1925CST			0	0	10K		Thunderstorm Wind
			Several trees were knocked down across the county.						

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Weakley County									
Greenfield	24	1912CST 1920CST			0	0	0.05K		Hail(0.88)
Carroll County									
Mc Kenzie	24	1915CST 1930CST			0	0	0.01K		Hail(0.75)
Dyer County									
Millsfield	24	1934CST 1940CST			0	0	5K		Thunderstorm Wind
									A few trees were blown down.
Gibson County									
Milan	24	1950CST 1955CST			0	0	0.01K		Hail(0.75)
Crockett County									
Alamo	24	2000CST 2005CST			0	0	15K		Thunderstorm Wind
									A building and some trees were blown down.
Madison County									
Fairview	24	2003CST 2010CST			0	0	0.01K		Hail(0.75)
Shelby County									
Memphis	24	2025CST 2030CST			0	0	0.01K		Hail(0.75)
Madison County									
Beech Bluff	24	2030CST 2035CST			0	0	0.10K		Hail(1.00)
Henderson County									
Lexington	24	2040CST 2045CST			0	0	5K		Thunderstorm Wind
									Several trees were knocked down.
Decatur County									
Bath Spgs	24	2100CST 2105CST			0	0	0.01K		Hail(0.75)
Decatur County									
Bath Spgs	24	2100CST 2105CST			0	0	10K		Thunderstorm Wind
									Some trees and power lines were blown down.
Weakley County									
Martin	27	1815CST 1820CST			0	0	2K		Lightning
									A tree was damaged by a lightning strike. Some of the debris from the struck and damaged a car tail light.
Lake County									
.5 W Tiptonville to 2 NE Tiptonville	28	0140CST 0147CST	3.5	75	0	0	750K		Tornado (F1)
									The tornado touched down just west of Tiptonville and tracked northeast just north of Tiptonville. Eleven mobile homes were destroyed and another twelve were damaged. A shed was demolished. Five homes were also damaged. Numerous trees were blown down.
Obion County									
Union City	28	0214CST 0220CST			0	0	0.01K		Hail(0.75)
Dyer County									
Bradleytown	28	0245CST 0250CST			0	0	5K		Thunderstorm Wind
									A shed was blown away. Some trees were knocked down.
Weakley County									
Gleason	28	0245CST 0250CST			0	0	10K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

April 2002

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

TENNESSEE, West

Some trees and power lines were knocked down.

Henry County

Whitlock to 1 N Paris	28	0300CST 0310CST	5	50	0	0	50K		Tornado (F0)
--------------------------	----	--------------------	---	----	---	---	-----	--	--------------

The tornado touched down near the town of Whitlock and move southeast. Three tall transmission towers were destroyed. Twenty homes were damaged. Several trees and power lines were blown down.

Gibson County

3 W Trenton to Trenton	28	0315CST 0325CST			0	0	10K		Thunderstorm Wind
---------------------------	----	--------------------	--	--	---	---	-----	--	-------------------

One home was damaged. Several trees were blown down.

Carroll County

Huntingdon	28	0330CST 0335CST			0	0	5K		Thunderstorm Wind
------------	----	--------------------	--	--	---	---	----	--	-------------------

Several trees were blown down.

Decatur County

Decaturville	28	1445CST 1450CST			0	0	0.10K		Hail(1.00)
--------------	----	--------------------	--	--	---	---	-------	--	------------

Mcnairy County

Ramer	28	1815CST 1820CST			0	0	0.01K		Hail(0.75)
-------	----	--------------------	--	--	---	---	-------	--	------------

Shelby County

1 W Millington	30	1235CST 1240CST			0	0	0.01K		Hail(0.75)
----------------	----	--------------------	--	--	---	---	-------	--	------------

Shelby County

Memphis to Germantown	30	1300CST 1325CST			0	0	0.10K		Hail(0.88)
--------------------------	----	--------------------	--	--	---	---	-------	--	------------

Shelby County

Memphis	30	1340CST 1500CST			0	0	0.50K		Flash Flood
---------	----	--------------------	--	--	---	---	-------	--	-------------

Several cars were stalled in water that got up to 2 feet in depth in one section of East Memphis.

Henry County

Puryear	30	2150CST 2155CST			0	0	0.01K		Hail(0.75)
---------	----	--------------------	--	--	---	---	-------	--	------------

Henry County

Puryear to Springville	30	2150CST 2210CST			0	0	10K		Thunderstorm Wind
---------------------------	----	--------------------	--	--	---	---	-----	--	-------------------

A few structures were damaged. Several trees were knocked down.

TEXAS, Central

Taylor County

Tuscola	06	1936CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Crockett County

8 SW Ozona	07	1346CST	0.5	50	0	0			Tornado (F0)
------------	----	---------	-----	----	---	---	--	--	--------------

Law enforcement reported a brief tornado touch down 8 miles southwest of Ozona. No injuries or damage was reported.

Haskell County

Rochester	07	1353CST			0	0			Hail(1.00)
-----------	----	---------	--	--	---	---	--	--	------------

Crockett County

Ozona	07	1400CST			0	0			Hail(1.00)
-------	----	---------	--	--	---	---	--	--	------------

Crockett County

8 S Ozona	07	1403CST	0.5	50	0	0			Tornado (F0)
-----------	----	---------	-----	----	---	---	--	--	--------------

A storm chaser spotted a second tornado from the main storm, passing south of Ozona in central Crockett County. Again, no injuries or damage was reported.

Storm Data and Unusual Weather Phenomena

April 2002

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									
Haskell County									
9 E Haskell	07	1404CST			0	0			Hail(0.88)
Haskell County									
9 E Haskell	07	1410CST			0	0			Hail(1.00)
Coke County									
5 W Robert Lee	07	1415CST			0	0			Hail(1.00)
Crockett County									
14 E Ozona	07	1421CST			0	0	25K		Hail(2.50)
Hail up to the size of baseballs battered eastern Crockett County. At least one house suffered extensive damage, with many windows broken out and the roof destroyed. Several automobiles were also hard hit, losing their windshields and having extensive dent damage.									
Coke County									
5 W Robert Lee	07	1422CST			0	0			Hail(1.75)
Taylor County									
View	07	1428CST			0	0			Hail(1.75)
Tom Green County									
San Angelo	07	1428CST			0	0			Hail(1.00)
Runnels County									
Ballinger	07	1430CST			0	0			Hail(1.75)
Tom Green County									
4 N San Angelo	07	1430CST			0	0			Hail(0.75)
Throckmorton County									
10 W Throckmorton	07	1433CST	0.2	20	0	0			Tornado (F0)
A supercell thunderstorm dropped the first of its 3 tornadoes across Throckmorton County. This initial tornado was short lived and weak, producing no injuries and no damage.									
Throckmorton County									
9 W Throckmorton to 5 NW Throckmorton	07	1434CST 1450CST	7	1500	0	0	10K		Tornado (F2)
Immediately after the first tornado dissipated, a second larger, more stable multiple vortex tornado developed. Tracking along a 7 mile long path across western Throckmorton County, this tornado would reach over three quarters of a mile wide. Fortunately, the tornado tracked largely over open county and damage was minimal for a tornado of this size. Partially buried fence posts were torn out of the ground and disappeared, while a 300 yard path was swept clean and a large mesquite tree was ripped out of the ground.									
Runnels County									
Winters	07	1435CST			0	0			Hail(1.75)
Taylor County									
(Dys)Dyess Afb Abile	07	1435CST			0	0			Hail(0.75)
Runnels County									
Ballinger	07	1450CST			0	0			Hail(1.75)
Throckmorton County									
5 NW Throckmorton	07	1450CST	0.2	20	0	0			Tornado (F0)
The third and final tornado across Throckmorton County was similar to the first, a brief tornado touchdown in open country that produced no damage.									
Callahan County									
1 W Clyde	07	1500CST			0	0			Hail(0.75)
Runnels County									
Winters	07	1508CST			0	0	5K		Thunderstorm Wind
A severe thunderstorm produced high winds across Winters in northern Runnels County, downing a handful of large trees.									
Crockett County									
25 SE Ozona	07	1510CST			0	0			Hail(0.88)
Nickel size hail covering the ground was reported.									

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
TEXAS, Central									
Runnels County									
Winters	07	1515CST			0	0			Hail(0.75)
Throckmorton County									
10 N Throckmorton	07	1515CST 1615CST			0	0			Flash Flood
Heavy rainfall of 2 to 4 inches across northern Throckmorton County forced the closure of at least 1 road 10 miles north of Throckmorton.									
Fisher County									
6 S Roby	07	1530CST			0	0			Hail(0.75)
Schleicher County									
20 E Eldorado	07	1535CST			0	0			Hail(0.88)
Coleman County									
Coleman	07	1538CST			0	0			Hail(1.00)
Coleman County									
Coleman	07	1540CST			0	0			Hail(0.88)
Menard County									
4 N Ft Mckavett	07	1545CST			0	0			Hail(1.00)
Menard County									
10 W Menard	07	1559CST			0	0			Hail(0.75)
Menard County									
2 W Menard	07	1610CST			0	0			Hail(0.75)
Mason County									
2 W Mason	07	1710CST			0	0			Hail(0.75)
Severe thunderstorms rolled across much of West Central Texas during the afternoon and evening hours of the 7th. Two supercells produced a total of 5 tornadoes, 3 across the northern Big Country in Throckmorton County and 2 more across the Northern Edwards Plateau in Crockett County. Although one of the tornadoes in Throckmorton was about three quarters of a mile wide and stayed on the ground for 16 minutes, it fortunately crossed open farmland, striking no homes were causing no injuries. Damage was more extensive with the southern supercell, with tennis ball size hail causing tens of thousands of dollars of damage to several ranch houses in eastern Crockett County. Other storms produced hail up to golf ball size across parts of the Concho Valley and Heartland.									
Tom Green County									
San Angelo	12	1814CST			0	0			Hail(0.88)
Tom Green County									
San Angelo	12	1830CST			0	0			Hail(0.75)
Tom Green County									
San Angelo	12	1912CST			0	0			Hail(1.00)
Tom Green County									
Wall	12	1955CST			0	0			Hail(0.75)
Tom Green County									
5 NE Vancourt to 3 W Vancourt	12	2012CST			0	0			Hail(1.00)
Scattered severe thunderstorms across the Concho Valley produced hail up to one inch in diameter.									
Mason County									
4 E Katemcy to 4.5 E Katemcy	13	1806CST 1808CST	0.5	50	0	0	8K		Tornado (F0)
Brief tornado touchdown in eastern Mason county and demolished a travel trailer.									
Mason County									
Loyal Vly	13	1918CST			0	0			Hail(1.75)
Irion County									
2 W Barnhart	13	2009CST			0	0			Hail(0.88)
Scattered thunderstorms across the Concho Valley produced an isolated tornado in Mason county that demolished a travel trailer.									

Storm Data and Unusual Weather Phenomena

April 2002

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									
Shackelford County									
9 W Albany	25	1148CST 1203CST			0	0			Hail(1.00)
			Dime to quarter size hail fell for 15 minutes.						
Shackelford County									
Albany	25	1341CST			0	0			Hail(0.75)
Shackelford County									
Albany	25	1405CST 1700CST			1	0	3M		Flash Flood
			Storms remained nearly stationary producing 8 to 12 inches of rain in and around the Albany area. The deluge produced significant flooding in Albany. The hardest hit areas were on the north and west parts of town. The North Hubbard Creek and Gourd Creek came out of their banks. More than 100 homes were damaged or destroyed due to the flood. F19MH						
			Slow moving thunderstorms across the Big Country produced very heavy rains of up to 12 inches and isolated hail reports of one inch. Albany was hit especially hard as a flash flood swept through the town.						
Taylor County									
3 E Tuscola	29	1650CST			0	0	2K		Thunderstorm Wind
Callahan County									
10 SW Clyde	29	1655CST			0	0			Hail(1.75)
			Golf ball size hail fell on the Taylor Callahan county line near Dudley.						
Taylor County									
6 SE Potosi	29	1655CST			0	0			Hail(1.75)
			Golf ball size hail fell on the Taylor Callahan County line near Dudley						
Callahan County									
12 SW Clyde	29	1705CST			0	0			Thunderstorm Wind (G61)
Shackelford County									
1 N Moran	29	1740CST			0	0			Hail(1.75)
Callahan County									
9 N Baird	29	1741CST			0	0			Hail(1.75)
Callahan County									
9 N Baird	29	1741CST			0	0			Thunderstorm Wind (G53) ^M
Callahan County									
7 SW Clyde	29	1745CST			0	0	2K		Thunderstorm Wind
Callahan County									
Eula	29	1750CST			0	0	30K		Thunderstorm Wind (G78)
			Numerous trees were snapped and several homes received roof damage due to strong thunderstorm winds estimated at 80 to 100 mph.						
Shackelford County									
Moran	29	1910CST			0	0			Hail(1.00)
Shackelford County									
1 N Moran	29	1910CST			0	0			Hail(1.50)
Shackelford County									
11 E Albany	29	1929CST			0	0	1K		Hail(2.00)
			Windows broken out of home from the hail.						
Nolan County									
10 W Blackwell	29	2015CST			0	0			Hail(0.75)
Taylor County									
5 N View	29	2050CST			0	0			Hail(0.88)
Taylor County									
5 SW Abilene	29	2055CST			0	0			Hail(1.75)
Taylor County									
Abilene	29	2105CST			0	0	4K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

April 2002

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

TEXAS, Central

An 18 wheeler was overturned and a house received damage due to strong thunderstorm winds.

Shackelford County
Albany

29 2140CST **0** **0** **Hail(1.75)**

Shackelford County
2 N Albany

29 2145CST **0** **0** **Hail(0.88)**

Throckmorton County
4 NW Elbert

29 2210CST **0** **0** **Hail(0.75)**

Several severe thunderstorms moved across the Big Country and the northern Concho Valley producing hail up to two inches in diameter and winds to 70 mph. Several structures received damage as a result of the storms.

TEXAS, Central Southeast

Colorado County
Weimar

07 2145CST **0** **0** **30K** **Thunderstorm Wind**

Sheriff reported roof damage to a barn and homes just west of Weimar, and numerous power poles down in Weimar, and other parts of the county with electricity out.

Colorado County
Columbus

07 2205CST **0** **0** **75K** **Hail(2.75)**

Washington County
Brenham

07 2245CST **0** **0** **5K** **Thunderstorm Wind**

Sheriff reported trees down in Brenham.

Montgomery County
Conroe

07 2310CST
2330CST **0** **0** **30K** **Thunderstorm Wind**

Sheriff reported trees and power lines down all around Conroe and from the eastern shore of Lake Conroe through Panorama Village to Sunset Ridge 5 miles north of Conroe.

Houston County
5 NNE Crockett

07 2330CST **0** **0** **40K** **Thunderstorm Wind**

Sheriff reported trees down, a barn roof blown off, and a trailer roof blown off.

Galveston County
Friendswood

08 0115CST **0** **0** **25K** **Thunderstorm Wind**

On FM 518 in Friendswood, wind damage occurred to an auto repair shop, with loss of the sheet metal awning, and power lines were down.

Matagorda County
Bay City

08 0600CST **0** **0** **5K** **Hail(0.75)**

Sheriff reported 3/4 inch Hail on State Highway 60 North, to the north of Bay City.

Matagorda County
Bay City

08 0600CST
0620CST **0** **0** **50K** **Thunderstorm Wind**

Power poles were knocked down in Bay City with thousands of homes losing electricity, numerous trees were down around the county, and a Chemical plant south of Bay City received minor siding damage.

Brazoria County
Brazoria

08 0620CST **0** **0** **10K** **Thunderstorm Wind**

Sheriff reported large trees knocked down in Brazoria and Sweeney.

Brazoria County
Lake Jackson

08 0640CST **0** **0** **5K** **Hail(0.75)**

Lake Jackson and Richwood Village received 3/4 inch Hail

Brazoria County
Brazoria

08 0650CST **0** **0** **10K** **Hail(1.00)**

Sheriff reported quarter sized Hail at CR 521 in Brazoria.

Storm Data and Unusual Weather Phenomena

April 2002

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

TEXAS, Central Southeast

Harris County

Pasadena	08	0700CST 0900CST			0	0	20K		Flash Flood
----------	----	--------------------	--	--	---	---	-----	--	-------------

There was extensive street flooding and road closures in Pasadena, along Red Bluff, along State Highway 225, and at Spencer Highway.

Brazoria County

20 NE Freeport	08	0705CST			0	1	60K		Thunderstorm Wind
----------------	----	---------	--	--	---	---	-----	--	-------------------

In extreme southeast Brazoria county, on the eastern end of Follets Island just before San Luis Pass, several homes received roof damage, two mobile homes were overturned, and there was one serious injury. Reported by Emergency Management.

Galveston County

San Luis Pass	08	0710CST			0	0	10K		Hail(1.75)
---------------	----	---------	--	--	---	---	-----	--	------------

Galveston County

Galveston	08	0720CST			0	0	20K		Thunderstorm Wind
-----------	----	---------	--	--	---	---	-----	--	-------------------

There was an extensive number of power lines down along FM 3005 on Galveston Island.

Galveston County

Jamaica Beach	08	0722CST 0739CST			0	0	5K		Hail(0.75)
---------------	----	--------------------	--	--	---	---	----	--	------------

Galveston County

League City	08	0725CST 0830CST			0	0	5K		Flash Flood
-------------	----	--------------------	--	--	---	---	----	--	-------------

Street flooding was reported in League City and Friendswood.

Brazoria County

Pearland	08	0730CST 0930CST			0	0	5K		Flash Flood
----------	----	--------------------	--	--	---	---	----	--	-------------

South Corrigan subdivision in Pearland had impassable roads.

Galveston County

4 NE San Luis Pass to 10 NE San Luis Pass	08	0730CST			0	0	300K		Hail(1.00)
--	----	---------	--	--	---	---	------	--	------------

Police and Emergency Management reported that 200 to 300 homes had received hail damage on the west end of Galveston Island.

Galveston County

4 NE San Luis Pass	08	0730CST			0	0	50K		Thunderstorm Wind
--------------------	----	---------	--	--	---	---	-----	--	-------------------

Wind damage to homes on the west end of Galveston Island, most extensive at Terramar and Bay Harbor subdivisions, with 4 houses missing up to half their roofs, and a couple dozen homes with missing shingles and blown out windows.

Harris County

5 SE Houston Hobby Ar	08	0730CST 0930CST			0	0	10K		Flash Flood
-----------------------	----	--------------------	--	--	---	---	-----	--	-------------

Street flooding 2 to 3 feet deep was reported at Dixie Farm Road and Beamer, and around San Jacinto College South located on Beamer.

TEXAS, Extreme West

NONE REPORTED.

TEXAS, Mid - South

Goliad County

Goliad	08	0320CST			0	0			Hail(0.75)
--------	----	---------	--	--	---	---	--	--	------------

Victoria County

12 NE Victoria	08	0435CST			0	0			Hail(0.75)
----------------	----	---------	--	--	---	---	--	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TEXAS, North</u>									
Tarrant County									
Ft Worth	07	1300CST 1500CST			0	0			Flash Flood
Derick road, Cobb Park, and Sycamore Park were flooded. There were also 25 high water rescues.									
Stephens County									
Breckenridge	07	1558CST			0	0			Hail(0.75)
Eastland County									
Cisco	07	1604CST			0	0			Hail(0.88)
Young County									
Olney	07	1605CST			0	0	40K		Thunderstorm Wind (G69)
Extensive roof, tree, and power line damage.									
Denton County									
Lewisville	07	1610CST 1710CST			0	0			Flash Flood
Trailer park in Lewisville being evacuated due to high water.									
Tarrant County									
Haltom City	07	1630CST 1730CST			0	0			Flash Flood
Two men were rescued from Fossil Creek, after their boat was flipped over by high water.									
Young County									
Bunger	07	1631CST			0	0			Hail(1.75)
Palo Pinto County									
Strawn	07	1650CST			0	0			Hail(0.75)
Jack County									
Vineyard	07	1725CST			0	0			Thunderstorm Wind (G52)
Roof damage to a house and a satellite dish was destroyed between Vineyard and Joplin.									
Wise County									
Balsora	07	1730CST			0	0			Thunderstorm Wind (G52)
Cars were blown off the road near Balsora.									
Jack County									
Vineyard	07	1735CST			0	0	5K		Thunderstorm Wind (G52)
Trees were blown down near vineyard.									
Parker County									
Springtown	07	1745CST			0	0	4K		Thunderstorm Wind (G52)
Power lines were blown down by high winds.									
Wise County									
8 W Decatur	07	1745CST			0	0	2K		Thunderstorm Wind (G52)
Outbuildings were destroyed by high winds.									
Wise County									
1 N Decatur	07	1810CST			0	0	7K		Thunderstorm Wind (G52)
Mobile homes were damaged by high winds.									
Wise County									
Decatur	07	1815CST			0	0	5K		Thunderstorm Wind (G52)
Street signs were blown down, four power poles blown down, a barn was damaged, and a large window was blown out.									
Coryell County									
Purmela	07	1830CST			0	0			Hail(1.00)
Denton County									
1 N Sanger	07	1830CST			0	0	4K		Thunderstorm Wind (G52)
Power lines were blown down by high winds.									
Somervell County									
Glen Rose	07	1830CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TEXAS, North</u>									
Wise County									
1 S Decatur	07	1830CST			0	0	10K		Lightning
A tank battery fire was started by a lightning strike.									
Denton County									
5 ENE Pilot Pt	07	1840CST			0	0	3K		Thunderstorm Wind (G52)
The roof of a barn was damaged by high winds.									
Grayson County									
Collinsville	07	1840CST 1940CST			0	0			Flash Flood
County roads 150, 144, 100, 101, 232 and farm to market road 902 were closed due to high water.									
Grayson County									
Gunter	07	1840CST			0	0	75K		Thunderstorm Wind (G78)
The damage path extended from the county line 5 miles ENE Pilot Point to near Gunter. The straight line winds reached peak intensity on Martin Road where some farms were damaged. Outbuildings were destroyed, there was also minor damage to mobile homes. Several barns were heavily damaged, with some damage to fences and chimneys.									
Bosque County									
Meridian	07	1845CST			0	0	2K		Thunderstorm Wind (G52)
Trees were blown down and a shed was blown over.									
Hill County									
5 NW Whitney	07	1855CST 1915CST			0	0	4K		Thunderstorm Wind (G52)
Power lines were blown down by high winds on FM 1713.									
Hill County									
Whitney	07	1855CST			0	0	5K		Thunderstorm Wind (G52)
A porch was destroyed by high winds.									
Johnson County									
Cleburne	07	1855CST 1955CST			0	0			Flash Flood
All low water crossings closed, one high water rescue took place									
Johnson County									
1 W Cleburne	07	1855CST			0	0			Hail(0.75)
Johnson County									
Rio Vista	07	1855CST			0	0			Thunderstorm Wind (G52)
Trees were blown down by high winds.-									
Johnson County									
Cleburne	07	1858CST			0	0			Hail(0.75)
Grayson County									
Whitewright	07	1900CST 2000CST			0	0			Flash Flood
Farm to market roads 273, 1396, and State Highway 11 just east of Whitewright flooded.									
Dallas County									
Garland	07	1915CST 1932CST			0	0			Thunderstorm Wind (G52)
Roof damage, tree damage, carport damage, 5 power poles blown down.									
Hill County									
Itasca	07	1915CST			0	0	4K		Thunderstorm Wind (G52)
Power lines were blown down by high winds.									
Bell County									
Nolanville	07	1930CST			0	0			Hail(0.75)
McLennan County									
Crawford	07	1930CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

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>								
Bell County								
Moffat	07	1935CST			0	0		Thunderstorm Wind (G52)
			Large trees were blown down by high winds.					
Ellis County								
12 SW Waxahachie	07	1945CST			0	0	3K	Thunderstorm Wind (G52)
			3 power poles were blown down by high winds.					
Denton County								
Little Elm	07	1955CST 2055CST			0	0		Flash Flood
			High water was reported.					
Ellis County								
Ennis	07	2015CST			0	0	10K	Thunderstorm Wind
			Two retirement homes were partially unroofed by high winds.					
Dallas County								
Garland	07	2030CST 2130CST			0	0		Flash Flood
			Widespread street flooding, some streets closed, barricades put up.					
Limestone County								
Mexia	07	2045CST			0	0		Hail(1.00)
Limestone County								
Beulah	08	1940CST			0	0		Hail(1.00)
Cooke County								
10 NW Gainesville	12	1210CST 1225CST			0	0		Hail(1.75)
			Occurred at Moss Lake.					
Cooke County								
3 W Callisburg	12	1245CST			0	0		Hail(1.75)
Cooke County								
Gainesville	12	1258CST			0	0		Hail(0.75)
			Occurred at the Precinct 1 barn.					
Montague County								
Nocona	13	0847CST			0	0		Hail(1.75)
Montague County								
Montague	13	0946CST			0	0		Thunderstorm Wind (G52)
			Trees were blown down by high winds.					
Cooke County								
Muenster	13	1005CST			0	0		Thunderstorm Wind (G52)
Wise County								
Decatur	13	1030CST			0	0		Thunderstorm Wind (G52)
Jack County								
Perrin	13	1045CST			0	0		Hail(1.75)
Bosque County								
Meridian	16	1530CST			0	0		Hail(1.00)
Bosque County								
Walnut Spgs	16	1600CST			0	0		Thunderstorm Wind (G52)
			Non-specific wind damage was reported by a radio station in Hillsboro.					
Johnson County								
Joshua	16	1600CST			0	0		Hail(0.88)
Tarrant County								
Ft Worth	16	1608CST			0	0		Hail(0.75)
			Occurred at Bryant Irvin Road and Highway 183.					

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TEXAS, North</u>									
Tarrant County									
Ft Worth	16	1610CST			0	0			Hail(0.75)
Occurred at Hulen Street and Interstate 20.									
Wise County									
Newark	16	1612CST			0	0			Hail(0.88)
Ellis County									
4 S Midlothian	16	1615CST			0	0			Thunderstorm Wind (G52)
A barn was unroofed and trees were blown down.									
Tarrant County									
Ft Worth	16	1620CST			0	0			Hail(0.88)
Occurred at Trail Lake and Granbury Road.									
Wise County									
Chico	16	1625CST			0	0			Hail(1.75)
Hill County									
Blum	16	1634CST			0	0			Hail(1.75)
Denton County									
Justin	16	1640CST			0	0			Hail(1.75)
Tarrant County									
Everman	16	1642CST 1645CST	1.6	100	0	0	15K		Tornado (F0)
The first tornado developed near the intersection of Noble Road and Hansbarger Road and moved northeast. Damage to fences carpools and trees occurred. The tornado moved northeast into the Bonaventure Mobile Home Park, partially unroofing one mobile home, with minor damage to others. The tornado dissipated along Lon Stephenson Road and east of Forest Hill Drive.									
Tarrant County									
Ft Worth	16	1649CST 1650CST	0.6	50	0	0	2K		Tornado (F0)
The second tornado developed in southeast Ft Worth near the intersection of Anglin Drive and southeast Loop 820, moved northeast and dissipated between Melinda Road and the old Mansfield Highway. Damage was confined to uprooted trees and minor roof damage.									
Tarrant County									
Ft Worth	16	1652CST 1654CST	0.8	70	0	0	5K		Tornado (F0)
The third tornado developed in southeast Fort Worth along Redwood Boulevard north of Collett Little Road, moved northeast across Loop 820 near Sun Valley Drive and dissipated north of Laster Road. Damage was confined to trees and mobile homes.									
Hill County									
Blum	16	1655CST			0	0			Hail(1.75)
Tarrant County									
Ft Worth	16	1659CST 1706CST	2.1	80	0	0	250K		Tornado (F3)
The fourth and most significant tornado of the day developed in east Fort Worth just south of Ramey Avenue east of Loop 820, moved north and dissipated between Forest and Haynie streets, south of Greenlee Street. Damage occurred to a strip mall, with heavy damage to a duplex. Several homes were partially unroofed, two businesses suffered heavy damage, and roof damage occurred to the sanctuary of a church.									
Tarrant County									
Ft Worth	16	1700CST			0	0			Hail(1.75)
Occurred near Interstate 30 in east Fort Worth.									
Johnson County									
1 SE Cleburne	16	1707CST			0	0			Hail(1.00)
Johnson County									
1 W Rio Vista	16	1710CST			0	0			Hail(1.00)
Johnson County									
Alvarado	16	1715CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TEXAS, North</u>									
Cooke County 3 NW Gainesville	16	1723CST			0	0			Hail(1.75)
Cooke County 1 NW Gainesville	16	1723CST			0	0			Hail(1.75)
Tarrant County Euless	16	1729CST			0	0			Hail(1.00)
Dallas County Dallas	16	1745CST			0	0			Hail(0.75)
Dallas County Dallas-Ft Worth Intl	16	1752CST			0	0			Hail(1.50)
Dallas County Dallas-Ft Worth Intl	16	1752CST			0	0			Thunderstorm Wind (G52) ^M
Tarrant County 3 SE Grapevine	16	1752CST			0	0			Hail(1.50)
			Occurred at DFW Airport observation site.						
Tarrant County 3 SE Grapevine	16	1752CST			0	0			Thunderstorm Wind (G52) ^M
			Occurred at DFW Airport obs site.						
Tarrant County Euless	16	1755CST			0	0			Hail(0.75)
			Occurred at the Center Weather Service Unit.						
Johnson County 2 NNE Grandview	16	1756CST 1759CST	1.1	70	0	0			Tornado (F0)
			The tornado touched down in open country with no known damage.						
Bosque County Walnut Spgs	16	1801CST			0	0			Hail(1.00)
Bosque County Walnut Spgs	16	1801CST			0	0			Hail(1.00)
Dallas County Dallas	16	1805CST			0	0			Hail(1.00)
			Occurred at the intersection of Interstate 35 and Highway 119.						
Dallas County 2 S Dallas Love Fld	16	1805CST			0	0			Hail(1.00)
Johnson County Alvarado	16	1807CST			0	0			Hail(0.75)
Johnson County 3.5 NE Grandview	16	1807CST 1808CST	0.5	40	0	0			Tornado (F0)
			The tornado touched down in open country with no known damage.						
Johnson County 4.5 ENE Grandview	16	1811CST 1814CST	1	100	0	0			Tornado (F0)
			The tornado touched down in open country with no known damage.						
Johnson County 1 NW Grandview	16	1814CST 1816CST	1	40	0	0			Tornado (F0)
			The tornado touched down in open country with no known damage.						
Hunt County Greenville	16	1817CST			0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

April 2002

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								
Ellis County								
Waxahachie	16	1822CST			0	0	1K	Thunderstorm Wind
								Roof damage from high winds.
Ellis County								
3.5 NW Maypearl to 1 N Maypearl	16	1831CST 1838CST	2.3	200	0	0	5K	Tornado (F1)
								The first Ellis county tornado touched down on Ozro Road, moved east and dissipated after crossing FM 157. Damage to trees, storage buildings, and roofs of homes.
Hunt County								
2 E Campbell	16	1831CST			0	0		Hail(2.50)
Ellis County								
4 S Midlothian	16	1839CST			0	0		Hail(1.50)
Ellis County								
6 NE Maypearl to 6.4 NE Maypearl	16	1850CST 1853CST	0.4	75	0	0	3K	Tornado (F0)
								The second Ellis county tornado touched down on Hoyt Road just north of Buena Vista Road. The tornado moved northeast causing fence and tree damage before dissipating.
Ellis County								
Waxahachie	16	1856CST			0	0		Hail(1.75)
Ellis County								
4.5 S Waxahachie to 4.5 SE Waxahachie	16	1901CST 1903CST	0.2	70	0	0	10K	Tornado (F0)
								This tornado touched down on Interstate 35 near mile marker 394 south of Waxahachie. Two tractor trailers were overturned.
Ellis County								
6 S Waxahachie	16	1911CST			0	0		Thunderstorm Wind (G52)
								Occurred on Interstate 35. Two 18 wheelers were blown over.
Ellis County								
2 ESE Maypearl to 2.5 ESE Maypearl	16	1925CST 1927CST	0.4	60	0	0		Tornado (F0)
								This tornado touched down in open country with no known damage.
Cooke County								
Gainesville	16	1941CST			0	0		Hail(1.00)
								Occurred on Route 922.
Ellis County								
6 SE Ferris	16	1958CST			0	0		Hail(0.88)
Ellis County								
Waxahachie	16	2000CST 2100CST			0	0		Flash Flood
								Several streets under water, and barricades were put up.
Ellis County								
Red Oak	16	2002CST			0	0	10K	Lightning
								A barn was destroyed by a lightning-started fire.
Ellis County								
5 NE Ennis	16	2006CST			0	0		Hail(1.75)
Kaufman County								
13 ENE Kaufman	16	2010CST			0	0	1K	Thunderstorm Wind (G52)
								Flagpole with flag was ripped out of the ground by high winds.
Bosque County								
Clifton	16	2016CST			0	0		Hail(1.00)
Grayson County								
Collinsville	16	2032CST			0	0		Hail(0.75)
Bosque County								
Walnut Spgs	16	2140CST			0	0		Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Collin County									
Blue Ridge	16	2315CST			0	0			Hail(0.75)
Hunt County									
Celeste	16	2330CST			0	0			Hail(1.75)
Hunt County									
Campbell	16	2345CST			0	0			Hail(1.00)
Hunt County									
Greenville	16	2345CST			0	0			Hail(0.75)
Hunt County									
Greenville	16	2345CST			0	0	5K		Thunderstorm Wind (G60)
									Trees were blown onto houses, power lines were blown down, and downed trees were blocking streets.
Ellis County									
2 E Maypearl	17	1855CST			0	0			Hail(1.75)
Hood County									
10 SE Granbury	17	2145CST			0	0			Hail(0.75)
Fannin County									
Bailey	24	1717CST			0	0			Hail(0.75)
Erath County									
Chalk Mtn	24	1728CST			0	0			Hail(0.75)
Hunt County									
Wolfe City	24	1735CST			0	0			Hail(0.75)
Lamar County									
Paris	24	1743CST			0	0			Hail(0.75)
Bosque County									
5 W Walnut Spgs	24	1752CST			0	0			Hail(0.75)
Collin County									
Mc Kinney	29	1500CST			0	1			Lightning
									A man was injured after being struck by lightning.
Stephens County									
4 NW Gunsight	29	1753CST			0	0			Hail(1.75)
Palo Pinto County									
Mineral Wells	29	1800CST			0	0	2K		Thunderstorm Wind
									High winds destroyed a shed, peeled the tin roof off of an outbuilding, and blew tree limbs down.
Stephens County									
5 NE Gunsight	29	1800CST			0	0			Hail(1.75)
Parker County									
Brock	29	1825CST			0	0			Hail(0.75)
Wise County									
Boonsville	29	1825CST			0	0			Hail(1.75)
Parker County									
5 W Weatherford	29	1833CST			0	0			Hail(2.75)
Wise County									
5 S Bridgeport	29	1834CST			0	0			Hail(3.00)
Wise County									
Paradise	29	1838CST			0	0			Hail(2.75)
Stephens County									
Crystal Falls	29	1850CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TEXAS, North</u>									
Stephens County									
Crystal Falls	29	1850CST			0	0			Thunderstorm Wind (G52) Tree blown down by high winds.
Wise County									
Decatur	29	1853CST 1854CST			0	0			Hail(4.50)
Stephens County									
5 E Crystal Falls	29	1905CST			0	0			Hail(0.88)
Young County									
5 W Graham	29	1908CST			0	0			Hail(1.75)
Young County									
Graham	29	1925CST			0	0	2K		Thunderstorm Wind A metal wall was blown out, and a tree was blown down.
Parker County									
2 S Aledo	29	1929CST			0	0			Hail(0.75)
Parker County									
1 S Aledo	29	1930CST			0	0			Hail(0.88)
Young County									
7 NE Graham	29	1935CST			0	0	5K		Thunderstorm Wind Farm outbuildings were damaged by high winds.
Jack County									
Jermyn	29	1939CST			0	0			Hail(1.75) Windows were broken by golfball size hail.
Jack County									
6 NE Jermyn	29	1946CST			0	0	5K		Hail(1.75)
Tarrant County									
Wheatland	29	1946CST			0	0			Hail(1.00)
Tarrant County									
Benbrook	29	1950CST			0	0			Hail(1.00)
Cooke County									
4 W Gainesville	29	1959CST			0	0			Hail(1.00)
Tarrant County									
Wheatland	29	2010CST			0	0			Hail(0.75)
Young County									
Graham	29	2241CST			0	0			Hail(0.75)
Young County									
Graham	29	2255CST			0	0			Hail(1.75)
<u>TEXAS, North Panhandle</u>									
Deaf Smith County									
9 N Dawn	06	1815CST			0	0			Hail(0.88)
Potter County									
8 NW Amarillo	06	1850CST			0	0			Hail(0.88)
Hutchinson County									
7 W Borger to Borger	06	1947CST 2015CST			0	0			Hail(0.88)
Hutchinson County									
3 SE Stinnett	06	2017CST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, North Panhandle</u>									
Hemphill County									
Canadian	06	2215CST			0	0			Hail(0.75)
Lipscomb County									
1 W Higgins	06	2240CST			0	0			Hail(0.75)
Severe thunderstorms developed during the evening hours from the southwest Texas panhandle and moved up into the northeastern Texas panhandle by late evening producing hail.									
Lipscomb County									
Lipscomb	12	0435CST			0	0			Hail(1.00)
Hutchinson County									
Sanford	12	0531CST			0	0			Hail(0.88)
Hutchinson County									
Sanford	12	0535CST			0	0			Hail(1.00)
Hutchinson County									
Borger	12	0552CST			0	0			Hail(1.00)
Hutchinson County									
5 W Borger	12	0554CST			0	0			Hail(1.75)
Hutchinson County									
4 W Borger	12	0556CST			0	0			Hail(2.50)
Carson County									
11 WNW Skellytown	12	0610CST			0	0			Hail(1.75)
Wheeler County									
3 N Wheeler	12	0617CST			0	0			Hail(0.75)
Gray County									
2 W Mc Lean	12	0725CST			0	0			Hail(0.75)
Severe thunderstorms developed during the early morning hours across the northeast Texas panhandle and then over the central and eastern Texas panhandle. The severe thunderstorms produced large hail.									
Hartley County									
Middle Water	12	2150CST			0	0			Hail(0.75)
Oldham County									
3 S Boys Ranch	12	2335CST			0	0			Hail(0.88)
Potter County									
3 S Ady	12	2348CST			0	0			Hail(0.75)
Oldham County									
3 N Vega	13	0100CST			0	0			Hail(2.50)
Potter County									
1 W Bushland	13	0143CST			0	0			Hail(0.88)
Potter County									
4 N Bushland	13	0144CST			0	0			Hail(1.00)
Potter County									
3 W Bushland	13	0147CST			0	0			Hail(1.75)
Potter County									
5 W Amarillo	13	0156CST			0	0			Hail(1.00)
Randall County									
Amarillo	13	0201CST			0	0			Hail(1.75)
Potter County									
Amarillo	13	0202CST			0	0			Hail(1.75)
Potter County									
Amarillo	13	0206CST			0	0	500K		Hail(2.00)

Storm Data and Unusual Weather Phenomena

April 2002

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

TEXAS, North Panhandle

Randall County									
Amarillo	13	0216CST			0	0			Hail(1.00)
Randall County									
Amarillo	13	0217CST			0	0			Hail(1.75)
Randall County									
10 NE Canyon	13	0230CST			0	0			Hail(1.75)
Potter County									
Amarillo	13	0240CST			0	0			Hail(0.88)
Potter County									
Amarillo Intl Arpt	13	0250CST			0	0			Hail(0.75)
Armstrong County									
5 NW Wayside	13	0315CST			0	0			Hail(0.75)
Randall County									
5 E Canyon	13	0330CST			0	0			Hail(1.00)
Armstrong County									
7 S Claude	13	0340CST			0	0			Hail(0.75)
Armstrong County									
5 NW Wayside	13	0345CST			0	0			Hail(1.00)
Deaf Smith County									
14 NW Hereford	13	0405CST			0	0			Hail(0.75)
Randall County									
Amarillo	13	0420CST			0	0			Hail(0.88)

A moist upslope easterly flow at the surface following the passage of a cold front combined with a disturbance in the upper atmosphere approaching from the west triggered scattered severe thunderstorms during the late evening and early morning hours across the western and south-central Texas panhandle. These severe storms produced plenty of large hail as they moved east. The large hail caused considerable damage in Amarillo to the roofs and skylights of people's homes and also to automobiles.

Collingsworth County									
5 SE Samnorwood	17	1810CST			0	0			Hail(0.88)
Collingsworth County									
5 NE Samnorwood	17	1835CST			0	0			Hail(0.88)
Collingsworth County									
Wellington	17	1840CST			0	0			Hail(1.00)
Wheeler County									
12 E Shamrock	17	1840CST			0	0			Hail(0.75)
Donley County									
Clarendon	17	1900CST			0	0			Hail(0.75)
Donley County									
5 S Clarendon	17	1942CST			0	0			Hail(1.00)
Donley County									
Clarendon	17	1953CST			0	0			Hail(0.75)
Collingsworth County									
Dodson	17	2020CST			0	0			Thunderstorm Wind (G56)

Severe thunderstorms containing large hail and high winds developed over the southeastern Texas panhandle during the evening hours.

TEXAS, Northeast

Smith County									
Tyler	07	1220CST 2255CST			0	0			Flash Flood

Storm Data and Unusual Weather Phenomena

April 2002

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

TEXAS, Northeast

FM 472 and 463 in town were flooded as well as FM 2138 and 2234 near Lake Tyler. .

Red River County
2 SE Clarksville

07	2045CST				0	0	30K		Thunderstorm Wind (G70)
----	---------	--	--	--	---	---	-----	--	-------------------------

Roof blown off a home near Highway 82 and 412.

Marion County
Berea

07	2200CST				0	0	25K		Thunderstorm Wind (G70)
----	---------	--	--	--	---	---	-----	--	-------------------------

Several large trees toppled. Two homes were damaged by falling trees.

Gregg County
Longview

07	2215CST 2330CST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	-------------

Numerous city streets underwater.

Harrison County
2 S Marshall

07 08	2255CST 0255CST				0	0			Flash Flood
----------	--------------------	--	--	--	---	---	--	--	-------------

Intersection of Birmingham and Cox Streets were flooded. Highway 43 was flooded and closed for several hours.

Nacogdoches County
5 SE Nacogdoches

07	2330CST				0	0	1K		Thunderstorm Wind (G65)
----	---------	--	--	--	---	---	----	--	-------------------------

A few large trees were pushed over and damage was reported to an outbuilding.

San Augustine County
7 N San Augustine

08	0010CST				0	0	11K		Thunderstorm Wind (G60)
----	---------	--	--	--	---	---	-----	--	-------------------------

Several large trees down. A shed was blown over near Fm 147.

Titus County
7 NE Mt Pleasant

16	2100CST				0	0			Hail(0.88)
----	---------	--	--	--	---	---	--	--	------------

TEXAS, South

TXZ248>255

Zapata - Jim Hogg - Brooks - Kenedy - Starr - Hidalgo - Willacy - Cameron

01 30	0000CST 2359CST				0	0			Drought
----------	--------------------	--	--	--	---	---	--	--	---------

Extreme drought conditions have developed over all of Deep South Texas during the month of April 2002. Showers and thunderstorms occurring during the first week of April, provided the only rainfall during the month. Rainfall amounts ranged from a few hundredths along the coast to nearly one inch in portions of the mid valley. Rainfall departures from normal for the year range from two to four inches below normal. Combined storage for Falcon and Amistad reservoirs are at the lowest level ever recorded, with Falcon holding near 10 percent of normal conservation level. This continues to be a very serious concern for all of Deep South Texas, as drought conditions are expected to persist through the upcoming month.

TEXAS, South Central

Val Verde County
Pandale

07	1435CST 1450CST				0	0	0	0	Hail(1.75)
----	--------------------	--	--	--	---	---	---	---	------------

Val Verde County
Del Rio

07	1500CST 1515CST				0	0	200K	0	Thunderstorm Wind
----	--------------------	--	--	--	---	---	------	---	-------------------

The supercell thunderstorm that produced downbursts and large hail in Del Rio formed in Mexico and moved eastward into Val Verde County. The severe thunderstorm winds struck first, knocking over trees and signs and damaging roofs in and around Del Rio.

Val Verde County
Del Rio

07	1505CST 1520CST				0	3	500K	100K	Hail(4.50)
----	--------------------	--	--	--	---	---	------	------	------------

Large hail, propelled by winds estimated at 50 to 60 mph, destroyed street signs, dented automobiles, and knocked out windows of vehicles, homes and businesses across Del Rio. Hundreds of automobiles lost windshields and were severely dented. Three people were treated for minor injuries after being struck by the large hail.

Storm Data and Unusual Weather Phenomena

April 2002

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

TEXAS, South Central

Val Verde County

2 NW Amistad Res East 2 N Amistad Res East	07	1510CST 1512CST	0.2	30	0	0	0	0	Tornado (F0)
---	----	--------------------	-----	----	---	---	---	---	--------------

Sheriff's Deputies reported that a small and short-lived tornado touched down in an open area just northwest of Lake Amistad. Members of the public who were in the area also reported a roaring sound the tornado struck. No damage was indicated.

Val Verde County

1 S Del Rio	07	1540CST 1542CST	0.2	30	0	0	0	0	Tornado (F0)
-------------	----	--------------------	-----	----	---	---	---	---	--------------

Val Verde County Sheriff's Deputies observed a second small tornado as it touched down briefly just south of the city of Del Rio. Again, the public in the area reported hearing a roaring sound as the tornado touched down. No damage occurred.

Val Verde County

Laughlin Afb	07	1540CST 1550CST			0	0	0	0	Hail(3.00)
--------------	----	--------------------	--	--	---	---	---	---	------------

Kinney County

16 E Brackettville to 13 E Brackettville	07	1620CST 1625CST	3	50	0	0	0	0	Tornado (F0)
---	----	--------------------	---	----	---	---	---	---	--------------

Skywarn Amateur Radio Operators spotted a tornado as it touched down in open country to the west of Brackettville, near US 90, and tracked toward the east. It caused no known damage.

Kinney County

Countywide	07	1625CST 1700CST			0	2	100K	0	Hail(2.50)
------------	----	--------------------	--	--	---	---	------	---	------------

As the supercell thunderstorm moved eastward from Val Verde County into Kinney County, hail continued to be reported. However, it was initially less widespread than it had been in Val Verde County. Stones at times were reported to be as large as tennis balls and were propelled by winds near 50 mph. Widespread damage to windows of cars and buildings was indicated across the town of Brackettville. The storm was somewhat unusual in that the large hail fell first, with the small hail following later. Two persons received minor injuries in Brackettville when they were struck by hail.

Kinney County

Brackettville	07	1630CST 1700CST			0	0	50K	0	Thunderstorm Wind
---------------	----	--------------------	--	--	---	---	-----	---	-------------------

Severe thunderstorm winds spread across much of the the town, knocking down trees and blowing down numerous tree limbs.

Uvalde County

18 W Uvalde	07	1715CST 1717CST	0.2	20	0	0	0	0	Tornado (F0)
-------------	----	--------------------	-----	----	---	---	---	---	--------------

The tornadic supercell tracked eastward out of Kinney County and into Uvalde County. Shortly after crossing the county line, an off duty police officer reported a short-lived tornado in an open field near US90. It caused no known damage.

Medina County

D Hanis to Devine	07	1825CST 1850CST			0	0	400K	200K	Hail(4.50)
----------------------	----	--------------------	--	--	---	---	------	------	------------

The supercell moved eastward out of Uvalde County and into Medina County. It caused little significant weather in western Medina County, but as it moved into the eastern part of the county, it began to produce winds of 40 to 50 mph and hail as large as softballs. The wind and hail combination broke windows in vehicles, homes and businesses, and damaged roofs across much of southeast Medina County. The damage included several hundred automobiles.

Medina County

2 SW Yancey to 2 W Yancey	07	1840CST 1843CST	1	100	0	0	200K	0	Tornado (F2)
------------------------------	----	--------------------	---	-----	---	---	------	---	--------------

As a new supercell formed in southern Medina County and tracked eastward, it spawned an F2 tornado just west of the small community of Yancey. This was very close to the the site where a devastating F3 killer tornado had struck almost exactly 27 years earlier. This tornado touched down along County Road 731, destroying two homes. It moved toward the northeast for one mile, damaging two other homes and a mobile home while rolling over a car and knocking down several large trees

Frio County

Big Foot	07	1900CST 1901CST	0.1	20	0	0	10K	0	Tornado (F1)
----------	----	--------------------	-----	----	---	---	-----	---	--------------

The small and short-lived tornado touched down briefly near a home, destroying several trees while not damaging the house itself.

Frio County

7 E Frio Town to 5 E Frio Town	07	1925CST 1930CST			0	0	0	0	Hail(0.75)
-----------------------------------	----	--------------------	--	--	---	---	---	---	------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TEXAS, South Central</u>									
Hays County									
Buda	07	1950CST 1955CST			0	0	100K	0	Thunderstorm Wind
Severe thunderstorm winds damaged roofs and windows of homes and knocked over trees in the Buda area.									
Wilson County									
Floresville	07	2045CST 2100CST			0	0	0	0	Hail(0.75)
Uvalde County									
Countywide	07	2145CST 2155CST			0	0	0	0	Hail(1.75)
Frio County									
North Portion	07	2200CST 2330CST			0	0	10K	50K	Flash Flood
Rainfall of up to 4 inches fell over the northern part of Frio County, causing brief flash flooding. The damage to roads and bridges was reported to be minor, with some damage also to crops.									
Atascosa County									
North Portion	07 08	2230CST 0600CST			0	0	50K	200K	Flash Flood
Rainfall of up to 6 inches fell over the northwest part of Atascosa County in the late evening hours, causing flash flooding. Minor damage was indicated to roads and bridges over the northern part of the county, with more significant damage to crops in the north part of the county.									
Atascosa County									
Pleasanton	07	2250CST 2300CST			0	0	100K	0	Hail(2.50)
Hail up to the size of tennis balls, driven by winds of 40 to 50 mph, damaged windows of homes and cars in the Pleasanton area.									
Bexar County									
San Antonio	07	2320CST 2340CST			0	0	0	0	Hail(1.00)
Wilson County									
10 W Floresville to Floresville	07	2330CST 2355CST			0	0	0	0	Hail(1.75)
Zavala County									
La Pryor	07	2345CST 2355CST			0	0	50K	0	Thunderstorm Wind
Severe thunderstorm winds knocked over trees, and blew down tree limbs in and around the LaPryor area.									
Bexar County									
San Antonio	08	0040CST 0050CST			0	0	0	0	Hail(1.75)
Bexar County									
Martinez	08	0125CST 0135CST			0	0	0	0	Hail(1.75)
Bexar County									
San Antonio	08	0130CST 0430CST			0	0	80K	50K	Flash Flood
Flash flooding erupted over large sections of San Antonio as general 2 inch rain amounts fell over the northern part of the county, with up to 4 inches in the north central portion. Damage was mainly to roads across the city.									
Medina County									
East Portion	08	0100CST 0400CST			0	0	30K	100K	Flash Flood
Up to 4 inches of rain fell over the eastern half of Medina County. The resulting flash flood was brief, with minor damage to roads and bridges and more significant damage to crops in the area.									
Fayette County									
Schulenburg	08	0130CST 0140CST			0	0	50K	0	Thunderstorm Wind
A severe downburst blew over trees and knocked down large tree limbs in the Schulenburg area.									

Storm Data and Unusual Weather Phenomena

April 2002

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, South Central</u>									
Caldwell County									
West Portion	08	0200CST 0400CST			0	0	30K	100K	Flash Flood
Up to 3 inches of rain fell across the western part of the Caldwell County causing minor flash flooding through the early morning. Minor damage reported was to roads and bridges, with some damage to crops in the area.									
Guadalupe County									
West Portion	08	0200CST 0500CST			0	0	50K	100K	Flash Flood
Flash flooding developed over the the western part of Guadalupe County as 4 inches of rain fell in just under three hours. Only minor damage was indicated to roads and bridges, with more significant damage to crops in the area.									
Bastrop County									
Southeast Portion	08	0300CST 0400CST			1	0	20K	0	Flash Flood
Two inches of rainfall in a two-hour period caused very localized and brief flooding over the southeast section of Bastrop county. A 46-yr old man drowned as his vehicle was washed off a rural road into Buckner's Creek, about six miles east of Rosanky. M46VE									
Llano County									
West Portion	13	1700CST 1830CST			0	0	30K	0	Flash Flood
Rain of up to 4 inches fell in a two hour period, causing brief flash flooding across the western part of the county. Only minor damage to roads and bridges was reported.									
Llano County									
Llano Muni Arpt	13	1730CST 1745CST			0	0	0	0	Hail(1.75)
Bexar County									
Martinez	16	1545CST 1555CST			0	0	0	0	Hail(1.75)
Bexar County									
Randolph Afb	16	1610CST 1625CST			0	0	0	0	Hail(0.75)
Atascosa County									
Pleasanton	16	1547CST 1600CST			0	0	0	0	Hail(1.00)
Comal County									
10 W New Braunfels	16	1630CST 1645CST			0	0	0	0	Hail(0.75)
Atascosa County									
3 N Pleasanton	16	1655CST			0	0	0	0	Hail(1.75)
Bexar County									
8 NE San Antonio	16	1750CST 1800CST			0	0	0	0	Hail(1.00)
Bexar County									
San Antonio	16	1752CST 1800CST			0	0	0	0	Hail(0.75)
Bexar County									
10 NW San Antonio	16	1755CST 1805CST			0	0	0	0	Hail(1.75)
Bexar County									
10 N San Antonio	16	1820CST 1830CST			0	0	0	0	Hail(1.00)
Bexar County									
Schertz	16	1835CST 1845CST			0	0	0	0	Hail(1.50)
Bexar County									
10 E Leon Spgs to Leon Spgs	16	1837CST 1845CST			0	0	0	0	Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TEXAS, South Central</u>									
Comal County									
Bulverde to Smithson Vly	16	1755CST 1810CST			0	0	0	0	Hail(1.75)
Comal County									
Bracken	16	1842CST 1850CST			0	0	0	0	Hail(1.75)
Guadalupe County									
5 W Marion	16	1842CST 1850CST			0	0	0	0	Hail(1.75)
Bexar County									
15 NE San Antonio	16	1850CST 1900CST			0	0	0	0	Hail(0.75)
<u>TEXAS, South Panhandle</u>									
Stonewall County									
Peacock	07	1345CST			0	0			Hail(0.75)
Swisher County									
Happy	13	0603CST			0	0			Hail(0.88)
Swisher County									
Vigo Park	13	1426CST			0	0	10K		Hail(1.75)
The Tulia PD reported golfball size hail.									
Swisher County									
8 S Tulia	13	1442CST			0	0			Hail(0.75)
Swisher County									
3 S Tulia	13	1442CST			0	0			Hail(1.75)
The Tulia PD reported golfball size hail.									
Swisher County									
1 N Kress	13	1515CST			0	0			Hail(1.75)
Amateur radio storm spotters reported golfball size hail.									
Hockley County									
2 S Levelland	13	1520CST			0	0			Hail(1.75)
Amateur radio storm spotters reported golfball size hail.									
Hockley County									
Sundown	13	1529CST			0	0	20K		Hail(1.75)
The Hockley County Sheriff's Office reported golfball size hail.									
Hale County									
Plainview	13	1555CST			0	0			Hail(0.75)
Hale County									
Halfway	13	1610CST			0	0	10K		Hail(1.75)
The Hale County Sheriff's Office reported golfball size hail covering the ground.									
Terry County									
3 S Tokio	13	1625CST			0	0			Hail(1.50)
Yoakum County									
12 E Plains	13	1635CST			0	0			Hail(1.00)
Hale County									
5 W Hale Center	13	1638CST			0	0			Hail(1.75)
The Hale County Sheriff's Office reported golfball size hail west of town on Farm-to-Market Road 1914.									
Hale County									
Hale Center	13	1644CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TEXAS, South Panhandle</u>									
Yoakum County 14 SE Plains	13	1656CST			0	0			Hail(0.75)
Yoakum County 8 NE Denver City	13	1700CST			0	0			Hail(1.75) The Denver City PD reported golfball size hail on Highway 213.
Hale County 5 S Hale Center	13	1702CST			0	0			Hail(0.75)
Lamb County Littlefield	15	2300CST			0	0	10K		Thunderstorm Wind Strong wind uprooted trees and blew the roof off of a trailer home.
Cottle County 8 NW Paducah	17	1915CST			0	0	30K		Hail(2.00) Large hail broke windows and damaged automobiles.
Cottle County 8 NW Paducah	17	1915CST			0	0	0		Thunderstorm Wind Strong thunderstorm winds blew down a couple trees.
Cottle County 4 W Paducah	17	1917CST			0	0	20K		Hail(2.50) The Cottle County Sheriff's Office reported tennis ball size hail.
Childress County (Cds)Childress Arprt	17	1945CST			0	0			Thunderstorm Wind (G57)^M The KCDS ASOS unit measured 66 mph thunderstorm wind gusts.
Lynn County 5 W Odonnell	19	1758CST			0	0			Hail(1.50)
Lynn County 6 E New Moore	19	1805CST			0	0	50K		Hail(4.00) A three quarter of a mile wide swath of three to four inch diameter hail fell across southern Lynn County. A cotton gin and three homes near Wells were battered by this hail. Numerous windows were shattered and major roof damage occurred.
Lynn County 6 WSW Tahoka to 4 W Tahoka	19	1808CST 1815CST	2	50	0	0			Tornado (F0) Amateur radio storm spotters reported a tornado 2 miles south of Highway 380 on Farm-to-Market Road 3112. The tornado was produced by an antimesocyclone, which was located on the north flank of a left-split storm. The tornado, which rotated clockwise in direction, seemed to develop as the storm interacted with a frontal boundary.
Lynn County 1 E New Moore	19	1814CST			0	0	10K		Hail(2.50) A storm chaser reported tennis ball size hail on Highway 213 east of town.
Lynn County Tahoka	19	1820CST			0	0			Hail(1.50)
Terry County Wellman	19	1930CST			0	0	25K		Hail(1.75) The Terry County Sheriff's Office reported golfball size hail.
Terry County Wellman	19	1939CST			0	0			Hail(0.88)
Dickens County South Portion	25	1824CST 1930CST			0	0			Flash Flood Locally heavy rainfall on the order of 3.5 to 4 inches in several hours resulted in flooding of portions of Highway 70, Farm-to-Market Road 836, and Farm-to-Market Road 208 near Spur.
Lubbock County 5 SW Lubbock	27	0019CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TEXAS, Southeast</u>									
Hardin County									
15 SE Kountze	08	0103CST			0	0	5K		Thunderstorm Wind
			Trees were blown down on power lines.						
Tyler County									
Countywide	08	0103CST			0	0	10K		Thunderstorm Wind
			Trees were blown down on power lines across the county.						
Jasper County									
Evadale	08	0115CST			0	0			Hail(0.75)
Jasper County									
Buna	08	0117CST			0	0	10K		Thunderstorm Wind
			Tress were blown down during a severe thunderstorm.						
Newton County									
Burkeville	08	0208CST			0	0	5K		Thunderstorm Wind
			Trees were blown down during a severe thunderstorm..						
Jasper County									
Evadale	08	0215CST			0	0	5K		Thunderstorm Wind
			Trees were blown down on power lines.						
Jasper County									
4 E Jasper	08	0215CST			0	0	5K		Thunderstorm Wind
			Trees were blown down along US Highway 90.						
Jasper County									
Evadale	08	0218CST			0	0			Hail(1.00)
Hardin County									
Sour Lake	08	0230CST			0	0			Hail(1.25)
Orange County									
Vidor	08	0237CST			0	0	5K		Thunderstorm Wind
			Trees blown down on Forest Ranch Road in north Vidor.						
Newton County									
Countywide	08	0242CST			0	0	10K		Thunderstorm Wind
			Trees were blown down on power lines countywide.						
<u>TEXAS, West</u>									
Culberson County									
43 E Pine Spgs	06	1810CST 1825CST			0	0	0	0	Hail(1.75)
			A storm chaser reported quarter to golfball size hail covering the ground along FM 652.						
Reeves County									
Orla to 1 N Orla	06	1845CST			0	0	0	0	Hail(1.00)
			Storm spotters reported hail covering the ground along Highway 652.						
Loving County									
17 W Mentone	06	1905CST			0	0	0	0	Hail(1.00)
			An isolated supercell thunderstorm formed in an area of general upslope flow in the lee of the Guadalupe Mountains...and in proximity to a dryline bulge across southwest Texas. The storm produced large hail up to the size of golfballs as it progressed east across the Upper Trans Pecos region. At times hail accumulated to over two inches deep along Highways 652 and 285 in Culberson and northern Reeves Counties.						
Upton County									
2 SW Rankin to 2 E Rankin	07	1130CST 1200CST			0	0	0	0	Hail(1.75)
Glasscock County									
3 S St Lawrence	07	1205CST			0	0	0	0	Hail(0.75)
			Reported by a storm spotter near the county line on Highway 33.						

Storm Data and Unusual Weather Phenomena

April 2002

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, West</u>									
Reagan County									
16 N Stiles	07	1205CST			0	0	0	0	Hail(0.75)
Reported by a storm spotter near the county line on Highway 33.									
Pecos County									
Iraan	07	1215CST			0	0	0	0	Hail(0.75)
Pecos County									
Sheffield	07	1258CST			0	0	0	0	Hail(0.75)
Reagan County									
14 NNE Stiles	07	1357CST			0	0	0	0	Hail(1.75)
Severe thunderstorms rapidly developed and intensified over the Permian Basin and Lower Trans Pecos region around midday on the 7th. The storms developed as a vigorous upper level low transited New Mexico...and a dryline surged east through West Texas. A few supercell storms were observed producing up to golfball size hail.									
Reeves County									
Pecos	13	1715CST			0	0	0	0	Hail(0.75)
Upton County									
25 NNW Rankin	13	1740CST			0	0	15K	0	Thunderstorm Wind (G57)
Storm spotters reported several power poles blown down on Highway 1492.									
Gaines County									
Seminole	13	1805CST			0	0	0	0	Hail(1.00)
Loving County									
12 N Mentone	13	1915CST			0	0	0	0	Hail(0.75)
Reagan County									
4 W Big Lake to Big Lake	13	1928CST 1946CST			0	0	0	0	Hail(0.75)
Winkler County									
Kermit	13	2000CST			0	0	0	0	Hail(0.88)
Winkler County									
Kermit	13	2120CST			0	0	0	0	Hail(1.75)
Severe thunderstorms developed during the late afternoon and evening of the 13th across the Permian Basin and the Upper Trans Pecos region. The storms formed near a dryline and multiple outflow boundaries from previous convection.									
Terrell County									
5 N Sanderson	14	1725CST			0	0	0	0	Hail(0.75)
An isolated severe thunderstorm developed over Terrell County and produced dime size hail.									
Glasscock County									
14 W Garden City	18	1540CST			0	0	0	0	Hail(1.00)
An isolated thunderstorm developed and moved northeast across the central Permian Basin during the late afternoon on the 18th. Quarter size hail was reported at the intersection of Highways 137 and 158 in western Glasscock County by the DPS.									
Andrews County									
8 E Andrews	19	1657CST			0	0	0	0	Hail(1.75)
Reported on Highway 176.									
Andrews County									
18 E Andrews	19	1705CST			0	0	0	0	Hail(1.00)
Dawson County									
6 WNW Patricia	19	1730CST			0	0	15K	0	Hail(3.00)
Damage was reported to farm house including: broken windows, roof damage, and significant damage to two vehicles.									
Dawson County									
5 W Lamesa	19	1735CST			0	0	10K	0	Hail(1.75)
Damage was reported to several vehicles on Highway 180.									
Gaines County									
14 SSW Seminole	19	1835CST			0	0	0	0	Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TEXAS, West</u>									
Andrews County									
13 NW Andrews	19	1840CST			0	0	0	0	Hail(0.75)
Gaines County									
5 S Seminole	19	1841CST			0	0	0	0	Hail(0.75)
Gaines County									
Seagraves	19	1925CST			0	0	0	0	Hail(0.88)
Severe thunderstorms developed during the afternoon of the 19th across the Permian Basin...south of a cold front and dryline triple point. Several splitting supercells were observed, with the left moving members being the dominate severe weather producers. Large hail up to the size of teacups was reported. The storm which produced the most significant damage moved across portions of eastern Andrews and western Dawson Counties. Signigicant hail damage was at a farmstead in Dawson County. Hail damage was also reported to several vehicles traveling on Highway 180 west of Lamesa. Since the event occurred relatively early in the growing season, significant crop damage did not occur.									
Presidio County									
15 E Redford	25	1552CST			0	0	0	0	Hail(1.25)
A severe thunderstorm formed in Presidio County and moved east into Brewster County in the Big Bend area producing large hail.									
Brewster County									
Panther Junction	26	1830CST			0	0	0	0	Hail(0.75)
Brewster County									
43 ENE Study Butte	26	1850CST			0	0	0	0	Hail(2.00)
Gaines County									
1 W Seminole	26	2030CST			0	0	0	0	Hail(0.75)
An isolated severe thunderstorm developed and moved northeast across the Rio Grande River into southern Brewster County during the early evening of the 26th. The storm produced hen egg size hail as it crossed the river...which covered the ground. Dime size hail was also reported at the Big Bend National Park headquarters located at Panther Junction. The largest hail fell over open range land and on park property...therefore no crop damage was reported.									
A supercell thunderstorm also formed and moved into the western Permian Basin later in the evening. This storm produced dime size hail near Seminole.									
Pecos County									
7 NW Bakersfield	29	1700CST			0	0	0	0	Hail(0.75)
Pecos County									
7 NW Bakersfield	29	1700CST			0	0	0	0	Thunderstorm Wind (G52)
Large tree limbs were downed by thunderstorm winds.									
Pecos County									
9 N Bakersfield	29	1701CST 1710CST			0	0	0	0	Hail(1.25)
Hail covered the ground with drifts up to 8 inches deep.									
Pecos County									
9 N Bakersfield	29	1701CST 1710CST			0	0	0	0	Thunderstorm Wind (G52)
Upton County									
13 W Midkiff	29	1800CST 1830CST			0	0	0	0	Hail(0.75)
Reported just off of Highway 349.									
Midland County									
19 S Spraberry	29	1810CST			0	0	0	0	Hail(0.75)
Reported on the Midland and Upton County Line.									
Upton County									
1 N Midkiff	29	1810CST			0	0	0	0	Hail(0.75)
Reported on Midland and Upton County line.									
Glasscock County									
14 WSW St Lawrence	29	1815CST 1830CST			0	0	0	0	Hail(0.88)
Reported at the Western Gas Resources Inc. Plant located just off highway 2401 on the border of several counties.									

Storm Data and Unusual Weather Phenomena

April 2002

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

TEXAS, West

Midland County

20 SSE Spraberry	29	1815CST 1830CST			0	0	0	0	Hail(0.88)
------------------	----	--------------------	--	--	---	---	---	---	------------

Reported at the Western Gas Resources Inc. Plant.

Upton County

4 NE Midkiff	29	1815CST 1830CST			0	0	0	0	Hail(0.88)
--------------	----	--------------------	--	--	---	---	---	---	------------

Reported at the Western Gas Resources Inc. Plant.

Pecos County

3 NW Iraan	29	1830CST			0	0	0	0	Hail(0.88)
------------	----	---------	--	--	---	---	---	---	------------

Reported on U.S. Highway 190.

Reagan County

30 N Big Lake	29	1920CST			0	0	10K	0	Hail(1.75)
---------------	----	---------	--	--	---	---	-----	---	------------

Broke windows out of a residence near the intersection of Highways 137 and 1537.
A dryline extended roughly north to south through the eastern Permian Basin...Lower Trans Pecos...and Big Bend regions. Through intense heating and sufficient low-level moisture, thunderstorms initiated along the dryline and moved generally to the northeast at 25 mph producing large hail up to the size of golfballs and a few severe wind gusts. A home in northern Reagan County was damaged when hail broke windows.

TEXAS, Western North

TXZ083>090

Hardeman - Foard - Wilbarger - Wichita - Knox - Baylor - Archer - Clay

02	1000CST 1900CST			0	0	0.50K		Strong Winds
----	--------------------	--	--	---	---	-------	--	--------------

Strong winds developed from late morning through early evening, across western north Texas, behind a strong cold front. Winds behind the cold front were generally out of the north with sustained speeds of 30 to 35 mph, with gusts near 50 mph. A metal outbuilding was crumpled by the wind in Burkburnett in Wichita County.

Baylor County

2 N Bomarton	07	1510CST			0	0		Hail(0.88)
--------------	----	---------	--	--	---	---	--	------------

Wichita County

Electra	07	1535CST			0	0		Hail(0.75)
---------	----	---------	--	--	---	---	--	------------

Archer County

2 S Megargel	07	1546CST			0	0		Hail(0.75)
--------------	----	---------	--	--	---	---	--	------------

Archer County

2 E Archer City	07	1615CST			0	0		Hail(1.00)
-----------------	----	---------	--	--	---	---	--	------------

Archer County

Archer City	07	1622CST			0	0		Hail(0.88)
-------------	----	---------	--	--	---	---	--	------------

Clay County

10 W Joy	07	1625CST			0	0		Hail(0.88)
----------	----	---------	--	--	---	---	--	------------

Archer County

2 N Windthorst	07	1655CST			0	0		Hail(1.25)
----------------	----	---------	--	--	---	---	--	------------

Clay County

Lake Arrowhead	07	1701CST			0	0		Hail(0.88)
----------------	----	---------	--	--	---	---	--	------------

Clay County

7 SE Henrietta	07	1705CST			0	0	0.50K		Thunderstorm Wind
----------------	----	---------	--	--	---	---	-------	--	-------------------

Power lines were downed along Highway 287.

Wichita County

Burkburnett	13	0654CST			0	0			Hail(1.00)
-------------	----	---------	--	--	---	---	--	--	------------

Wichita County

Burkburnett	13	0700CST			0	0	20K		Hail(1.75)
-------------	----	---------	--	--	---	---	-----	--	------------

Several mobile homes sustained broken windows on the northwest sides of Burkburnett, and several vehicles sustained minor damage.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>TEXAS, Western North</u>									
Wichita County									
Burkburnett	13	0702CST			0	0			Hail(1.75)
Wilbarger County									
1 S Odell	13	0720CST			0	0			Hail(0.75)
Clay County									
2 NW Henrietta	13	0725CST			0	0			Hail(0.88)
Clay County									
Petrolia	13	0743CST			0	0			Hail(1.25)
Clay County									
1 NE Petrolia	13	0755CST			0	0			Hail(1.00)
Clay County									
5 E Henrietta	13	0820CST			0	0			Hail(0.88)
Hail was reported near Highways 82 and 1134.									
Wichita County									
Iowa Park	13	0820CST			0	0			Thunderstorm Wind (G56)
Wichita County									
Wichita Falls	13	0840CST			0	0			Hail(0.75)
Hail fell near Highways 369 and 287.									
Archer County									
Lake Kickapoo	13	0843CST			0	0			Thunderstorm Wind (G52)
Wichita County									
Wichita Falls	13	0845CST			0	0			Hail(1.00)
Hail was reported on the northwest side of Wichita Falls, near Highway 287.									
Clay County									
Petrolia	13	0900CST			0	0			Hail(0.88)
Archer County									
1 SW Archer City	13	0905CST			0	0			Thunderstorm Wind (G56)
Wichita County									
Burkburnett	13	0906CST			0	0	25K		Thunderstorm Wind
Several power poles were downed on the east side, and one power pole was downed on the south side. The roof of a metal building was blown off near Highway 240 and Daniels Road. The roof of a house was partially blown off on Highway 240.									
Archer County									
3 W Archer City	13	0919CST			0	0			Hail(0.88)
Hail was reported near Highway 210.									
Archer County									
Holliday	13	0930CST			0	0	20K		Thunderstorm Wind
The roof of a mobile home was blown off. Trees and powerlines were downed, and lights at a football stadium were blown over									
Clay County									
2 NW Henrietta	13	1000CST			0	0			Hail(0.75)
Baylor County									
4 N Mabelle	16	1608CST			0	0			Hail(1.00)
Archer County									
6 NNE Dundee	16	1638CST			0	0			Hail(0.75)
Archer County									
6 NNE Dundee	16	1649CST			0	0			Hail(0.88)
Archer County									
2 WNW Holliday	16	1655CST			0	0			Hail(0.75)
Wichita County									
3 SSW Kamay	16	1655CST			0	0			Hail(0.75)

Storm Data and Unusual Weather Phenomena

April 2002

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

TEXAS, Western North

Wichita County									
Kamay	16	1659CST			0	0			Hail(0.75)
Wichita County									
5 WSW Wichita Falls	16	1715CST			0	0			Hail(1.00)
Wichita County									
Wichita Falls	16	1730CST			0	0			Hail(1.75)
Wichita County									
5 S Wichita Falls	16	1747CST			0	0			Hail(1.75)
Wichita County									
Wichita Falls	16	1749CST			0	0			Hail(1.00)
Hail was reported near Highways 79 and 287.									
Clay County									
Henrietta	16	1752CST			0	0			Hail(0.88)
Clay County									
14 E Henrietta	16	1821CST			0	0			Hail(1.75)
Hardeman County									
Goodlett	17	2015CST			0	0			Hail(0.75)
Hardeman County									
Goodlett	17	2130CST			0	0			Hail(0.75)

UTAH, East

UTZ024>025 Eastern Uinta Basin - Tavaputs Plateau									
	15	1200MST 2300MST			0	0			High Wind (G70) ^M

A strong Pacific storm and associated vigorous cold front blew through northeast Utah, producing sustained winds around 40 mph with even stronger gusts. The Vernal airport ASOS measured a peak wind gust of 58 mph in the eastern Uinta Basin while the Wild Horse Basin RAWS site in the Tavaputs Plateau clocked a gust to 80 mph.

UTAH, West and Central

Duchesne County									
Tabiona	05	1250MST			0	0	10K	1K	Dry Microburst
Strong Microburst winds picked the roof off a shed and blew down a large cottonwood tree.									

UTZ002>006-010>021 Northern Wasatch Front/Brigham City/Ogden Bountiful - Salt Lake And Toole Valleys - Southern Wasatch Front/Lehi/Provo/Nephi - Great Salt Lake Desert And Mountains/Wendover/Snowville - Wasatch Mountain Valleys/Huntsville/Park City/Heber - Wasatch Plateau/Book Cliffs - Western Uinta Basin - Castle Country/Price/Castle/Dale/Emery - San Rafael Swell/Greene River/Hanksville - Sanpete/Sevier Valleys - West Central Utah/Delta - Southwest Utah/Cedar City/Milford - Central And Southwest Mountains - Southeast Mountains/Canyonlands - Utah'S Dixie And Zion National Park - South Central Utah/Kanab/Escalante - Glen Canyon Recreation Area/Lake Powell									
	15	1000MST 2000MST			0	10	2M	100K	High Wind (G75) ^M

Almost all of Utah was overly taxed as a powerful spring storm brought damaging winds and blowing dust to the area. The winds ahead of the cold front toppled semis, caused numerous traffic accidents, closed freeways, whipped up wildfires, and produced widespread power outages. At the storms peak, nearly 100,000 people were without power. An apartment complex in Draper and nearby school was evacuated after 17 power poles were knocked onto the roofs. Winds of 50-75 mph and blowing dust caused a multiple car accident near Paragonah on I-15. Several trucks overturned at Point of the Mountain. I-15 had to be closed near Fillmore due to the low visibilities in blowing dust. A wildfire was whipped up near Parowan by the wind, forcing residents to evacuate. At the Cedar City Airport, wind gusts snapped the lines holding down a plane, causing it to smash into another parked plane. Other damage around the state included broken windows, shingles and siding ripped away from homes and businesses, storage sheds collapsing, billboards and marquees blown down, and large trees uprooted or snapped off. Some of the stronger wind gusts included 84 mph (73kts) at Lost Creek, 78 mph (68 kts) in West Jordan and Chepeta, 72 mph (63 kts) at Dugway and Sandy, 71 mph (62 kts)

Storm Data and Unusual Weather Phenomena

April 2002

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

UTAH, West and Central

at Delta, 70 mph (61 kts) at Fillmore, 67 mph (58 kts) at Saint George, 66 mph (57 kts) in Wendover, 64 mph (56 kts) at the Salt Lake International Airport, 62 mph (54 kts) at Cedar City, 61 mph (53 kts) in Centerville, and 58 mph (50 kts) at Tooele.

UTZ002>004-006-008 **Northern Wasatch Front/Brigham City/Ogden Bountiful - Salt Lake And Toole Valleys - Southern Wasatch Front/Lehi/Provo/Nephi - Wasatch Mountain Valleys/Huntsville/Park City/Heber - Wasatch Mountains South Of I80**
16 **0100MST** **0** **0** **0** **0** **Heavy Snow**
1500MST

After the wind and dust, came the snow and cold. At least across the north. Some mountain totals included 13 inches at Alta and Farmington Canyon, 12 inches at Brighton and 10 inches at Spruces. In the lower elevations, Spanish Fork got clobbered with 10-12 inches, Payson had 6 inches, North Salt Lake and Springville 5 inches, and Kanosh 4 inches. 2-3 inches fell over the rest of Salt Lake, Utah, and Davis Counties.

UTZ001>004-006>008 **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**
17 **1800MST** **0** **0** **0** **0** **Heavy Snow**
20 **1800MST**

Cold and unsettled weather parked over Northern Utah for a 3-day period, dumping much needed heavy snowfall in the mountains, and some pretty hefty amounts in the valleys as well. Snow totals included 38 inches at Alta, 36 inches in Farmington Canyon, 28 inches at Snowbird, and 18 inches in Park City. In the lower elevations, the Tooele Bench reported 19 inches, with 14 inches in the town of Tooele, 13 inches in Kanosh, 12 inches on the Bountiful Bench, 10 inches in East Layton and the Ogden Bench, 9 inches in South Ogden, 8 inches in Spanish Fork, and 7 inches in Laketown and Springville.

Davis County
Bountiful **26** **2000MST** **0** **0** **0** **0** **Hail(0.75)**
A severe thunderstorm produced 3/4 inch hail in the town of Bountiful.

VERMONT, North and Central

VTZ007 **Caledonia**
13 **2200EST** **0** **0** **20K** **Flood**
14 **1100EST**

During April 13th and 14th, a slow moving cold front drifted southeast across the area. An area of low pressure moved along the front, passing across the region with widespread rainfall. Flooding occurred due to the combination of snowmelt and 1 to 3 inches of rainfall across the area. The heaviest rainfall was in the south half of Vermont. In Caledonia county, flooding was reported in the towns of Groton and Sheffield. Water was over Routes 122 and 5 around Lyndonville. In addition, the Passumpsic River exceeded its flood stage of 14 feet.

VTZ011 **Rutland**
13 **2205EST** **0** **0** **30K** **Flood**
14 **1100EST**

During April 13th and 14th, a slow moving cold front drifted southeast across the area. An area of low pressure moved along the front, passing across the region with widespread rainfall. Flooding occurred due to the combination of snowmelt and 1 to 3 inches of rainfall across the area. The heaviest rainfall was in the south half of Vermont. In Rutland county, both Tenney and Moon brooks (near the city of Rutland) were flooded. The Otter Creek exceeded its flood stage for an extended period.

VTZ012 **Windsor**
13 **2300EST** **0** **0** **50K** **Flood**
14 **1100EST**

During April 13th and 14th, a slow moving cold front drifted southeast across the area. An area of low pressure moved along the front, passing across the region with widespread rainfall. Flooding occurred due to the combination of snowmelt and 1 to 3 inches of rainfall across the area. The heaviest rainfall was in the south half of Vermont. In Windsor county, flooding was reported from the White River and its branches in the towns of Sharon, Bethel and Rochester with some road washouts. In Royalton, 2 people were rescued after their vehicle was moved by flood waters.

VTZ009 **Addison**
13 **2345EST** **0** **0** **20K** **Flood**
14 **1100EST**

Storm Data and Unusual Weather Phenomena

April 2002

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

VERMONT, North and Central

During April 13th and 14th, a slow moving cold front drifted southeast across the area. An area of low pressure moved along the front, passing across the region with widespread rainfall. Flooding occurred due to the combination of snowmelt and 1 to 3 inches of rainfall across the area. The heaviest rainfall was in the south half of Vermont. In Addison county, water was reported over Route 125 east of Ripton. In addition, The New Haven River near Bristol was flooding.

VTZ010

Orange

14	0005EST 1100EST				0	0	40K		Flood
-----------	----------------------------	--	--	--	----------	----------	------------	--	--------------

During April 13th and 14th, a slow moving cold front drifted southeast across the area. An area of low pressure moved along the front, passing across the region with widespread rainfall. Flooding occurred due to the combination of snowmelt and 1 to 3 inches of rainfall across the area. The heaviest rainfall was in the south half of Vermont. In Orange county, gravel road washouts were reported in the towns of Braintree and Randolph. Some erosion damage to a railroad track was reported in Randolph.

VTZ004

Essex

14	0100EST 1100EST				0	0	20K		Flood
-----------	----------------------------	--	--	--	----------	----------	------------	--	--------------

During April 13th and 14th, a slow moving cold front drifted southeast across the area. An area of low pressure moved along the front, passing across the region with widespread rainfall. Flooding occurred due to the combination of snowmelt and 1 to 3 inches of rainfall across the area. The heaviest rainfall was in the south half of Vermont. In Essex county, road washouts were reported in Guildhall and Lunenburg.

VTZ003

Orleans

14	0300EST 1100EST				0	0	10K		Flood
-----------	----------------------------	--	--	--	----------	----------	------------	--	--------------

During April 13th and 14th, a slow moving cold front drifted southeast across the area. An area of low pressure moved along the front, passing across the region with widespread rainfall. Flooding occurred due to the combination of snowmelt and 1 to 3 inches of rainfall across the area. The heaviest rainfall was in the south half of Vermont. In Orleans county, flooding was along portions of Route 5 around Orleans and Coventry.

VTZ008

Washington

14	0400EST 1100EST				0	0	10K		Flood
-----------	----------------------------	--	--	--	----------	----------	------------	--	--------------

During April 13th and 14th, a slow moving cold front drifted southeast across the area. An area of low pressure moved along the front, passing across the region with widespread rainfall. Flooding occurred due to the combination of snowmelt and 1 to 3 inches of rainfall across the area. The heaviest rainfall was in the south half of Vermont. In Washington county, minor flooding was reported in the Mad River Valley.

Caledonia County

Countywide

17	1300EST 1500EST				0	0			Gusty Thunderstorm Wind
-----------	----------------------------	--	--	--	----------	----------	--	--	--------------------------------

Essex County

Countywide

17	1300EST 1500EST				0	0			Gusty Thunderstorm Wind
-----------	----------------------------	--	--	--	----------	----------	--	--	--------------------------------

Orleans County

Countywide

17	1300EST 1500EST				0	0			Gusty Thunderstorm Wind
-----------	----------------------------	--	--	--	----------	----------	--	--	--------------------------------

A frontal boundary along the border regions of northeast Vermont, northern New Hampshire and southern Canada focused afternoon thunderstorms to move southeast across northeast Vermont. Observers reported no damage just brief gusty winds and locally heavy rainfall with the thunderstorms. The heaviest storms moved across east portion of Orleans county, north half of Caledonia county and northern two thirds of Essex county.

VTZ007>008-010-012

Caledonia - Washington - Orange - Windsor

22	2000EST				0	0	4K		Light Snow
23	0300EST								

A storm system moved off the mid-atlantic coast and moved south of New England. Light snow fell across Vermont. The heaviest amounts were: 4 to 6 inches in Washington county, and 2 to 5 inches in the counties of Windsor, Orange and Caledonia. Lighter amounts fell across western Vermont.

VTZ002>004-006-008-010

Franklin - Orleans - Essex - Lamoille - Washington - Orange

28	1500EST				0	0			Light Snow
29	0300EST								

An area of low pressure moved across New York State during Sunday and across New England Sunday night. A mixture of rain and snow spread across the area Sunday and Sunday night. The precipitation was mostly a wet snow in the higher elevations. Accumulations were generally 1 to 4 inches with accumulations terrain dependent.

Storm Data and Unusual Weather Phenomena

April 2002

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

VERMONT, North and Central

VTZ007

Caledonia

28 1500EST
29 0300EST

0 0

Light Snow

An area of low pressure moved across New York State during Sunday and across New England Sunday night. A mixture of rain and snow spread across the area Sunday and Sunday night. The precipitation was mostly a wet snow in the higher elevations. Accumulations were generally 3 to 5 inches with highest amounts terrain dependent.

VERMONT, South

NONE REPORTED.

VIRGIN ISLANDS

NONE REPORTED.

VIRGINIA, East

Isle Of Wight County

Isle Of Wight

15 1723EST

0 0

Hail(0.75)

Isle Of Wight County

1 N Isle Of Wight

15 1745EST

0 0

Hail(1.00)

Hopewell (C)

Hopewell

19 1535EST

0 0

2K

Thunderstorm Wind

Trees and power lines down.

Prince George County

Prince George

19 1542EST

0 0

2K

Thunderstorm Wind

Trees down.

Virginia Beach (C)

Virginia Beach

19 1720EST

0 0

Hail(1.75)

Virginia Beach (C)

Virginia Beach

19 1730EST
1735EST

0 0

5K

Thunderstorm Wind (G61)^M

Roof and siding peeled off building at Back Bay Wildlife Refuge. Also, 60 to 70 mph measured winds and numerous trees down at False Cape State Park and Back Bay Wildlife Refuge.

Chesapeake (C)

Chesapeake

20 1600EST

0 0

Hail(0.75)

Prince Edward County

2 NW Briery

28 1655EST

0 0

2K

Thunderstorm Wind

Trees down.

Lunenburg County

8 NW Victoria

28 1730EST

0 0

Hail(1.00)

Lunenburg County

Victoria

28 1750EST

0 0

2K

Thunderstorm Wind

Trees down.

Dinwiddie County

Mc Kenney

28 1815EST

0 0

2K

Thunderstorm Wind

Trees down.

Mecklenburg County

South Hill

28 1820EST

0 0

Hail(1.75)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>VIRGINIA, East</u>									
Brunswick County									
3 E Valentines	28	1833EST			0	0			Hail(1.00)
Greensville County									
Barley	28	1835EST			0	0			Hail(1.00)
Greensville County									
2 SW Kingsberry to 4 N Skippers	28	1835EST	6	150	0	3	750K		Tornado (F1)
									Tornado (F1) destroyed 3 mobile homes, damaged 50 other homes, one business, and an apartment complex. Also, numerous trees were uprooted and snapped off.
Emporia County									
Emporia	28	1845EST			0	0			Hail(0.75)
Southampton County									
Boykins to Newsoms	28	1920EST			0	0	2K		Thunderstorm Wind
									Trees down.
<u>VIRGINIA, Extreme Southwest</u>									
Washington County									
Northeast Portion	17	2130EST 2145EST			0	0	5K		Flash Flood
									Several roads across the northeastern part of the county, including Tumbling Creek Road, Lindell Road, and Hayters Road, were under water in places.
Lee County									
3 W Jonesville	28	1420EST			0	0	5K		Hail(1.75)
									Nickle and golfball sized hail reported near Jonesville and Rose Hill
Scott County									
Gate City	28	1445EST			0	0	5K		Thunderstorm Wind
									Trees reported down in Gate City.
Washington County									
Benhams	28	1515EST			0	0	5K		Thunderstorm Wind
									Trees reported down in Benhams.
<u>VIRGINIA, North</u>									
Greene County									
Countywide	18	1230EST 1430EST			0	0			Lightning
									Three wildfires, a shed fire, and a tree fire were started by lightning.
Orange County									
Orange	18	1420EST			0	0	0.50K		Lightning
									Lighting caused an attic fire in a 4-unit apartment building.
Fredericksburg (C)									
Fredericksburg	18	1430EST 1530EST			0	0			Heavy Rain
									Heavy downpours flooded roads.
Spotsylvania County									
Countywide	18	1430EST 1530EST			0	0	75K		Lightning
									Six homes were damaged by lightning.
Spotsylvania County									
Countywide	18	1435EST 1450EST			0	0	5K		Thunderstorm Wind
									Scattered trees were downed.

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>VIRGINIA, North</u>									
Fredericksburg (C)									
Fredericksburg	18	1440EST			0	0	5K		Thunderstorm Wind
Trees and power lines were downed onto roads.									
Alexandria (C)									
Alexandria	18	1548EST			0	0	1K		Lightning
Lightning started a fire which damaged the roof of an apartment building.									
Scattered thunderstorms developed during the early afternoon across Northern Virginia. Some of the storms produced damaging winds, very heavy downpours, and frequent lightning. In Greene County, a handful of lightning fires were reported. A shed was struck and caught fire on Celt Road in Greene. Along Route 633 in Greene a tree caught on fire after being struck. In addition, lightning struck Brokenback Mountain and caused a 1 acre brush fire. In Albemarle County, lightning started at least 7 brush fire. In Orange County, lightning started an attic fire at a 4-unit apartment building on Oakbrook Drive in Orange. In Spotsylvania County, a home in Paytes was heavily damaged by a lightning fire. A residence on Buchanan Court was damaged by fire after lightning hit a tree and jumped to the gutter of the home. Other lightning strikes caused power outages and damaged a chimney. Heavy downpours flooded roads in Fredericksburg, including River Road which was closed by debris that was deposited on the pavement by rushing water. Pea sized hail was also reported. High winds downed scattered trees and power lines across Spotsylvania County, including a few that fell onto roads in Fredericksburg. In Alexandria, a lightning fire damaged the roof of an apartment building on Duke Street.									
Prince William County									
Southeast Portion	19	1345EST			0	0	0.50K		Thunderstorm Wind
Two large trees were downed onto Route 619 (Joplin Rd.).									
Fairfax County									
1 N Ravenwood	19	1407EST			0	0			Hail(0.75)
Dime sized hail was reported in Seven Corners.									
Scattered thunderstorms moved through Fairfax, Prince William, and Arlington Counties during the afternoon of the 19th. These storms produced high winds, heavy downpours, and hail. About 5000 regional customers lost power as a direct result of the storms. In Prince William County, two large tree were downed onto Route 619 (Joplin Rd.) in the southeast portion of the county. In Fairfax County, dime sized hail fell in Seven Corners. In Arlington County, flooding was reported on Interstate 66 where water from Spout Run spilled onto the road.									
Highland County									
Countywide	28	0300EST 0800EST			0	0			Heavy Rain
Routes 220 and 84 were flooded by heavy rainfall.									
Showers and thunderstorms with heavy downpours moved through Highland County during the early morning hours of the 28th. County officials reported flooding on Routes 220 and 84 as the storms moved through. Rainfall totals included 2.40 inches in Mustoe, 2.08 inches in McDowell, 1.80 inches in Back Creek, and 1.76 inches in Monterey.									
Fairfax County									
Oakton	28	0810EST			0	0	1.2M		Lightning
Lightning started a fire which destroyed an office building.									
A thunderstorm which moved through Fairfax County around 9 AM EDT on the 28th caused a lightning strike that started a fire at an office building in Oakton. The structure on Hunter Mill Road was burnt to the ground, resulting in \$1.2 million in damage.									
Rockingham County									
Berpton	28	1541EST			0	0			Hail(0.75)
Dime sized hail was reported.									
Shenandoah County									
1 E Quicksburg to 5 E Quicksburg	28	1555EST 1603EST	4	75	0	2	1.6M		Tornado (F2)

Storm Data and Unusual Weather Phenomena

April 2002

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

VIRGINIA, North



Photo of Shenandoah County tornado moving east after it crossed Interstate 81. (by Joe Stegle)

A tornado injured 2 people, destroyed 4 homes, damaged 56 additional homes and 36 agricultural structures, downed numerous trees, and blew over a tractor-trailer on Interstate 81.

Page County									
Rileyville	28	1620EST			0	0			Hail(1.75)
			Golf ball sized hail fell.						
Page County									
Stanley	28	1620EST			0	0	1K		Thunderstorm Wind
			Power lines were downed.						
Culpeper County									
Norman	28	1700EST			0	0	0.50K		Thunderstorm Wind
			A tree was downed onto Route 522 near Route 633.						
Fauquier County									
Fauquier Sulphur Spg	28	1705EST			0	0			Funnel Cloud
			A funnel cloud was photographed from a hill near Fauquier Springs.						
Fauquier County									
5 W Warrenton	28	1706EST			0	0	5K		Thunderstorm Wind
			A large tree and utility poles were downed onto Harts Mill and Spriggs roads.						
Fauquier County									
New Baltimore	28	1710EST			0	0			Hail(0.75)
			Dime sized hail fell.						
Prince William County									
Woodbridge	28	1730EST			0	0			Hail(1.00)
			Quarter sized hail was reported.						
Manassas (C)									
Manassas	28	1735EST			0	0			Hail(1.00)
			Quarter sized hail fell.						
Prince William County									
Dale City	28	1735EST			0	0			Hail(1.75)
			Golfball sized hail caused property damage.						
			A long-lived supercell thunderstorm formed over northwest Rockingham County during the afternoon of the 28th. This severe storm moved east at 45 MPH, damaging property all of the way to the Potomac River. This same storm later produced a devastating F4						

Storm Data and Unusual Weather Phenomena

April 2002

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

VIRGINIA, North

tornado in La Plata, MD. While the storm moved through North Central Virginia, it produced an F2 tornado in Shenandoah County, a significant funnel cloud in Fauquier County, large hail, heavy downpours, and scattered wind damage.

In Shenandoah County, an F2 tornado touched down just east of Quicksburg near the intersection of Quicksburg Road and Old Bridge Road. The tornado stayed on the ground for 4 miles before it dissipated while moving up the west side of Massanutten Mountain. The twister was estimated to be about 75 yards wide and it caused a total of \$1.6 million in damage. Along the path of the tornado, three residential structures were destroyed, 12 structures were heavily damaged, and 15 had minor damage. Four poultry houses and 15 barns were destroyed. Five poultry houses, two silos, and a mile of fencing was also damaged. On Old Bridge Road, a silo and three barns were damaged. Airborne roof debris and high winds hit a tractor-trailer on I-81 and caused it to flip onto its side. The driver of the tractor-trailer was treated for minor injuries.

The tornado moved across I-81 and Route 11 into the Kay Hill subdivision. Homes were damaged and trees were downed on Lower and Upper Forge Road. A mobile home on Mantz Drive was destroyed. The tornado moved east across Smith Creek to Smith Creek Road and Franwood Lane where it caused significant damage. A two-story home just off Smith Creek Road was severely damaged by debris from a neighbor's 60-foot-high grain silo. A woman inside the structure was treated for bruises. On Franwood Lane, two turkey houses were destroyed and four were severely damaged. One dog that lived on the property was killed and another was injured. A cat was never found. A shed was damaged and work equipment was scattered across the property. At Franwood Farms Airport, 5 people took shelter from the storm in a hangar. A person in the hangar said the walls kept coming closer together as the tornado approached and eventually the roof blew off the building. The tornado also flipped a plane on the landing strip. The tornado's path was visible up to two miles east of Franwood Farms through a path of damaged trees in the forest. The path of tree damage ended as the topography sloped up Massanutten Mountain into George Washington National Forest. In addition, an orchard west of Mt. Jackson just north of the tornado's path, sustained hail damage.

In Rockingham County, dime sized hail fell in Bergton for ten minutes. In Page County, golf ball sized hail fell in Rileyville. Power lines were downed in Stanley. In Culpeper County, a tree was downed onto Route 522 near Route 633 in Norman. In Fauquier County, a funnel cloud was photographed by a meteorologist on a hill near Fauquier Springs. The time series of photos shows the funnel never reaching the ground. High winds downed a large tree and utility poles onto Harts Mill and Spriggs roads about 5 miles west of Warrenton. In New Baltimore, dime sized hail was reported. In Prince William County, quarter sized hail fell in Woodbridge and Manassas. Golf ball sized hail caused property damage in Dale City. A total of 2.20 inches of rain fell in Canova as the storm passed through.

VIRGINIA, Northwest

VAZ003>004

Dickenson - Buchanan

16	1200EST								
	1800EST			0	0				Record Warmth

Afternoon temperatures reached into the mid 80s to near 90 degrees. Grundy measured 90 degrees. Clintwood had 88 degrees, while Breaks Interstate Park had 87 degrees.

VIRGINIA, Southwest

Patrick County

1 E Stuart

17	1240EST								
				0	0				Hail(0.75)

Grayson County

Central Portion

17	1700EST								
	1730EST			0	0	0			Flash Flood

Amherst County

7 NW Amherst

17	1800EST								
	1900EST			0	0	0			Flash Flood

Thunderstorms during the afternoon of the 17th produced flash flooding and hail up to dime size.

Heavy thunderstorm rains washed out several gravel roads in central Grayson County and caused streams 7 miles northwest of Amherst to flash flood.

Montgomery County

Blacksburg

19	1230EST								
				0	0	0			Thunderstorm Wind

Thunderstorm winds on the 19th downed large tree limbs in Blacksburg.

Storm Data and Unusual Weather Phenomena

April 2002

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									
3 SE Blacksburg	19	1305EST 1325EST			0	0	0		Urban/Sml Stream Fld
Heavy thunderstorm rains caused minor flooding of Cedar Run onto Ellett Road, 3 miles southeast of Blacksburg.									
Craig County									
3 W New Castle	28	1458EST			0	0			Hail(1.75)
Botetourt County									
Fincastle	28	1503EST			0	0			Hail(1.50)
Botetourt County									
Lithia	28	1510EST			0	0			Hail(1.00)
Botetourt County									
10 N Troutville	28	1515EST			0	0			Hail(1.00)
Craig County									
New Castle	28	1515EST			0	0	10K		Hail(1.75)
Giles County									
Pearisburg	28	1515EST			0	0			Hail(0.88)
Salem (C)									
Salem (C)	28	1520EST			0	0			Hail(1.00)
Wythe County									
Wytheville	28	1530EST			0	0			Hail(0.88)
Bedford County									
Bedford City to .5 E Bedford City	28	1531EST 1532EST	0.5	100	0	0	1.2M		Tornado (F1)
A tornado formed in Bedford City and traveled east 1/2 mile before dissipating. The tornado destroyed four businesses and damaged 25 homes, 58 businesses, several dozen vehicles, and one church.									
Bedford County									
.5 ESE Bedford City to 8 ESE Bedford City	28	1532EST 1543EST			0	0	0		Thunderstorm Wind
Bedford County									
Goode	28	1540EST			0	0			Hail(0.75)
Bedford County									
8 ESE Bedford City to 13 ESE Bedford City	28	1543EST 1550EST	5	150	0	1	3M		Tornado (F2)
A second tornado developed 8 miles east-southeast of Bedford City in Bedford County and remained on the ground for 5 miles before crossing over into Campbell County. This tornado injured one person, destroyed seven homes, three businesses, and about two dozen farm buildings. The tornado damaged about 129 other homes, 39 businesses, and a tractor trailer. Numerous trees were toppled.									
Campbell County									
10.5 WNW Rustburg to 5.5 WNW Rustburg	28	1550EST 1557EST	5	100	0	11	3M		Tornado (F2)
The second tornado continued in Campbell County for about 5 miles before lifting about 5.5 miles west-northwest of Rustburg in Campbell County. This tornado injured 11 people, destroyed 15 homes, three businesses, and a church. The tornado damaged over 200 other homes, six businesses, two churches, 20 recreational vehicles, and several automobiles. Numerous trees were toppled. Some of the trees landed on homes, and two landed on vehicles.									
Campbell County									
5.5 WNW Rustburg to Rustburg	28	1557EST 1605EST			0	0	200K		Thunderstorm Wind
Bedford County									
Forest	28	1558EST			0	0			Hail(0.75)
Campbell County									
Rustburg	28	1600EST			0	0			Hail(1.75)

Storm Data and Unusual Weather Phenomena

April 2002

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>									
Lynchburg (C)									
Lynchburg	28	1600EST			0	0			Hail(1.75)
Appomattox County									
6.5 N Evergreen	28	1615EST			0	0			Hail(0.75)
Charlotte County									
Cullen	28	1635EST			0	0			Hail(0.88)
Charlotte County									
Red Oak	28	1635EST			0	0			Hail(0.88)
Charlotte County									
Keysville	28	1645EST			0	0	0		Thunderstorm Wind
Pittsylvania County									
Hurt	28	1650EST			0	0			Hail(1.00)
Martinsville (C)									
Martinsville	28	1700EST			0	0			Hail(1.75)
Charlotte County									
5 W Charlotte Court Ho	28	1702EST			0	0			Hail(0.88)
Halifax County									
Clover	28	1715EST			0	0	0		Thunderstorm Wind
Halifax County									
9 NE Halifax	28	1715EST			0	0			Hail(1.00)
Halifax County									
Halifax	28	1715EST			0	0	0		Thunderstorm Wind
Halifax County									
Volens	28	1715EST			0	0			Hail(0.75)
Halifax County									
Halifax	28	1725EST			0	0			Hail(0.75)
Halifax County									
Nathalie	28	1730EST			0	0			Hail(1.75)
Danville (C)									
Danville	28	1738EST			0	0			Hail(0.88)
Charlotte County									
3 N Red Oak	28	1740EST 1745EST			0	0			Hail(0.75)
Danville (C)									
Danville	28	1740EST			0	0	0.20K		Thunderstorm Wind
Tazewell County									
Bluefield	28	1830EST 1835EST			0	0			Hail(1.00)
Bland County									
Rocky Gap	28	1845EST			0	0			Hail(0.75)
Pulaski County									
Dublin	28	1905EST			0	0			Hail(1.75)
Pulaski County									
Pulaski	28	1905EST			0	0			Hail(1.00)
Floyd County									
Willis	28	1920EST			0	0	0		Thunderstorm Wind
Montgomery County									
Riner	28	1930EST			0	0			Hail(0.88)

Thunderstorms during the afternoon and evening of the 28th produced two tornadoes, damaging winds, and hail up to golfball size.

Storm Data and Unusual Weather Phenomena

April 2002

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

VIRGINIA, Southwest

A tornado formed in Bedford City and traveled east one half mile before dissipating. The storm then produced sporadic wind damage for about the next 7.5 miles or from .5 east-southeast of Bedford City to 8 east-southeast of Bedford City, causing mainly damage to trees and power lines. A second tornado developed 8 miles east-southeast of Bedford City in Bedford County and remained on the ground for 10 miles before lifting about 5.5 miles west-northwest of Rustburg in Campbell County. Sporadic wind damage then occurred from 5.5 west-northwest of Rustburg to Rustburg. These winds destroyed several mobile homes, damaged about two dozen other mobile homes and knocked down trees.

Many vehicles had windows broken out by hail in New Castle.

Thunderstorm winds downed trees onto Route 40 in Keysville, downed trees in Halifax, snapped a power pole in Danville, downed trees in Clover, and downed trees onto Reed Lane in Willis.

Halifax County

Halifax

30	1400EST	0	0	3K	Dust Devil
-----------	----------------	----------	----------	-----------	-------------------

An intense dust devil violently blew around debris and broke out windows in 3 vehicles in an office parking lot.

WASHINGTON, Northeast

WAZ032-036-042

Lower Garfield & Asotin - Spokane Area - East Slopes Northern Cascades

14	0300PST 1800PST	0	0	10K	High Wind (G87)^M
-----------	----------------------------------	----------	----------	------------	------------------------------------

Strong jet stream winds pushed a cold front across eastern Washington on the morning of April 14, bringing high wind in several locations. In Chelan County, the avalanche sensor atop Mission Peak (elevation 6740 feet southwest of Wenatchee) measured a peak wind gust to 100 mph at 500 AM PDT. The high winds also toppled trees into power lines with several power outages around Chelan County. Wind-related power outages were reported around Lake Wenatchee, Leavenworth, Manson and Chelan. Further east, the ASOS at Spokane International Airport measured sustained winds as high as 43 mph with a peak gust to 48 mph. In the Clarkston area, the Lewiston airport measured sustained winds as high as 41 mph and a peak wind gust to 54 mph.

WAZ032

Lower Garfield & Asotin

14	0924PST 2300PST	0	0		Flood
-----------	----------------------------------	----------	----------	--	--------------

Several days of warm weather, wind and rain caused rapid mid-elevation snowmelt. This pushed the Grande Ronde River into flood. Nearby at Troy, Oregon, the river passed its flood stage of 10.0 feet, cresting at 10.44 feet at 530 PM PDT before falling back below flood stage.

WAZ034-036-043>044

Moses Lake Area - Spokane Area - Okanogan Valley - Waterville Plateau

22	1200PST 2200PST	0	0	18K	High Wind (G67)^M
-----------	----------------------------------	----------	----------	------------	------------------------------------

Strong westerly jet stream winds sinking south from Canada brought high wind to parts of eastern Washington on April 22.

At 150 PM and 237 PM PDT, a school net site near Mansfield in Douglas County measured sustained winds of 40 mph. Wind blew power lines off insulators in the Saint Andrews area of eastern Douglas County, causing a power outage there.

At 352 PM PDT, the ASOS at the Grant County Airport (5 NNW Moses Lake) measured sustained winds of 43 mph with gusts to 48 mph, reducing the visibility to one mile in blowing dust.

At 356 PM PDT, the ASOS at the Spokane International Airport measured sustained winds of 41 mph with gusts to 50 mph reducing the visibility to 3 miles in blowing dust. Also in the Spokane area, a 75-foot tall pine tree was blown over near Whitworth College onto a residential fence. Just south of Spokane around 500 PM PDT, large pine trees were blown down near 61st and Yale at the same time that a nearby school net site measured sustained winds of 40 mph. The wind was responsible for power outages in the Seven Mile area northwest of Spokane.

Later in the evening at 841 PM PDT near Oroville (in the northern Okanogan Valley), a RAWS site there measured a wind gust to 77 mph. The wind caused damage to power lines and caused power outages in the Aeneas Valley and Tunk Creek areas.

Storm Data and Unusual Weather Phenomena

April 2002

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

WASHINGTON, Northwest

WAZ001>010-015>016 **San Juan - Western Whatcom - Northern Casade Foothills - Central Casade Foothills - Northwest Interior - Everett And Vicinity - Seattle Metropolitan Area - Tacoma Area - Admiralty Inlet Area - Hood Canal/Kitsap Peninsula - North Coast - Central Coast**

13	2200PST				0	0	8M		High Wind (G55)^M
14	0400PST								

Strong winds blew over most of Western Washington, knocking out power to about 40,000 customers. There were several reports of houses damaged by fallen trees as well as trees down over roadways.

WASHINGTON, Southeast

WAZ025 **East Slopes Southern Cascades**

14	0300PST				0	0			Flood
	1147PST								

Roads washed out and trees down due to flooding at Elk Meadows northwest of Cle Elum.

WAZ025 **East Slopes Southern Cascades**

14	0330PST				0	0			High Wind (G52)
	1130PST								

High wind destroyed historical bell tower and downed trees and power lines in Roslyn.

WAZ027 **Yakima Valley**

14	0330PST				0	0	100K		High Wind (G57)
	0700PST								

High winds downed large trees causing damage to home. Also damaged farm structures...which killed five cows.

WAZ025 **East Slopes Southern Cascades**

22	1600PST				0	0			High Wind (G52)
	1900PST								

High wind knocked down a fence onto a parked vehicle in South Cle Elum, causing damage to both.

WASHINGTON, Southwest

NONE REPORTED.

WEST VIRGINIA, East

WVZ048-055 **Grant - Hardy**

22	0320EST				0	0			Flood
23	0600EST								

The south branch of the Potomac River overflowed its banks in Petersburg.

Heavy rainfall over the headwaters of the south branch of the Potomac River caused the waterway to rise above flood stage in Grant and Hardy Counties. In Petersburg, where flood stage is 10 feet, the river crested at 10.8 feet at 7 AM EDT on the 22nd. It rose above flood stage on the 22nd at 3:20 AM and dropped below flood stage at 11:15 AM. In Springfield, where flood stage is 15 feet, the river crested at 17.49 feet at 1 AM on the 23rd. The river rose above flood stage at 4:30 PM on the 22nd and dropped below flood stage at 6 AM on the 23rd.

Grant County

Lahmansville	28	1611EST			0	0	0.50K		Thunderstorm Wind
---------------------	----	---------	--	--	---	---	-------	--	--------------------------

A power pole was downed.

Morgan County

Berkeley Spgs	28	1620EST			0	0	0.50K		Thunderstorm Wind
----------------------	----	---------	--	--	---	---	-------	--	--------------------------

A tree fell onto a power line at a mobile home park.

Berkeley County

Gerrardstown	28	1645EST			0	0	0.50K		Thunderstorm Wind
---------------------	----	---------	--	--	---	---	-------	--	--------------------------

A tree was downed.

Berkeley County

Martinsburg	28	1645EST			0	0	1K		Thunderstorm Wind
--------------------	----	---------	--	--	---	---	----	--	--------------------------

A utility pole was partially lifted out of the ground.

Storm Data and Unusual Weather Phenomena

April 2002

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

WEST VIRGINIA, East

Jefferson County

Countywide	28	1700EST			0	0	5K		Thunderstorm Wind
------------	----	---------	--	--	---	---	----	--	-------------------

Numerous trees were downed.

Jefferson County

Rippon	28	1700EST			0	0	20K		Thunderstorm Wind
--------	----	---------	--	--	---	---	-----	--	-------------------

High winds ripped the roof off a large hay barn.

Thunderstorms with high winds moved through the Eastern Panhandle between 5 and 7 PM EDT on the 28th. In Grant County, a power pole was downed in Lahmansville. Hail was reported in Mt. Storm. In Morgan County, a tree fell onto a power line in the McCumbee Mobile Home Park in Berkeley Springs. In Berkeley County, a tree was downed in the Gerradstown area. In Martinsburg, a utility pole was lifted partially out of the ground behind Berkeley Heights Elementary School. In Jefferson County, numerous trees were downed. The roof of a large hay barn was blown off in Rippon.

WEST VIRGINIA, North

Hancock County

New Cumberland	19	1745EST			0	0			Hail(0.75)
----------------	----	---------	--	--	---	---	--	--	------------

Marion County

Worthington	19	2200EST			0	0			Flood
-------------	----	---------	--	--	---	---	--	--	-------

Heavy thunderstorm rains produced minor road flooding in the Worthington area.

Wetzel County

Paden City	21	1923EST			0	0			Hail(1.00)
------------	----	---------	--	--	---	---	--	--	------------

Wetzel County

New Martinsville	21	1928EST			0	0			Hail(0.75)
------------------	----	---------	--	--	---	---	--	--	------------

WVZ041

Tucker

22	0830EST	1300EST			0	0			Flood
----	---------	---------	--	--	---	---	--	--	-------

Heavy thunderstorm rains over northern West Virginia produced minor flooding on the Cheat River at Parsons. The Cheat River rose just above the flood stage of 13.0 feet, cresting at 13.1 feet at 11:00 AM on April 22nd.

Hancock County

Chester	28	1400EST			0	0	5K		Thunderstorm Wind
---------	----	---------	--	--	---	---	----	--	-------------------

Thunderstorm winds downed several large trees and power lines.

Hancock County

Weirton	28	1400EST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Marshall County

.5 NE St Joseph to 1 NW Millsboro	28	1415EST 1420EST	1	150	0	0	100K		Tornado (F1)
--------------------------------------	----	--------------------	---	-----	---	---	------	--	--------------

An F1 tornado touched down about one-half mile northeast of the town of St. Joseph in southeast Marshall County. It traveled about 1 mile before dissipating. The estimated maximum winds were about 100 MPH with a maximum width of about 150 yards. The tornado destroyed a barn and damaged several others. Shingles were blown from a house. There were numerous trees toppled or snapped. This storm also produced very large hail of up to 2.5 inches as it passed through counties to the west.

Tucker County

Davis	28	1500EST			0	0			Hail(1.75)
-------	----	---------	--	--	---	---	--	--	------------

Tucker County

Davis	28	1615EST			0	0			Hail(0.75)
-------	----	---------	--	--	---	---	--	--	------------

WEST VIRGINIA, Southeast

Summers County

5 NE Hinton	28	1403EST			0	0			Hail(1.00)
-------------	----	---------	--	--	---	---	--	--	------------

Mercer County

Camp Creek	28	1415EST			0	0			Hail(1.75)
------------	----	---------	--	--	---	---	--	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

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

WEST VIRGINIA, Southeast

Monroe County									
Rock Camp	28	1415EST			0	0			Hail(1.00)
Summers County									
14 E Hinton	28	1418EST			0	0			Hail(1.00)
Monroe County									
West Portion	28	1440EST 1445EST			0	0	0		Thunderstorm Wind
Mercer County									
Bluefield	28	1500EST			0	0			Hail(1.50)
Mercer County									
Princeton	28	1515EST			0	0	0		Thunderstorm Wind
Monroe County									
Lindside	28	1515EST			0	0	0		Thunderstorm Wind
Monroe County									
Wolf Creek	28	1515EST			0	0	0		Thunderstorm Wind

Thunderstorm winds on the 28th produced damaging winds and hail up to golfball size.

Thunderstorm winds downed trees in western Monroe County, then again in Lindside and Wolf Creek, and downed large trees in Princeton.

WEST VIRGINIA, West

WVZ015-035>038-046>047	Kanawha - Raleigh - Fayette - Nicholas - Webster - Pocahontas - Randolph								
	06	0100EST 0800EST			0	0			Snow
	A predawn snow left 1 to 3 inches of accumulation on the ground. Richwood, Summersville, Hawks Nest, and Mt Nebo all reported 3 inches of snow on the ground at dawn. Charleston had 2 inches of snow accumulation.								
WVZ046>047	Pocahontas - Randolph								
	07	0300EST 0800EST			0	0			Cold
	Dawn temperatures reached 14 degrees at Gladly and Marlinton. Frost and Bartow both had 16 degrees.								
WVZ005>011-013>020-024>040-046>047	Wayne - Cabell - Mason - Jackson - Wood - Pleasants - Tyler - Lincoln - Putnam - Kanawha - Roane - Wirt - Calhoun - Ritchie - Doddridge - Mingo - Logan - Boone - Clay - Braxton - Gilmer - Lewis - Harrison - Taylor - McDowell - Wyoming - Raleigh - Fayette - Nicholas - Webster - Upshur - Barbour - Pocahontas - Randolph								
	16	1200EST 1800EST			0	0			Record Warmth
	Afternoon temperatures reached into the mid 80s to the lower 90s, for most communities. The warmest temperature was 93 degrees from Hamlin on Lincoln County. The 84 degrees at Beckley, the 85 degrees at Elkins, the 88 degrees at Huntington and Parkersburg, and the 89 degrees at Charleston were all records for the date. Some of the other maximum temperatures included 90 degrees at Glenville and 88 degrees at Clarksburg.								
Jackson County	Gay								
	21	2015EST			0	0			Thunderstorm Wind (G52)
WVZ007>008-016-018-028-038-047	Mason - Jackson - Roane - Calhoun - Braxton - Webster - Randolph								
	21 22	2100EST 0600EST			0	0			Flood
	Rains along a warm frontal zone, were 1.5 to 3.5 inches during an 18 hour period on the 21st. Hacker Valley and Pickens both measured 3.2 inches of rain. Ripley saw 2.9 inches of rain. Kumbrow State Forest and Spencer both had around 2.7 inches of rain. Webster Springs and Snowshoe had about 2.2 inches of rain. Small streams overflowed and blocked normal low spots and flooded some basements. Strong rises occurred on the Little Kanawha, Tygart Valley, and Greenbrier Rivers. Despite levels at Belington cresting slightly over the 14 foot flood stage, no significant flooding occurred.								
Calhoun County	Grantsville								
	28	0600EST			0	0	1K		Thunderstorm Wind
	Large trees were blown over.								

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>WEST VIRGINIA, West</u>									
WVZ007>008-010-014>016-027-037>038-046>047									
	28	0600EST 1000EST			0	0	40K		Flood
Wayne County									
Crum	28	1220EST			0	0			Hail(0.75)
Logan County									
Chapmanville	28	1240EST			0	0			Hail(0.75)
Boone County									
Madison	28	1245EST			0	0	5K		Hail(1.50)
Logan County									
Logan	28	1250EST			0	0	15K		Hail(1.25)
Mingo County									
Williamson	28	1315EST			0	0	20K		Hail(1.50)
Raleigh County									
Beckley	28	1335EST			0	0	700K		Hail(1.75)
Wyoming County									
Oceana	28	1345EST			0	0			Hail(1.00)
Mingo County									
Williamson	28	1350EST			0	0	5K		Hail(1.00)
Lewis County									
6 S Weston	28	1400EST			0	0	10K		Hail(2.00)
Lewis County									
Weston	28	1400EST			0	0	10K		Hail(1.25)
Wood County									
Parkersburg	28	1400EST			0	0	10K		Hail(1.00)
Wyoming County									
1 SE Saulsville	28	1405EST			0	0			Hail(1.00)
			Park officials at Twin Fall State Park reported quarter size hail.						
Pleasants County									
St Marys	28	1410EST			0	0			Hail(0.75)
Barbour County									
Junior	28	1420EST			0	0	10K		Hail(1.00)
Upshur County									
Buckhannon	28	1420EST			0	0	5K		Hail(1.00)
Wyoming County									
Pineville	28	1420EST			0	0	5K		Hail(1.25)
Wyoming County									
Mullens	28	1425EST			0	0	5K		Hail(1.25)
Randolph County									
Gilman	28	1430EST			0	0			Hail(0.88)
Ritchie County									
Ellenboro	28	1445EST			0	0	10K		Hail(1.75)
Harrison County									
Clarksburg	28	1459EST			0	0			Hail(0.88)
Doddridge County									
3 E Smithburg	28	1500EST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena

April 2002

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

WEST VIRGINIA, West

Harrison County							
West Milford	28	1510EST			0	0	Hail(1.00)
Gilmer County							
Gilmer	28	1540EST			0	0	5K Hail(1.50)
Braxton County							
Burnsville	28	1545EST			0	0	5K Hail(1.50)
Barbour County							
Philippi	28	1550EST			0	0	Hail(1.25)
Lewis County							
Roanoke	28	1550EST			0	0	10K Hail(1.75)
Upshur County							
French Creek	28	1550EST			0	0	Hail(0.88)
Randolph County							
Dailey	28	1614EST			0	0	Hail(0.75)

Rains of 1.5 to 3 inches fell in less than 12 hours, on saturated ground, during the early morning hours. The rains were associated with a warm front. Webster Springs had 2.9 inches of rain, Southside measured 2.3 inches, Clendenin reported 2 inches, while Bartow had 1.7 inches of rain. Minor flooding of small streams closed roads. At the Haines Branch in northern Kanawha County, 5 feet of water covered the exit off of Interstate 77. A few houses were surrounded by water in Randolph and Nicholas Counties. An indirect fatality occurred later in the day. A 30 year old kayaker drowned in the Shavers Fork below Bemis. The river had swollen to about 3/4 bankfull, from the earlier rains, but the river was not in flood.

After the morning rains, a cold front sweep through West Virginia during the afternoon. Large hail was common with the strongest thunderstorms. The most hail damage appeared to be in Raleigh County, including the Beckley vicinity. Numerous vehicles were dented, including 70 new cars at a dealership.

WISCONSIN, Extreme Southwest

NONE REPORTED.

WISCONSIN, Northeast

WIZ018-018-030	Lincoln - Marathon				0	0	Flood
	10	1931CST					
	15	1000CST					

Warm temperatures during the second week of the month led to significant runoff from snow melt over the northeast Wisconsin. The melted snow plus additional rainfall resulted in minor flooding in the Wisconsin river basin (Lincoln co. and Marathon co.). A boat landing and some low areas on a county highway became covered by water but flooding mainly affected agricultural land and parks.

Oneida County	East Portion				0	0	Flood
	11	1130CST					
		2300CST					

Florence County	Countywide				0	0	Flood
	11	1600CST					
	12	1050CST					

Forest County	Countywide				0	0	Flood
	11	1600CST					
	12	1050CST					

Significant rainfall and snow melt resulted in the flooding of roads and low lying areas across north-central Wisconsin.

WIZ012>013	Florence - Marinette				0	0	1.3K Flood
	14	1621CST					
	28	1700CST					

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>WISCONSIN, Northeast</u>									
Warm temperatures during the second week of the month led to significant runoff from snow melt over the northeast Wisconsin. The melted snow plus additional rainfall resulted in moderate flooding in the Brule/Menominee river basin (Florence co. and Marinette co.). Flooding was mostly to boat docks, piers and wooded areas, but homes in Aurora (Florence co.) were flooded as the Menominee river rose to more than 3 feet above flood stage.									
Waupaca County									
Waupaca	18	1235CST			0	0			Hail(0.88)
Oneida County									
10 SW Hazelhurst	18	1515CST			0	0			Hail(1.25)
Vilas County									
Lac Du Flambeau	18	1522CST			0	0			Hail(1.00)
Lincoln County									
7 N Spirit Falls	18	1524CST			0	0			Hail(1.50)
Lincoln County									
7 WNW Bloomville to 7 NW Bradley	18	1530CST			0	0			Hail(3.00)
Oneida County									
5 W Harshaw	18	1541CST			0	0			Hail(1.75)
Lincoln County									
2 W Bradley	18	1549CST	0.1	25	0	0			Tornado (F0)
Oneida County									
4 W Rhinelander	18	1550CST			0	0			Hail(1.75)
Oneida County									
6 SW Woodboro	18	1557CST	0.1	25	0	0			Tornado (F0)
Vilas County									
Manitowish Waters	18	1610CST			0	0			Hail(0.75)
Oneida County									
4 E Rhinelander	18	1633CST	0.1	25	0	0			Tornado (F0)
Marathon County									
Abbotsford	18	1635CST			0	0			Hail(1.00)
Forest County									
3 N Crandon	18	1710CST			0	0			Thunderstorm Wind (G50)
Marathon County									
5 N Abbotsford	18	1718CST			0	0			Hail(0.75)
Marathon County									
4 W Fenwood	18	1720CST			0	0			Hail(0.75)
Marathon County									
Spencer	18	1737CST			0	0			Hail(0.75)
Vilas County									
Boulder Jct	18	1810CST			0	0			Hail(1.75)
Marathon County									
3 SE Strafford to 6 NW Mosinee Centrl W	18	1813CST 1827CST	14	100	0	0	1.4M	32K	Tornado (F1)
Oneida County									
5 WSW Woodboro	18	1815CST			0	0			Hail(1.00)
Marathon County									
6 W Mosinee Centrl Wis	18	1822CST			0	0			Thunderstorm Wind (G65)
Wood County									
Wisconsin Rapids	18	1830CST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>WISCONSIN, Northeast</u>									
Marathon County									
6 SSW (Auw)Wausaw M	18	1832CST	0.1	25	0	0			Tornado (F0)
Portage County									
Plover to Custer	18	1845CST			0	0			Thunderstorm Wind (G50)
Marathon County									
Pike Lake	18	1850CST			0	0			Thunderstorm Wind (G60)
Shawano County									
Wittenberg	18	1855CST			0	0			Thunderstorm Wind (G55)
Lincoln County									
15 W Tomahawk	18	1910CST			0	0			Hail(0.88)
Menominee (C)									
Keshena	18	1910CST			0	0			Thunderstorm Wind (G50)
Shawano County									
Shawano	18	1910CST			0	0			Thunderstorm Wind (G50)
Outagamie County									
1 E New London	18	1916CST			0	0			Thunderstorm Wind (G50)
Winnebago County									
Omro to Oshkosh	18	1940CST 1955CST			0	0			Hail(0.88)
Calumet County									
5 NW Brillion	18	2005CST			0	0			Hail(0.75)
Calumet County									
Brothertown	18	2010CST			0	0	1K		Thunderstorm Wind (G50)
Manitowoc County									
Shoto	18	2025CST			0	0			Hail(0.75)
Manitowoc County									
Manitowoc	18	2030CST			0	0			Thunderstorm Wind (G50)
Calumet County									
Chilton	18	2035CST			0	0			Hail(0.88)
Calumet County									
Chilton	18	2035CST			0	0	5K		Thunderstorm Wind (G55)
Oneida County									
Central Portion	18 19	2050CST 0050CST			0	0	16.2K		Urban/Sml Stream Fld
Marinette County									
Niagara	18 19	2100CST 0100CST			0	0			Urban/Sml Stream Fld
<p>A warm front across Wisconsin lifted north during the afternoon and evening. Moist and very unstable air south of the front led to the development of severe thunderstorms. The storms produced 5 tornadoes, damaging straight line winds, large hail and some flooding.</p> <p>Brief tornado touchdowns in Lincoln county, Oneida county and Marathon county snapped numerous trees. Marathon county had hundreds of trees downed and numerous barns and farm sheds destroyed by a combination of straight line winds and a tornado that remained on the ground for 14 miles. Plows had to be used in Marathon county to clear trees from some of the roads.</p> <p>Other storms across central, north-central and east-central Wisconsin downed numerous trees, dropped hail as large as 3 inches in diameter, in Lincoln county, and flooded roads and basements in the Niagara (Marinette co.) and Rhinelander (Oneida co.) areas.</p>									
Marathon County									
10 SE Wausau	24	0425CST			0	0			Hail(0.75)
Langlade County									
Pearson	24	0630CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

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

WISCONSIN, Northeast

Thunderstorms dropped some large hail as they moved across central Wisconsin during the early morning hours.

WIZ010>013-018>019-021 Oneida - Forest - Florence - Marinette - Lincoln - Langlade - Oconto

27	1500CST				0	0			Heavy Snow
28	0100CST								

Heavy snow fell across much of northern Wisconsin as a strong low pressure system moved through the state. Lightning and 1 to 2 inch per hour snowfall rates were observed with this storm system. Six to 20 inches of wet snow downed trees and power lines, causing power outages to about 40,000 customers. Heaviest snowfall totals were 20 inches at Elcho (Langlade co.), 16.0 inches at 6 miles southwest of Laona (Forest co.), 14.5 inches at Summit Lake (Langlade co.), 11 inches at Crandon (Forest co.) and 10 inches at Midget Lake (Oneida co.).

WISCONSIN, Northwest

WIZ004

Iron

12	0800CST				0	0	1.3M		Flood
19	0800CST								

Rapid snowmelt and heavy rain sent the Montreal River out of its banks, flooding three houses and five businesses in Hurley. The snowmelt and rain caused numerous creeks and streams to flood. Seventy percent of Iron County's roads were closed due to high water.

WIZ008

Sawyer

14	0800CST				0	0	50K		Flood
19	0800CST								

Dense snowpack, temperatures in the 80s, and 3 inches of rain contributed to widespread flooding in parts of Sawyer County. Moose Lake, a flowage of the Chippewa River, was at its highest level since 1941. Many boathouses and cabins on Moose Lake were flooded. Although numerous roads were covered with water, damage was minimal.

WIZ003

Ashland

14	1800CST				0	0	189K		Flood
18	1800CST								

Dense snowpack, temperatures in the 80s, and heavy rain contributed to widespread flooding in central and southern Ashland County. Both the Bad and Chippewa Rivers flooded, closing roads in Mellin and Glidden. In Glidden, 20 homes and businesses were damaged by floodwaters of the north fork of the Chippewa River. A 100-yard stretch of Highway 13 was closed due to high water. Highway 169 between Mellin and U.S. Highway 2 was closed. Other small streams and creeks overflowed their banks and caused minor lowland flooding.

Burnett County

Grantsburg	18	0130CST			0	0			Hail(1.00)
-------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Price County

Prentice	18	1440CST			0	0			Hail(0.75)
-----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Price County

Brantwood	18	1452CST			0	0			Hail(1.00)
------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Price County

3 NW Prentice	18	1528CST			0	0			Hail(1.75)
---------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Price County

3 N Prentice	18	1528CST			0	0			Hail(1.00)
--------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Price County

Prentice	18	1530CST			0	0			Hail(0.88)
-----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Price County

Ogema	18	1531CST			0	0			Hail(0.75)
--------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Price County

12 SW Phillips	18	1557CST			0	0			Hail(0.88)
----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Price County

Phillips	18	1626CST			0	0			Hail(0.75)
-----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Price County

Phillips	18	1634CST			0	0			Hail(0.75)
-----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Storm Data and Unusual Weather Phenomena

April 2002

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

WISCONSIN, Northwest

Price County									
Park Falls	18	1635CST			0	0			Hail(0.75)
Price County									
3 W Phillips	18	1642CST			0	0			Hail(0.88)
Price County									
Prentice	18	1645CST			0	0			Hail(0.75)
Price County									
Phillips	18	1646CST			0	0			Hail(0.88)
Price County									
5 SW Phillips	18	1646CST			0	0			Hail(1.00)
Price County									
Park Falls	18	1648CST			0	0			Hail(0.88)
Price County									
3 W Phillips	18	1700CST			0	0			Hail(1.00)
Price County									
Phillips	18	1706CST			0	0			Hail(1.00)
Price County									
5 SW Phillips	18	1706CST			0	0			Hail(2.00)
Iron County									
Mercer	18	1720CST			0	0			Hail(1.75)
Price County									
3 N Prentice	18	1726CST			0	0			Hail(1.00)
Price County									
3 E Catawba	18	1729CST	0.1	40	0	0			Tornado (F0)
A tornado touched down briefly in an isolated wooded area.									
Iron County									
6 SE Manitowish	18	1755CST			0	0			Hail(1.75)
Price County									
1 W Phillips	18	1803CST			0	0			Hail(0.88)
Price County									
2 S Catawba	18	1819CST			0	0			Hail(1.00)
Price County									
Prentice	18	1835CST			0	0			Hail(1.00)
WIZ009									
	Price								
	27	1500CST			0	0			Heavy Snow
	28	0200CST							
During the evening, 6.1 inches of snow fell at Prentice.									

WISCONSIN, Southeast

WIZ046>047-051>052-056>060-062>072	Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Dodge - Washington - Ozaukee - Iowa - Dane - Jefferson - Waukesha - Milwaukee - Lafayette - Green - Rock - Walworth - Racine - Kenosha								
	13	0100CST 0730CST			0	0			Fog
Dense fog developed during the overnight hours, lowering visibilities to 18 to 1/4 mile. Several airplane flights were delayed at most airports.									
Dane County									
4 S Cross Plains	14	1720CST			0	0			Hail(0.75)
Isolated severe thunderstorm. Severe weather spotter trailing the storm noted some cloud base rotation and a in-flow/feeder cloud band underneath the updraft tower.									

Storm Data and Unusual Weather Phenomena

April 2002

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

WISCONSIN, Southeast

WIZ046>047-051>052-056>060-062>072 **Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Dodge - Washington - Ozaukee - Iowa - Dane - Jefferson - Waukesha - Milwaukee - Lafayette - Green - Rock - Walworth - Racine - Kenosha**

15	1300CST				1	0			Excessive Heat
18	1500CST								

An out-of-season heat wave affected south-central and southeast Wisconsin thanks to a very warm, moist airmass which settled in for the 4-day period of April 15-18. Maximum afternoon temperatures were mostly in the mid 80s to lower 90s, and overnight lows in the 60s, or about 30 to 35 degrees above normal! Specifically, Milwaukee's Mitchell Field (Milwaukee Co.) topped out at 88, 86, 82, and 88 for the four days. In Madison (Dane Co.), maximum readings were 87, 86, 78, and 85. On the 15th, the Janesville Airport (Rock Co.) and West Allis (Milwaukee Co.) peaked at 91. On the 16th, Burlington (Racine Co.) and West Allis topped out at 90. On the 17th, an 85 was observed at West Allis, Mt. Mary College (Milwaukee Co.), and Racine (Racine Co.). On the 18th, Burlington had high honors with 91. Surface dewpoints were in the 60 to 65 degree range. Southwest winds gusted to 25 to 35 mph during the daytime hours of this 4-day period. A 50-year-old male died (direct death - Milwaukee County medical examiner classification) in a community-based residential home in Milwaukee County about 1600CST on April 16th. Although the heat index in Milwaukee County on April 16th was only in the upper 80s to lower 90s, the early-season nature and length of this heat wave was sufficient to adversely affect one individual. M50PH

Sheboygan County

Plymouth	18	0636CST			0	0			Hail(0.75)
-----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Fond Du Lac County

Waupun	18	0647CST			0	0	3K		Lightning
---------------	-----------	----------------	--	--	----------	----------	-----------	--	------------------

Sheboygan County

Sheboygan	18	0655CST			0	0	1K		Hail(0.75)
------------------	-----------	----------------	--	--	----------	----------	-----------	--	-------------------

A warm front lifting north through southern Wisconsin triggered elevated convection. A couple of the storms became severe. The hail damaged garden vegetables at Lakeland College in Sheboygan. Lightning started a fire which damaged the roof of a home in Waupun.

Marquette County

4 E Oxford	18	1254CST			0	0			Hail(0.75)
-------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Columbia County

3 S Portage	18	1415CST			0	0			Lightning
--------------------	-----------	----------------	--	--	----------	----------	--	--	------------------

Lafayette County

3 NW Belmont	18	1415CST			0	0	0.50K		Hail(1.00)
---------------------	-----------	----------------	--	--	----------	----------	--------------	--	-------------------

Lafayette County

Belmont	18	1417CST			0	0	3K		Hail(1.75)
----------------	-----------	----------------	--	--	----------	----------	-----------	--	-------------------

Iowa County

1 S Mineral Pt	18	1438CST			0	0			Hail(0.88)
-----------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Sauk County

Merrimac	18	1500CST			0	0			Hail(1.00)
-----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Sauk County

Prairie Du Sac	18	1500CST			0	0			Hail(0.88)
-----------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Columbia County

Portage	18	1509CST			0	0			Hail(1.00)
----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Sauk County

3 E Baraboo	18	1515CST			0	0			Thunderstorm Wind (G61)
--------------------	-----------	----------------	--	--	----------	----------	--	--	--------------------------------

Columbia County

5 NNE Okee	18	1520CST			0	0			Hail(1.00)
-------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Sauk County

Merrimac	18	1533CST			0	0	2K		Hail(1.75)
-----------------	-----------	----------------	--	--	----------	----------	-----------	--	-------------------

Jefferson County

3 S Ft Atkinson	18	1540CST			0	0			Lightning
------------------------	-----------	----------------	--	--	----------	----------	--	--	------------------

Marquette County

Endeavor	18	1553CST			0	0			Hail(0.75)
-----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Dane County

Madison	18	1600CST			0	0			Hail(0.75)
----------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>WISCONSIN, Southeast</u>									
Dane County Madison	18	1600CST			0	0	5K		Lightning
Dane County 1 SW (Msn)Truax Fld M	18	1610CST			0	0			Hail(1.00)
Dane County 1 SW Madison	18	1610CST			0	0			Hail(1.00)
Rock County 2 NE Clinton	18	1615CST			0	0			Funnel Cloud
Dane County Madison	18	1622CST			0	0	5K		Lightning
Rock County Milton	18	1625CST			0	0			Thunderstorm Wind (G57) ^M
Dane County Madison	18	1629CST			0	0			Hail(0.88)
Green Lake County Berlin	18	1634CST 1639CST			0	0			Hail(0.75)
Dane County Monona	18	1635CST			0	0			Hail(0.75)
Rock County Evansville	18	1800CST			0	0			Hail(1.00)
Dane County Deerfield	18	1830CST			0	0	5K		Hail(2.00)
Iowa County 2 W Highland	18	1836CST			0	0			Thunderstorm Wind (G52)
Rock County Janesville	18	1840CST			0	0			Hail(0.75)
Rock County Johnstown to 1.2 E Johnstown	18	1844CST 1847CST			0	0			Hail(0.75)
Marquette County Briggsville	18	1937CST			0	0			Thunderstorm Wind (G52)
Iowa County Dodgeville	18	1958CST			0	0			Thunderstorm Wind (G52)
Columbia County Poynette	18	2005CST			0	0			Thunderstorm Wind (G52)
Green Lake County 5 SSW Green Lake	18	2010CST			0	0			Hail(0.75)
Dodge County Beaver Dam	18	2023CST			0	0			Thunderstorm Wind (G53) ^M
Lafayette County Gratiot to Woodford	18	2030CST 2050CST			0	0			Thunderstorm Wind (G56)
Dane County Middleton	18	2032CST			0	0			Thunderstorm Wind (G52)
Dodge County Waupun	18	2037CST			0	0			Thunderstorm Wind (G52) ^M
Fond Du Lac County Waupun	18	2037CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

April 2002

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

WISCONSIN, Southeast

Dodge County									
4 NE Horicon	18	2040CST			0	0			Lightning
Dodge County									
Watertown to Mayville	18	2040CST 2045CST			0	0	55K		Thunderstorm Wind (G52)
Green County									
4.5 NNW Browntown to Monroe	18	2045CST 2055CST			0	0	200K		Thunderstorm Wind (G61)
Jefferson County									
Lake Mills	18	2045CST			0	0			Thunderstorm Wind (G51) ^M
Green County									
1 WSW Brodhead	18	2102CST			0	0	15K		Thunderstorm Wind (G56)
Sheboygan County									
Greenbush	18	2111CST			0	0			Hail(0.75)
Rock County									
(Jvl)Rock Co Arpt Ja to 5 NE Beloit	18	2114CST 2122CST			0	0	10K		Thunderstorm Wind (G55) ^M
Washington County									
West Bend	18	2115CST			0	0	3K		Thunderstorm Wind (G52)
Walworth County									
Whitewater	18	2125CST			0	0			Thunderstorm Wind (G52) ^M
Milwaukee County									
Brown Deer	18	2132CST			0	0			Thunderstorm Wind (G53) ^M
Racine County									
Burlington	18	2157CST			0	0			Thunderstorm Wind (G52)
Kenosha County									
1 NNE Silver Lake	18	2203CST			0	0	4K		Thunderstorm Wind (G52)

Severe storms, with large hail and damaging, straight-line, downburst winds, developed ahead and along a cold front, which plowed east into an unseasonably warm, moist airmass over southern Wisconsin. Maximum afternoon temperatures were mostly in the 80s (about 30 to 35 degrees above normal) during the 4-day period of April 15-18. The hail stones ranged from 3/4 inch to 2 inches in diameter, resulting in several vehicles receiving dents (in Lafayette, Sauk, and Dane County). The damaging winds were mostly in the 60 to 70 mph range resulting in numerous reports of uprooted trees. Dozens of power lines were pulled down as broken tree branches fell on them. About 25,000 customers lost electrical power, based on utility company records. The areas with the largest amount of tree damage were: 1) from Graitiot to Woodford in Lafayette Co., 2) from northwest of Browntown to Monroe in Green Co., and 3) from Watertown to Mayville in Dodge Co. Otherwise, tree damage due to wet microbursts was scattered. A semi-trailer northeast of Beloit on Interstate 90 sustained damage when it was blown over by the powerful thunderstorm winds. Just west-southwest of Brodhead, a shed was blown down. In the area northwest of Browntown to Monroe, a barn was blown down, a shed was blown on to a home, and two residential roofs were damaged by broken tree limbs. A shed under construction at the Watertown High School in Dodge County was damaged by the powerful winds. A wind-toppled tree damaged a vehicle near Silver Lake (Kenosha Co.). Lightning started a 75 acre grass fire in the Horicon Marsh in Dodge County, a 1 acre grass fire south of Ft. Atkinson in Jefferson County, and a 5 acre grass fire south of Portage in Columbia County. Elsewhere, separate lightning strikes started fires which damaged the roof of two Madison (Dane Co.) homes. Several of the thunderstorms had mesocyclones, and cloud-base rotation was noted by severe weather spotters, however there were no tornado reports.

WISCONSIN, Southwest

WIZ017									
Taylor									
	10	1500CST 2000CST			0	0	1.5K		Flood
Heavy rains caused the Jump River to flood, which caused a road washout near the town of Jump River.									
Trempealeau County									
Ettrick	14	1055CST			0	0			Hail(0.75)
Taylor County									
1 N Medford	14	1155CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>WISCONSIN, Southwest</u>									
Clark County									
Neillsville	14	1210CST			0	0			Hail(0.75)
Clark County									
1 NE Neillsville	14	1210CST			0	0			Hail(0.88)
Dime to quarter size hail was reported by the public and law enforcement officials.									
La Crosse County									
La Crosse	17	0130CST			0	0			Thunderstorm Wind (G51) ^M
A storm spotter measured a peak wind gust of 59 mph on the south side of La Crosse (La Crosse County). A few trees were knocked down, knocking out power for a short time.									
Vernon County									
Readstown	18	0200CST			0	0			Thunderstorm Wind (G50)
Vernon County									
Hillsboro	18	0215CST			0	0			Hail(1.00)
Crawford County									
Soldiers Grove	18	0330CST			0	0			Hail(1.25)
Richland County									
Bosstown	18	0340CST			0	0			Hail(1.00)
Law enforcement officials and storm spotters reported hail the size of quarters.									
Grant County									
3 NW Dickeyville	18	1352CST			0	0			Hail(1.75)
Grant County									
Dickeyville	18	1400CST			0	0			Hail(1.75)
Grant County									
Platteville	18	1404CST			0	0			Hail(1.75)
Grant County									
3 W Cuba City	18	1413CST			0	0			Hail(1.75)
Grant County									
4 SE Platteville	18	1415CST			0	0			Hail(1.75)
Richland County									
Ithaca	18	1420CST			0	0			Hail(0.75)
Grant County									
Platteville	18	1432CST			0	0			Hail(1.50)
Juneau County									
New Lisbon	18	1449CST			0	0			Hail(1.75)
Juneau County									
2 E Mauston	18	1452CST			0	0			Hail(0.75)
Adams County									
Arkdale	18	1512CST			0	0			Hail(0.75)
Juneau County									
Mauston	18	1513CST			0	0			Hail(0.88)
Taylor County									
3 E Jump River	18	1545CST			0	0			Hail(0.75)
Taylor County									
Chelsea	18	1612CST			0	0			Hail(1.75)
Monroe County									
Tomah	18	1620CST			0	0			Hail(0.75)
Taylor County									
Rib Lake	18	1620CST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>WISCONSIN, Southwest</u>									
Juneau County									
Hustler	18	1627CST			0	0			Hail(1.00)
Clark County									
2 N Abbotsford	18	1630CST			0	0			Hail(1.00)
Clark County									
Loyal	18	1634CST			0	0			Hail(0.75)
Juneau County									
Mauston	18	1635CST			0	0			Hail(0.75)
Juneau County									
Mauston	18	1637CST			0	0			Hail(0.88)
Adams County									
Easton	18	1650CST			0	0			Hail(0.75)
Juneau County									
Mauston	18	1651CST			0	0			Hail(1.00)
Adams County									
Adams	18	1700CST			0	0			Hail(0.75)
Buffalo County									
Gilmanton	18	1700CST			0	0			Hail(1.00)
Taylor County									
Medford	18	1700CST			0	0			Hail(0.75)
Clark County									
Abbotsford	18	1717CST			0	0			Hail(1.00)
La Crosse County									
Onalaska	18	1725CST			0	0			Hail(0.75)
Trempealeau County									
Trempealeau	18	1725CST			0	0			Hail(0.75)
La Crosse County									
Holmen	18	1727CST			0	0			Hail(0.75)
Clark County									
6 W Colby	18	1733CST			0	0			Hail(0.75)
Monroe County									
Warrens	18	1735CST			0	0			Hail(0.75)
Monroe County									
6 W Warrens	18	1737CST			0	0			Hail(1.25)
Clark County									
1 N Greenwood	18	1740CST			0	0			Hail(0.75)
Crawford County									
2 S De Soto	18	1825CST			0	0			Hail(0.88)
Crawford County									
Prairie Du Chien	18	1825CST			0	0			Hail(1.00)
Richland County									
Viola	18	1900CST			0	0			Hail(1.00)
Grant County									
4 N Mt Hope	18	1924CST			0	0			Thunderstorm Wind (G52)
Grant County									
Hazel Green	18	2000CST			0	0			Thunderstorm Wind (G52)

Numerous reports of large hail were received from storm spotters, law enforcement officials and the public. The hail ranged in size from dimes to as large as golf balls. In addition, there were a few reports of wind gusts to 60 mph.

Storm Data and Unusual Weather Phenomena

April 2002

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

Clark County

7 E Owen	24	0335CST			0	0			Hail(0.75)
----------	----	---------	--	--	---	---	--	--	------------

Taylor County

10 N Medford	24	0340CST			0	0			Hail(0.75)
--------------	----	---------	--	--	---	---	--	--	------------

Dime size hail was reported by the public and law enforcement officials.

WISCONSIN, West

Dunn County

7 SE Menomonie to 8 ESE Menomonie	17	0025CST 0030CST			0	0	50K		Thunderstorm Wind (G65)
--------------------------------------	----	--------------------	--	--	---	---	-----	--	-------------------------

Narrow swath of wind damage. Roof off barn. Old, abandoned wooden one-room schoolhouse collapsed. Several outbuildings down. Downburst wind per NWS damage survey.

Chippewa County

8 WSW Chippewa Falls 6 NW Chippewa Falls	17	0040CST 0045CST			0	1	300K		Thunderstorm Wind (G70)
---	----	--------------------	--	--	---	---	------	--	-------------------------

Narrow swath of wind damage. Roofs blown off 4 barns. Several outbuildings down. Dozens of trees snapped. Windmill twisted. One man sustained minor injuries when his semi truck was blown into the path of another semi. Downburst wind per NWS damage survey.

Pierce County

Prescott	18	0300CST			0	0			Hail(1.00)
----------	----	---------	--	--	---	---	--	--	------------

St. Croix County

Roberts	18	0330CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Barron County

3 SE Haugen	18	0345CST			0	0			Hail(1.00)
-------------	----	---------	--	--	---	---	--	--	------------

Barron County

Cumberland	18	0400CST			0	0			Hail(0.88)
------------	----	---------	--	--	---	---	--	--	------------

Dunn County

Wheeler	18	0425CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Dunn County

6 N Colfax	18	0435CST			0	0			Hail(1.50)
------------	----	---------	--	--	---	---	--	--	------------

Dunn County

Sand Creek	18	0440CST			0	0			Hail(0.75)
------------	----	---------	--	--	---	---	--	--	------------

Eau Claire County

Eau Claire	18	1510CST 1520CST			0	0			Hail(1.00)
------------	----	--------------------	--	--	---	---	--	--	------------

Chippewa County

5 N Chippewa Falls	18	1512CST			0	0			Hail(1.75)
--------------------	----	---------	--	--	---	---	--	--	------------

Chippewa County

6 NE Chippewa Falls	18	1515CST			0	0			Hail(1.75)
---------------------	----	---------	--	--	---	---	--	--	------------

Pepin County

13 E Durand	18	1527CST			0	0			Hail(1.00)
-------------	----	---------	--	--	---	---	--	--	------------

Dunn County

2 S Rock Falls	18	1533CST			0	0			Hail(1.50)
----------------	----	---------	--	--	---	---	--	--	------------

Eau Claire County

Eau Claire	18	1545CST			0	0			Hail(0.75)
------------	----	---------	--	--	---	---	--	--	------------

Eau Claire County

7 SW Eau Claire	18	1552CST			0	0			Hail(1.00)
-----------------	----	---------	--	--	---	---	--	--	------------

Eau Claire County

Altoona	18	1555CST			0	0			Hail(0.75)
---------	----	---------	--	--	---	---	--	--	------------

Storm Data and Unusual Weather Phenomena

April 2002

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

WISCONSIN, West

Eau Claire County									
7 S Eau Claire	18	1635CST			0	0			Hail(2.50)
Eau Claire County									
4 W Fall Creek	18	1640CST			0	0			Hail(2.00)
Rusk County									
Hawkins	18	1640CST			0	0			Hail(1.00)
Eau Claire County									
Ludington	18	1650CST			0	0			Hail(1.25)
Eau Claire County									
5 W Foster	18	1710CST			0	0			Hail(0.75)
Eau Claire County									
Augusta	18	1730CST			0	0			Hail(1.00)

WYOMING, Central and West

Sweetwater County									
Superior	13 14	1515MST 0000MST			0	0	261K		Wild/Forest Fire
How the fire was started can not be confirmed. After fire started, winds of 50 mph rapidly spread the fire across Superior. Four homes were destroyed, 23 buildings were destroyed, including garages and sheds. Also, 9 vehicles were destroyed. Damage dollar amount was based on information provided by the victims, insurance companies and city officials.									
WYZ024									
		Flaming Gorge			0	0			High Wind (G69) ^M
A wind gust of 79 mph at Flaming Gorge Reservoir blew two roofs off of houses.									
WYZ011>013-015-020									
		Wind River Mtns East - Lander Foothills - Wind River Basin - Natrona - Upper Green River Basin			0	0			Heavy Snow
	19 20	0000MST 2359MST							
Two storm systems brought heavy snow to central and southwest Wyoming. Snowfall amounts ranges from 8 to 14 inches.									

WYOMING, Extreme Southwest

NONE REPORTED.

WYOMING, North Central

WYZ098									
		Northeast Bighorn Mountains			0	0			Heavy Snow
	18	1550MST							
17 inches of new snow in Burgess Junction									

WYOMING, Northeast

WYZ057									
		Wyoming Black Hills			0	0	0		Heavy Snow
	01	2200MST							
Local effects contributed to an orographic "upslope" snow event over the Bear Lodge mountains. Generally six to eight inches of snow were reported around Hulett.									

WYOMING, Southeast

Laramie County									
20 W Albin	30	1714MST 1718MST			0	0			Hail(1.00)

Storm Data and Unusual Weather Phenomena

April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>WYOMING, Southeast</u>									
Goshen County Lingle	30	1943MST 1948MST			0	0			Hail(1.75)
Goshen County 7 N Torrington	30	1956MST 2000MST			0	0			Hail(0.75)
Goshen County 1 S Torrington	30	2030MST 2034MST			0	0			Hail(0.88)
Goshen County Torrington	30	2231MST			0	0			Thunderstorm Wind (G52) ^M
Goshen County 5 N Torrington	30	2233MST 2234MST			0	0			Hail(1.00)